



Fineract Platform Documentation

Version 1.8.4

Table of Contents

License	1
Preface	2
Introduction	3
Platform for Digital Financial Services	3
About	3
Contribute	3
Mailing Lists	4
Deployment	5
Plugins	5
HTTPS	5
Docker Compose	6
Application Server	6
Fineract Instance types	7
Kubernetes	11
AWS	11
Google Cloud	11
Apache Software Foundation Infrastructure	11
Architecture	12
History	12
Resources	12
System Overview	13
Functional Overview	14
Principles	15
Design Overview	17
Persistence	22
Validation	24
Batch execution and jobs	25
Loan account locking	34
Technology	34
Modules	35
Introducing Business Date into Fineract - Community version	45
Fineract Development Environment	52
Git	52
GPG	52
Docker	52
Gradle	52

IDE	52
Kubernetes	53
Tools	53
Security	55
OAuth	55
Testing	57
Cucumber	57
Unit Testing	61
Integration Testing	61
Fineract Documentation Guide	62
File and Folder Layout	62
AsciiDoc	62
Diagrams	72
Editor	73
Antora	74
Releases	75
Configuration	75
Release Process	85
Maintenance Release Process	100
Publish Release Artifacts	101
Fineract SDKs	103
Generate Apache Fineract API Client	103
Apache Fineract REST API	105
Access	105
Endpoints	105
Models	706
Frequently Asked Questions	1148
Glossary	1149
Index	1150
Appendix A: Fineract Application Properties	1151
Tenant Database Properties	1151
Hikari Connection Pool Properties	1151
SSL Properties	1153
Authentication Properties	1154
Tomcat Properties	1154
Appendix B: Third Party Software	1155

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Preface

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Apache Fineract

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Version: 1.8.4

Date: 2023-03-24

Table 1. Authors

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Table 2. History

Authors	Description	Date	Version
Aleksandar Vidakovic	Initial version	2020-10-26	1.4.0
Arnold Galovics	Database architecture section	2022-03-11	1.7.0
Aleksandar Vidakovic	Module section	2022-03-23	1.7.0
Aleksandar Vidakovic	Release section, file re-organisation	2022-04-18	1.7.0
Aleksandar Vidakovic	AsciiDoc cheatsheet	2022-05-09	1.7.0

Introduction

Platform for Digital Financial Services

Apache Fineract (*'fin-ə-rakt'*) is open source software for financial services.

Fineract provides a reliable, robust, and affordable solution for entrepreneurs, financial institutions, and service providers to offer financial services to the world's 2 billion underbanked and unbanked. Fineract is aimed at innovative mobile and cloud-based solutions, and enables digital transaction accounts for all.

Fineract 1.x is a mature platform with open APIs, while Fineract CN is a cloud native, microservice architecture also supporting open banking APIs.

About

Apache Fineract can be deployed in any environment: cloud or on-premise. It can support front end interfaces on or offline, mobile or PC. It's extensible enough to support any organizational type or delivery channel, and flexible enough to support any product, service, or lending methodology. For any organization, big or small, it provides the client data management, loan and savings portfolio management, integrated real time accounting, and social and financial reporting needed to bring digital financial services to a modern connected world.

Fineract 1.x compares well to other core banking systems and draws from requirements in credit unions, microfinance institutions, and small non-banking financial institutions. Features include flexible product configuration, KYC documentation support, business rule sets, payment transactions, and portfolio management. It includes an open API that dates to 2011 and is deployed in relatively high transaction volume environments.

Fineract CN operates on the principle that financial services are an innovative space and so each fineract microservice encapsulates a domain that can be combined with other microservices to create new platform offerings. Fineract CN microservices can be combined to create new software platforms for digital financial service providers. Fineract CN is still in its early days, but preliminary tests have shown that a simple single-instance laptop deployment of Fineract CN can process over 1000 transactions/second. Fineract CN also includes a fully Apache-licensed backoffice UI.

Fineract 1.x began incubation at Apache in December 2015 and is used by an active community of companies who build solutions for both financial inclusion and fintech innovation.

Contribute

The Apache Fineract community welcomes contributors who want to support the Fineract technology. Our community builds everything from this website, to the Fineract code to documentation and best practices information.

We especially welcome additions and corrections to the documentation, wiki, and website to improve the user experience. Bug reports and fixes and additions to the Apache Fineract code are welcome. Helping users learn best practices also earns good karma in our community.

Mailing Lists

Users & Developers

If you use, build on top of, deploy or are building contributions and modifications to Apache Fineract, this is the list for you.

To subscribe, send a blank email to dev-subscribe@fineract.apache.org.

To unsubscribe later, just send a blank email to dev-unsubscribe@fineract.apache.org.

You can also read the archives on lists.apache.org or on MarkMail.org.

Commits

This list receives an email whenever new code is contributed to Apache Fineract.

To subscribe, send a blank email to commits-subscribe@fineract.apache.org.

You can also read the archives.

Deployment

Plugins

Apache Fineract is extensible through plugin JARs ([FINERACT-1177](https://issues.apache.org/jira/browse/FINERACT-1177) [https://issues.apache.org/jira/browse/FINERACT-1177]; based on

[Spring Boot's support](https://docs.spring.io/spring-boot/docs/current/reference/html/appendix-executable-jar-format.html) [https://docs.spring.io/spring-boot/docs/current/reference/html/appendix-executable-jar-format.html]). To launch Fineract with plugin JARs in `libs/*.jar`, use:

```
java -Dloader.path=libs/ -jar fineract-provider.jar
```

The Fineract "Docker" container image's `ENTRYPOINT` uses this, see our [Dockerfile](#). You could therefore build your customized Fineract distribution container image with your own `Dockerfile` using e.g. `FROM apache/fineract:latest` and then drop some plugin JARs into `/app/libs/`.

The WAR distribution does not directly support such plugins, but one could "explode" the WAR and drop JARs into `WEB-INF/lib`; if you know what you are doing, and feel nostalgic of the 1990s still using WARs, instead of the recommended modern Spring Boot distribution.

Here is a list of known 3rd-party plugin projects which can be dropped into `libs/`:

- github.com/vorburger/fineract-pentaho



The reporting module became our first module experiment out of necessity. We are currently developing a strategy to split up even more internals of Fineract into proper modules. Those that have an incompatible license will be hosted in a separate Git repository (probably on Github under the Mifos organisation). We'll send out an announcement as soon as we have more to say on this topic.

HTTPS

Because Apache Fineract deals with customer sensitive personally identifiable information (PII), it very strongly encourages all developers, implementors and end-users to always only use HTTPS. This is why it does not run on HTTP even for local development and enforces use of HTTPS.

For this purpose, Fineract includes a built-in default SSL certificate. This cert is intended for development on `localhost`, only. It is not trusted by your browser (because it's self signed).

For production deployments, we recommend running Fineract behind a modern managed cloud native web proxy which includes SSL termination with automatically rotating SSL certificates, either using your favourite cloud provider's respective solution, or locally setting up the equivalent using e.g. something like NGINX combined with [Let's Encrypt](https://letsencrypt.org) [https://letsencrypt.org].

Such products, when correctly configured, add the conventional `X-Forwarded-For` and `X-Forwarded-Proto` HTTP headers, which Fineract (or rather the Spring Framework really) correctly respects since [FINERACT-914 was fixed](https://issues.apache.org/jira/browse/FINERACT-914) [https://issues.apache.org/jira/browse/FINERACT-914].

Alternatively, you could replace the built-in default SSL certificate with one you obtained from a Certificate Authority. We currently do not document how to do this, because we do not recommend this approach, as its cumbersome to configure and support and less secure than a managed auto rotating solution.

The Fineract API client supports an insecure mode (`FineractClient.Builder#insecure()`), and API users such as mobile apps may expose Settings to let end-users accept the self signed certificate. This should always be used for testing only, never in production.

Docker Compose

TBD

Application Server

Tomcat

TBD

Undertow

TBD

Jetty

TBD

JBoss

TBD

Weblogic

TBD

Payara

TBD

Fineract Instance types

In cases where Fineract has to deal with high load, it can cause a performance problem for a single Fineract instance.

To overcome this problem, Fineract instances can be started in different instance types for better scalability and performance in a multi-instance environment:

Fineract instance types

- Read instance
- Write instance
- Batch instance

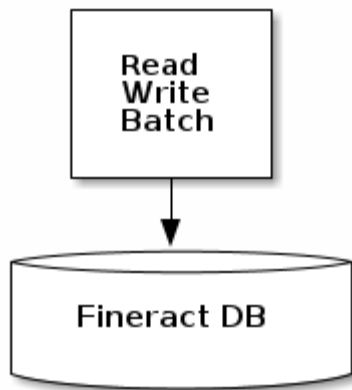
Each instance type comes with different restrictions. The specifics can be found in the table below.

Table 3. Instance types

	Read instance	Write instance	Batch instance
Using only read-only DB connection	Yes	No	No
Batch jobs are automatically scheduled or startable via API	No	No	Yes
Can receive events (business events, hook template events)	No	Yes	No
Can send events (business events, hook template events)	No	Yes	Yes
Read APIs supported	Yes	Yes	No
Write APIs supported	No	Yes	No
Batch job APIs supported	No	No	Yes
Liquibase migration initiated upon startup	No	Yes	No

Configuring instance types in single instance setup

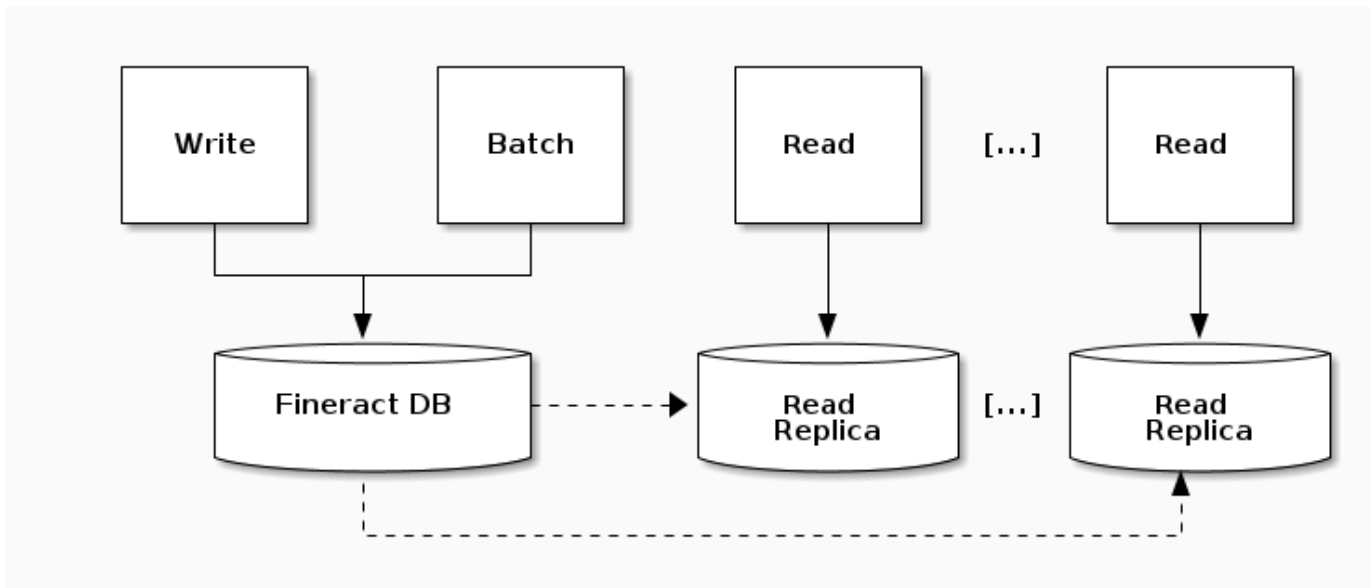
If Fineract is running as a single instance, then all of the 3 instance types should be enabled. In this case, there is no need to worry about the configuration, because this is the default behavior.



Configuring instance types in multi-instance setup

A common solution to dealing with the high load is to deploy 1 write and 1 batch instances and deploy multiple read instances with read replicas of the Fineract database.

In this case, the write instance and the database will be freed from part of the load, because read request will use the separated read instance and its read replica database.

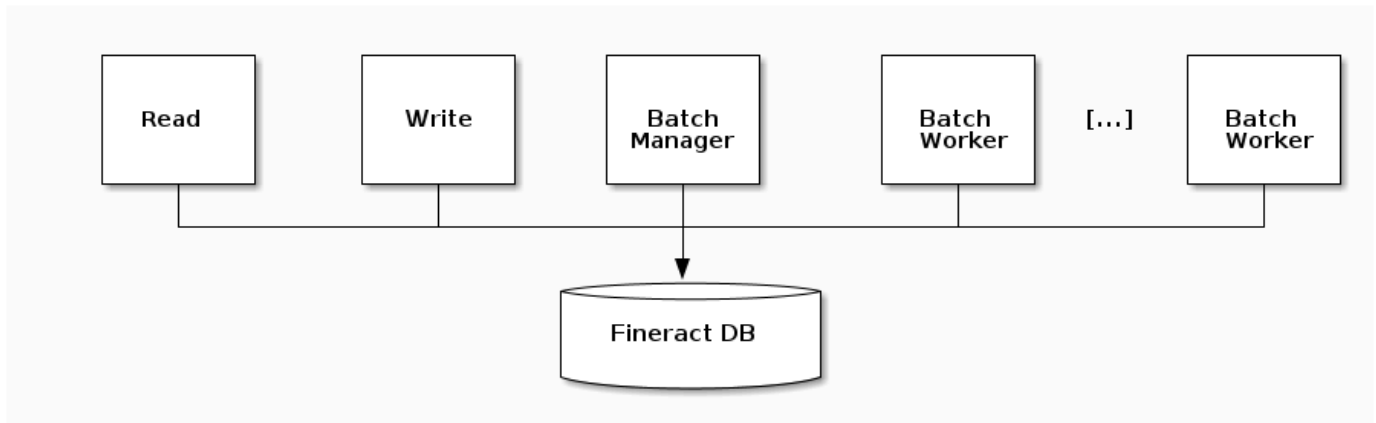


Also a common scenario when Close of Business jobs are running and Fineract has to deal with a high amount of processes.

(In a future release) Fineract (will be) is able to run this CoB jobs in batches.

In multi-instances environment these CoB jobs can run on multiple batch instances and they don't have any impact on the performance of the read and write processes.

The best practice is to deploy 1 master batch instance and multiple worker batch instances.



These solutions can be mixed with each other, based on the load of the Fineract deployment.

Configuring instance type via environment variables

The Fineract instance type is configurable via environment variables for the following 3 values:

Table 4. Environment variables

Instance type	Environment variable
Read instance	FINERACT_READ_MODE_ENABLED
Write instance	FINERACT_WRITE_MODE_ENABLED
Batch instance	FINERACT_BATCH_MODE_ENABLED

The environment variable values are booleans (true/false). The Fineract instance can be configured in any combination of these instance types, although if all 3 configurations are false, startup will fail. The default value for all 3 values is true.

The configured Fineract instance types are easily accessible via a single Spring bean, named `FineractProperties.FineractModeProperties` that has 4 methods: `isReadMode()`, `isWriteMode()`, `isBatchMode()`, `isReadOnlyMode()`

Liquibase Database Migration

Liquibase data migration is allowed only for write instances

APIs

Read APIs are allowed only for read and write instances

A Fineract instance is ONLY able to serve read API calls when it's configured as a read or write instance. In batch instance mode, it won't serve read API calls.

If it's a read or write instance, the read APIs will be served.

If it's a batch instance, the read APIs won't be served and a proper HTTP status code will be returned.

The distinction whether something is a read API can be decided based on the HTTP request method. If

it's a GET, we can assume it's a read call.

Write APIs are allowed only for write instances

A Fineract instance is ONLY able to serve write API calls when it's configured as a write instance. In read or batch instance mode, it won't serve write API calls.

If the write APIs won't be served and a proper HTTP status code will be returned.

If it's a write instance, the write APIs will be served except the ones related to batch jobs.

The distinction whether something is a write API can be decided based on the HTTP request method. If it's non-GET, we can assume it's a write call. Also, the write APIs related to batch jobs (starting/stopping jobs) will not be served either.

Batch job APIs are allowed only for batch instances

A Fineract instance is ONLY able to serve batch API calls when it's configured as a batch instance. In read or write instance mode, it won't serve batch API calls.

If the batch APIs won't be served and a proper HTTP status code will be returned.

If it's a batch instance, the batch APIs will be served.

Batch jobs

Batch job scheduling is allowed only for batch instances

Batch jobs are scheduled only if the Fineract instance running as a batch instance

Read-only instance type restrictions

If the read mode is enabled, but the write mode and batch mode are disabled, Fineract instance runs in read-only mode.

Events are disabled for read-only instances

When a Fineract instance is running in read-only mode, all event receiving/sending will be disabled.

Read-only tenant connection support

With read separation, there's a possibility to use read-only database connections for read-only instances.

If the instance is read-only, the DataSource connection used for the tenant will be read-only.

If the instance is read-only and the configuration for the read-only datasource is not set, the application startup will fail.

Batch-only instance type restrictions

If the batch mode is enabled, but the read mode and write mode are disabled, Fineract instance runs in batch-only mode.

Receiving events is disabled for batch-only instances

When a Fineract instance is running as batch, event receiving will be disabled while sending events will be still possible since the batch jobs are potentially generating business events.

Kubernetes

TBD

AWS

TBD

Google Cloud

The www.fineract.dev demo server runs on Google Cloud.

The [Running Fineract.dev, SRE style presentation](https://docs.google.com/presentation/d/1-VP4bNkc5kZ3B0yme_vYLiY1qpswnfz8ainnX5fp3l8/) [https://docs.google.com/presentation/d/1-VP4bNkc5kZ3B0yme_vYLiY1qpswnfz8ainnX5fp3l8/] given at *ApacheCon 2020* has some related background.

Apache Software Foundation Infrastructure

We can order a server from Apache's infrastructure team and deploy a demo instance...

TBD

Architecture

This document captures the major architectural decisions in platform. The purpose of the document is to provide a guide to the overall structure of the platform; where it fits in the overall context of an MIS solution and its internals so that contributors can more effectively understand how changes that they are considering can be made, and the consequences of those changes.

The target audience for this report is both system integrators (who will use the document to gain an understanding of the structure of the platform and its design rationale) and platform contributors who will use the document to reason about future changes and who will update the document as the system evolves.

History

The Idea

Fineract was an idea born out of a wish to create and deploy technology that allows the microfinance industry to scale. The goal is to:

- Produce a gold standard management information system suitable for microfinance operations
- Acts as the basis of a platform for microfinance
- Open source, owned and driven by member organisations in the community
- Enabling potential for eco-system of providers located near to MFIs

Timeline

- 2006: Project initiated by Grameen Foundation
- Late 2011: Grameen Foundation handed over full responsibility to open source community.
- 2012: Mifos X platform started. Previous members of project come together under the name of Community for Open Source Microfinance (COSM / OpenMF)
- 2013: COSM / OpenMF officially rebranded to Mifos Initiative and receive US 501c3 status.
- 2016: Fineract 1.x began incubation at Apache

Resources

- Project URL is github.com/apache/fineract
- Issue tracker is issues.apache.org/jira/projects/FINERACT/summary
- Download from fineract.apache.org/

System Overview

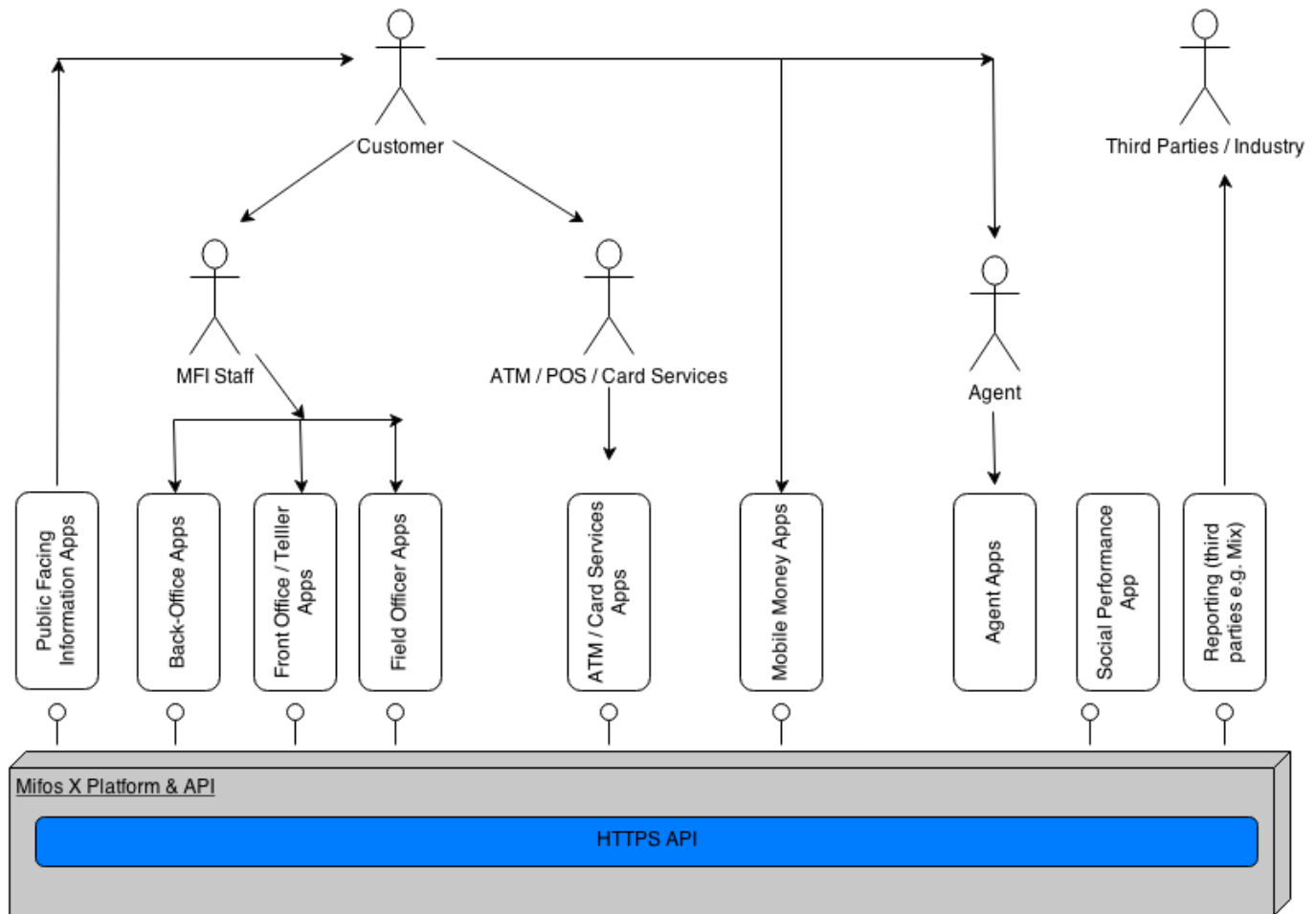


Figure 1. Platform System Overview

Financial institutions deliver their services to customers through a variety of means today.

- Customers can call direct into branches (teller model)
- Customers can organise into groups (or centers) and agree to meetup at a location and time with FI staff (traditional microfinance).
- An FI might have a public facing information portal that customers can use for variety of reasons including account management (online banking).
- An FI might be integrated into a ATM/POS/Card services network that the customer can use.
- An FI might be integrated with a mobile money operator and support mobile money services for customer (present/future microfinance).
- An FI might use third party agents to sell on products/services from other banks/FIs.

As illustrated in the above diagram, the various stakeholders leverage business apps to perform specific customer or FI related actions. The functionality contained in these business apps can be bundled up and packaged in any way. In the diagram, several of the apps may be combined into one

app or any one of the blocks representing an app could be further broken up as needed.

The platform is the core engine of the MIS. It hides a lot of the complexity that exists in the business and technical domains needed for an MIS in FIs behind a relatively simple API. It is this API that frees up app developers to innovate and produce apps that can be as general or as bespoke as FIs need them to be.

Functional Overview

As ALL capabilities of the platform are exposed through an API, The API docs are the best place to view a detailed breakdown of what the platform does. See online API Documentation.

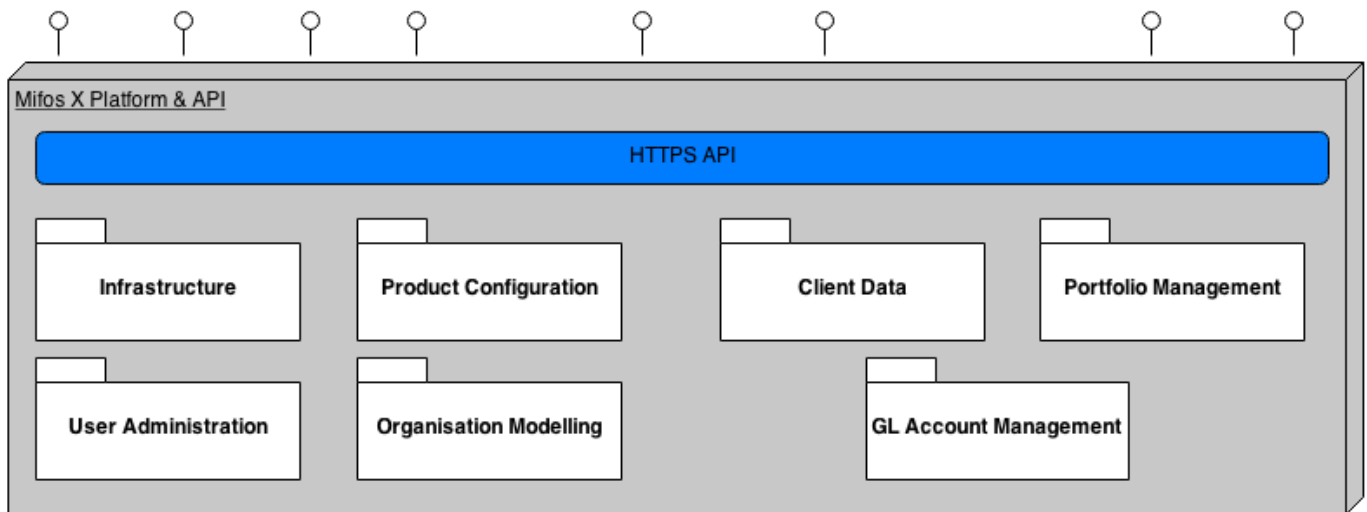


Figure 2. Platform Functional Overview

At a higher level though we see the capabilities fall into the following categories:

- Infrastructure
 - Codes
 - Extensible Data Tables
 - Reporting
- User Administration
 - Users
 - Roles
 - Permissions
- Organisation Modelling
 - Offices
 - Staff
 - Currency

- Product Configuration
 - Charges
 - Loan Products
 - Deposit Products
- Client Data
 - Know Your Client (KYC)
- Portfolio Management
 - Loan Accounts
 - Deposit Accounts
 - Client/Groups
- GL Account Management
 - Chart of Accounts
 - General Ledger

Principles

RESTful API

The platform exposes all its functionality via a **practically-RESTful API**, that communicates using JSON.

We use the term **practically-RESTful** in order to make it clear we are not trying to be fully REST compliant but still maintain important RESTful attributes like:

- Stateless: platform maintains no conversational or session-based state. The result of this is ability to scale horizontally with ease.
- Resource-oriented: API is focussed around set of resources using HTTP vocabulary and conventions e.g GET, PUT, POST, DELETE, HTTP status codes. This results in a simple and consistent API for clients.

See online API Documentation for more detail.

Multi-tenanted

The Fineract platform has been developed with support for multi-tenancy at the core of its design. This means that it is just as easy to use the platform for Software-as-a-Service (SaaS) type offerings as it is for local installations.

The platform uses an approach that isolates an FI's data per database/schema (See Separate Databases and Shared Database, Separate Schemas).

Extensible

Whilst each tenant will have a set of core tables, the platform tables can be extended in different ways for each tenant through the use of Data tables functionality.

Command Query Seperation

We separete **commands** (that change data) from **queries** (that read data).

Why? There are numerous reasons for choosing this approach which at present is not an attempt at full blown CQRS. The main advantages at present are:

- State changing commands are persisted providing an audit of all state changes.
- Used to support a general approach to **maker-checker**.
- State changing commands use the Object-Oriented paradigm (and hence ORM) whilst queries can stay in the data paradigm.

Maker-Checker

Also known as **four-eyes principal**. Enables apps to support a maker-checker style workflow process. Commands that pass validation will be persisted. Maker-checker can be enabled/disabled at fine-grained level for any state changing API.

Fine grained access control

A fine grained permission is associated with each API. Administrators have fine grained control over what roles or users have access to.

Package Structure

The intention is for platform code to be packaged in a vertical slice way (as opposed to layers).

Source code starts from github.com/apache/fineract/tree/develop/fineract-provider/src/main/java/org/apache/fineract

- accounting
- useradministration
- infrastructure
- portfolio
 - charge
 - client
 - fund
 - loanaccount
- accounting

Within each vertical slice is some common packaging structure:

- api - XXXApiResource.java - REST api implementation files
- handler - XXXCommandHandler.java - specific handlers invoked
- service - contains read + write services for functional area
- domain - OO concepts for the functional area
- data - Data concepts for the area
- serialization - ability to convert from/to API JSON for functional area

Design Overview



The implementation of the platform code to process commands through handlers whilst supporting maker-checker and authorisation checks is a little bit convoluted at present and is an area pin-pointed for clean up to make it easier to on board new platform developers. In the mean time below content is used to explain its workings at present.

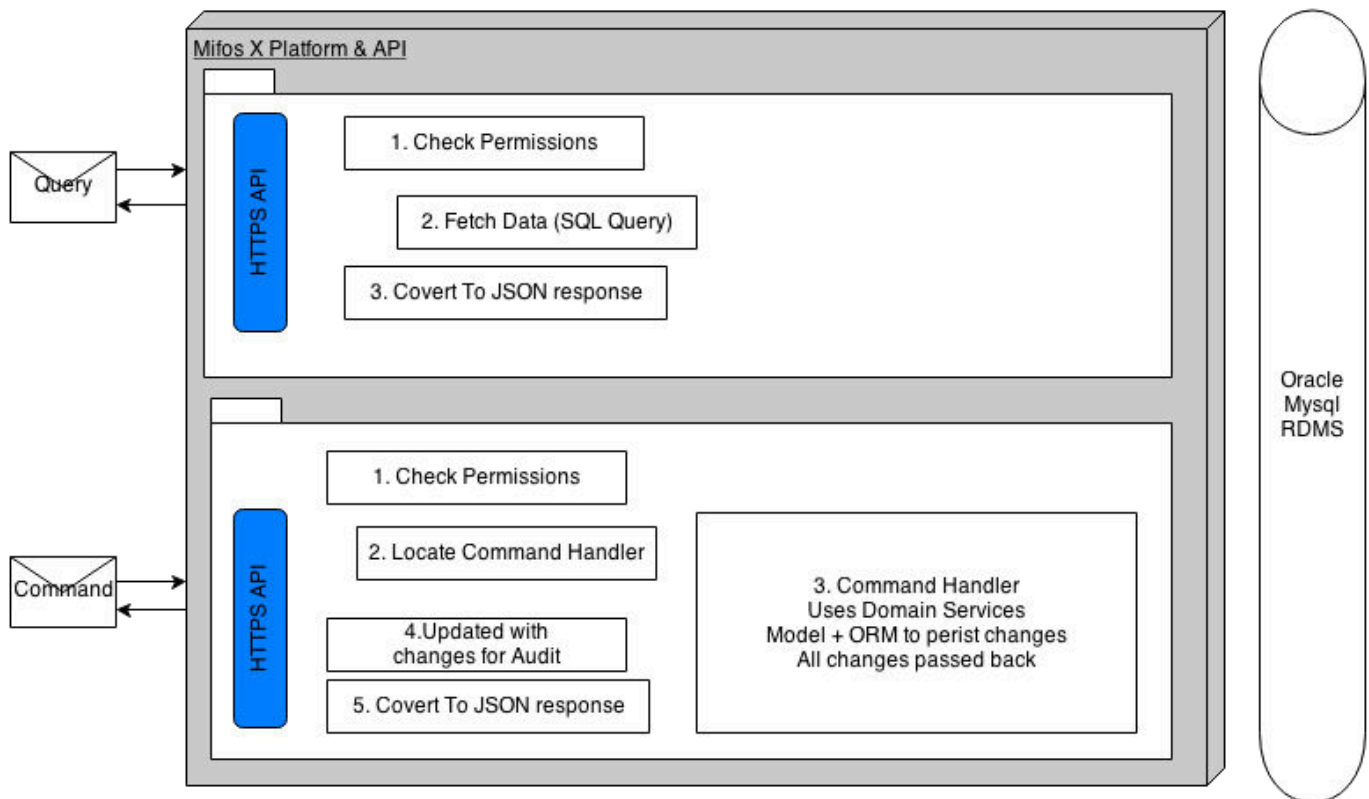


Figure 3. CQRS

Taking into account example shown above for the **users** resource.

- Query: GET /users

- HTTPS API: retrieveAll method on **org.apache.fineract.useradministration.api.UsersApiResource** invoked
- UsersApiResource.retrieveAll: Check user has permission to access this resources data.
- UsersApiResource.retrieveAll: Use 'read service' to fetch all users data ('read services' execute simple SQL queries against Database using JDBC)
- UsersApiResource.retrieveAll: Data returned to converted into JSON response
- Command: POST /users (Note: data passed in request body)
- HTTPS API: create method on **org.apache.fineract.useradministration.api.UsersApiResource** invoked

UsersApiResource.create

```

@POST
@Operation(summary = "Create a User", description = "Adds new application user.\n" +
"\n"
+ "Note: Password information is not required (or processed). Password
details at present are auto-generated and then sent to the email account given (which is
why it can take a few seconds to complete).\n"
+ "\n" + "Mandatory Fields: \n" + "username, firstname, lastname, email,
officeId, roles, sendPasswordToEmail\n" + "\n"
+ "Optional Fields: \n" +
"staffId,passwordNeverExpires,isSelfServiceUser,clients")
@RequestBody(required = true, content = @Content(schema = @Schema(implementation =
UsersApiResourceSwagger.PostUsersRequest.class)))
@ApiResponses({
    @ApiResponse(responseCode = "200", description = "OK", content = @Content
(schema = @Schema(implementation = UsersApiResourceSwagger.PostUsersResponse.class))) })
@Consumes({ MediaType.APPLICATION_JSON })
@Produces({ MediaType.APPLICATION_JSON })
public String create(@Parameter(hidden = true) final String apiRequestBodyAsJson) {

    final CommandWrapper commandRequest = new CommandWrapperBuilder() //
        .createUser() //
        .withJson(apiRequestBodyAsJson) //
        .build();

    final CommandProcessingResult result = this.commandsSourceWritePlatformService
        .logCommandSource(commandRequest);

    return this.toApiJsonSerializer.serialize(result);

```

Create a CommandWrapper object that represents this create user command and JSON request body. Pass off responsibility for processing to PortfolioCommandSourceWritePlatformService.logCommandSource

```

        // maker checker doesnt mean anything here.
        isApprovedByChecker = true; // set to true in case permissions have
                                    // been maker-checker enabled by
                                    // accident.

    } else {
        // if not user changing their own details - check user has
        // permission to perform specific task.
        this.context.authenticatedUser(wrapper).validateHasPermissionTo(wrapper
.getTaskPermissionName());
    }
    validateIsUpdateAllowed();

    final String json = wrapper.getJson();
    CommandProcessingResult result = null;
    JsonCommand command = null;
    int numberOfRetries = 0;
    int maxNumberOfRetries = ThreadLocalContextUtil.getTenant().getConnection()
.getMaxRetriesOnDeadlock();
    int maxIntervalBetweenRetries = ThreadLocalContextUtil.getTenant().getConnection
().getMaxIntervalBetweenRetries();
    final JsonElement parsedCommand = this.fromApiJsonHelper.parse(json);
    command = JsonCommand.from(json, parsedCommand, this.fromApiJsonHelper, wrapper
.getEntityName(), wrapper.getEntityId(),
        wrapper.getSubentityId(), wrapper.getGroupId(), wrapper.getClientId(),
wrapper.getLoanId(), wrapper.getSavingsId(),
        wrapper.getTransactionId(), wrapper.getHref(), wrapper.getProductId(),
wrapper.getCreditBureauId(),
        wrapper.getOrganisationCreditBureauId());
    while (numberOfRetries <= maxNumberOfRetries) {
        try {
            result = this.processAndLogCommandService.processAndLogCommand(wrapper,
command, isApprovedByChecker);
            numberOfRetries = maxNumberOfRetries + 1;
        } catch (CannotAcquireLockException | ObjectOptimisticLockingFailureException
exception) {
            log.info("The following command {} has been retried {} time(s)",
command.json(), numberOfRetries);
            /**
             * Fail if the transaction has been retired for maxNumberOfRetries
             */
            if (numberOfRetries >= maxNumberOfRetries) {
                log.warn("The following command {} has been retried for the max
allowed attempts of {} and will be rolled back",
                    command.json(), numberOfRetries);
                throw exception;
            }
            /**
             * Else sleep for a random time (between 1 to 10 seconds) and continue

```

```

        /**/
        try {
            int randomNum = RANDOM.nextInt(maxIntervalBetweenRetries + 1);
            Thread.sleep(1000 + (randomNum * 1000));
            numberOfRetries = numberOfRetries + 1;
        } catch (InterruptedException e) {
            throw exception;
        }
    } catch (final RollbackTransactionAsCommandIsNotApprovedByCheckerException e)
    {
        numberOfRetries = maxNumberOfRetries + 1;
        result = this.processAndLogCommandService.logCommand(e
        .getCommandSourceResult());
    }
}

return result;
}

@Override
public CommandProcessingResult approveEntry(final Long makerCheckerId) {

    final CommandSource commandSourceInput = validateMakerCheckerTransaction
    (makerCheckerId);
    validateIsUpdateAllowed();

```

Check user has permission for this action. if ok, a) parse the json request body, b) create a JsonCommand object to wrap the command details, c) use CommandProcessingService to handle command

```

    final AppUser maker = this.context.authenticatedUser(wrapper);

    CommandSource commandSourceResult = null;
    if (command.commandId() != null) {
        commandSourceResult = this.commandSourceRepository.findById(command.
        commandId()).orElse(null);
        commandSourceResult.markAsChecked(maker, ZonedDateTime.now(DateUtils
        .getDateTimeZoneOfTenant()));
    } else {
        commandSourceResult = CommandSource.fullEntryFrom(wrapper, command, maker);
    }
    commandSourceResult.updateResourceId(result.resourceId());
    commandSourceResult.updateForAudit(result.getOfficeId(), result.getGroupId(),
    result.getClientId(), result.getLoanId(),
        result.getSavingsId(), result.getProductId(), result.getTransactionId());

    String changesOnlyJson = null;
    boolean rollBack = (rollbackTransaction || result.isRollbackTransaction()) &&

```



```

!isApprovedByChecker;
    if (result.hasChanges() && !rollback) {
        changesOnlyJson = this.toApiJsonSerializer.serializeResult(result.getChanges
());
        commandSourceResult.updateJsonTo(changesOnlyJson);
    }

    if (!result.hasChanges() && wrapper.isUpdateOperation() && !wrapper
.isUpdateDatatable()) {
        commandSourceResult.updateJsonTo(null);
    }

    if (commandSourceResult.hasJson()) {
        this.commandSourceRepository.save(commandSourceResult);
    }

    if ((rollbackTransaction || result.isRollbackTransaction()) &&
!isApprovedByChecker) {
        /*
         * JournalEntry will generate a new transactionId every time. Updating the
transactionId with old
         * transactionId, because as there are no entries are created with new
transactionId, will throw an error
         * when checker approves the transaction
         */
        commandSourceResult.updateTransaction(command.getTransactionId());
        /*
         * Update CommandSource json data with JsonCommand json data, line 77 and 81
may update the json data
         */
        commandSourceResult.updateJsonTo(command.json());
        throw new RollbackTransactionAsCommandIsNotApprovedByCheckerException
(commandSourceResult);
    }
    result.setRollbackTransaction(null);

    publishEvent(wrapper.entityName(), wrapper.actionName(), command, result);

    return result;
}

@Transactional
@Override
public CommandProcessingResult logCommand(CommandSource commandSourceResult) {

    commandSourceResult.markAsAwaitingApproval();
    commandSourceResult = this.commandSourceRepository.saveAndFlush
(commandSourceResult);
}

```

```

        return new CommandProcessingResultBuilder().withCommandId(commandSourceResult
.getId())
                .withEntityId(commandSourceResult.getResourceId()).build();
    }

    private NewCommandSourceHandler findCommandHandler(final CommandWrapper wrapper) {
        NewCommandSourceHandler handler = null;

        if (wrapper.isDatatableResource()) {
            if (wrapper.isCreateDatatable()) {
                handler = this.applicationContext.getBean("createDatatableCommandHandler
", NewCommandSourceHandler.class);
            } else if (wrapper.isDeleteDatatable()) {

```



if a `RollbackTransactionAsCommandIsNotApprovedByCheckerException` occurs at this point. The original transaction will of been aborted and we only log an entry for the command in the audit table setting its status as 'Pending'.

- Check that if maker-checker configuration enabled for this action. If yes and this is not a 'checker' approving the command - rollback at the end. We rollback at the end in order to test if the command will pass 'domain validation' which requires commit to database for full check.
- `findCommandHandler` - Find the correct Hanlder to process this command.
- Process command using handler (In transactional scope).
- `CommandSource` object created/updated with all details for logging to 'm_portfolio_command_source' table.
- In update scenario, we check to see if there where really any changes/updates. If so only JSON for changes is stored in audit log.

Persistence

TBD

Database support

Fineract supports multiple databases:

- MySQL compatible databases (e.g. MariaDB)
- PostgreSQL

The platform differentiates between these database types in certain cases when there's a need to use some database specific tooling. To do so, the platform examines the JDBC driver used for running the platform and tries to determine which database is being used.

The currently supported JDBC driver and corresponding mappings can be found below.

JDBC driver class name	Resolved database type
<code>org.mariadb.jdbc.Driver</code>	MySQL
<code>com.mysql.jdbc.Driver</code>	MySQL
<code>org.postgresql.Driver</code>	PostgreSQL

The actual code can be found in the `DatabaseTypeResolver` class.

Data-access layer

The data-access layer of Fineract is implemented by using JPA (Java Persistence API) with the EclipseLink provider.

Despite the fact that JPA is used quite extensively in the system, there are cases where the performance is a key element for an operation therefore you can easily find native SQLs as well.

The data-access layer of Fineract is compatible with different databases. Since a lot of the native queries are using specific database functions, a wrapper class - `DatabaseSpecificSQLGenerator` - has been introduced to handle these database specifics. Whenever there's a need to rely on new database level functions, make sure to extend this class and implement the specific functions provided by the database.

Fineract has been developed for 10+ years by the community and unfortunately there are places where entity relationships are configured with `EAGER` fetching strategy. This must not confuse anybody. The long-term goal is to use the `LAZY` fetching strategy for every single relationship. If you're about to introduce a new one, make sure to use `LAZY` as a fetching strategy, otherwise your PR will be rejected.

Database schema migration

As for every system, the database structure will and need to evolve over time. Fineract is no different. Originally for Fineract, Flyway was used until Fineract 1.6.x.

After 1.6.x, PostgreSQL support was added to the platform hence there was a need to make the data-access layer and the schema migration as database independent as possible. Because of that, from Fineract 1.7.0, Flyway is not used anymore but Liquibase is.

Some of the changesets in the Liquibase changelogs have database specifics into it but they only run for the relevant databases. This is controlled by Liquibase contexts.

The currently available Liquibase contexts are:

- `mysql` - only set when the database is a MySQL compatible database (e.g. MariaDB)
- `postgresql` - only set when the database is a PostgreSQL database
- configured Spring active profiles

- `tenant_store_db` - only set when the database migration runs the Tenant Store upgrade
- `tenant_db` - only set when the database migration runs the Tenant upgrade
- `initial_switch` - this is a technical context and should **NOT** be used

The switch from Flyway (1.6.x) to Liquibase (1.7.x) was planned to be as smooth as possible so there's no need for manual work hence the behavior is described as following:

- If the database is empty, Liquibase will create the database schema from scratch
- If the database contains the latest Fineract 1.6.x database structure which was previously migrated with Flyway. Liquibase will seamlessly upgrade it to the latest version. Note: the Flyway related 2 database tables are left as they are and are not deleted.
- If the database contains an earlier version of the database structure than Fineract 1.6.x. Liquibase will **NOT** do anything and **will fail the application during startup**. The proper approach in this case is to first upgrade your application version to the latest Fineract 1.6.x so that the latest Flyway changes are executed and then upgrade to the newer Fineract version where Liquibase will seamlessly take over the database upgrades.

Validation

Programmatic

Use the `DataValidatorBuilder` [<https://github.com/apache/fineract/search?q=%22class+DataValidatorBuilder%22>], e.g. like so:

```
new DataValidatorBuilder().resource("fileUpload")
    .reset().parameter("Content-Length").value(contentLength).notBlank()
    .integerGreaterThanNumber(0)
    .reset().parameter("FormDataContentDisposition").value(fileDetails).notNull()
    .throwValidationErrors();
```

Such code is often encapsulated in `*Validator` [<https://github.com/apache/fineract/search?q=Validator>] classes (if more than a few lines, and/or reused from several places; avoid copy/paste), like so:

```
public class YourThingValidator {

    public void validate(YourThing thing) {
        new DataValidatorBuilder().resource("yourThing")
            ...
            .throwValidationErrors();
    }
}
```

Declarative

[FINERACT-1229](issues.apache.org/jira/browse/FINERACT-1229) is an open issue about adopting Bean Validation for *declarative* instead of *programmatic* (as above) validation. Contributions welcome!

Batch execution and jobs

Just like any financial system, Fineract also has batch jobs to achieve some processing on the data that's stored in the system.

The batch jobs in Fineract are implemented using [Spring Batch](https://docs.spring.io/spring-batch/docs/current/reference/html/) [https://docs.spring.io/spring-batch/docs/current/reference/html/]. In addition to the Spring Batch ecosystem, the automatic scheduling is done by the [Quartz Scheduler](http://www.quartz-scheduler.org/) [http://www.quartz-scheduler.org/] but it's also possible to trigger batch jobs via regular APIs.

Glossary

Job	A Job is an object that encapsulates an entire batch process.
Step	A Step is an object that encapsulates an independent phase of a Job.
Chunk oriented processing	Chunk oriented processing refers to reading the data one at a time and creating 'chunks' that are written out within a transaction boundary.
Partitioning	Partitioning refers to the high-level idea of dividing your data into so called partitions and distributing the individual partitions among Workers. The splitting of data and pushing work to Workers is done by a Manager.
Remote partitioning	Remote partitioning is a specialized partitioning concept. It refers to the idea of distributing the partitions among multiple JVMs mainly by using a messaging middleware.
Manager node	The Manager node is one of the objects taking a huge part when using partitioning. The Manager node is responsible for dividing the dataset into partitions and keeping track of all the divided partitions' Worker execution. When all Workers nodes are done with their partitions, the Manager will mark the corresponding Job as completed.

Worker node	A Worker node is the other important party in the context of partitioning. The Worker node is the one executing the work needed for a single partition.
--------------------	---

Batch jobs in Fineract

Types of jobs

The jobs in Fineract can be divided into 2 categories:

- Normal batch jobs
- Partitionable batch jobs

Most of the jobs are normal batch jobs with limited scalability because Fineract is still passing through the evolution on making most of them capable to process a high-volume of data.

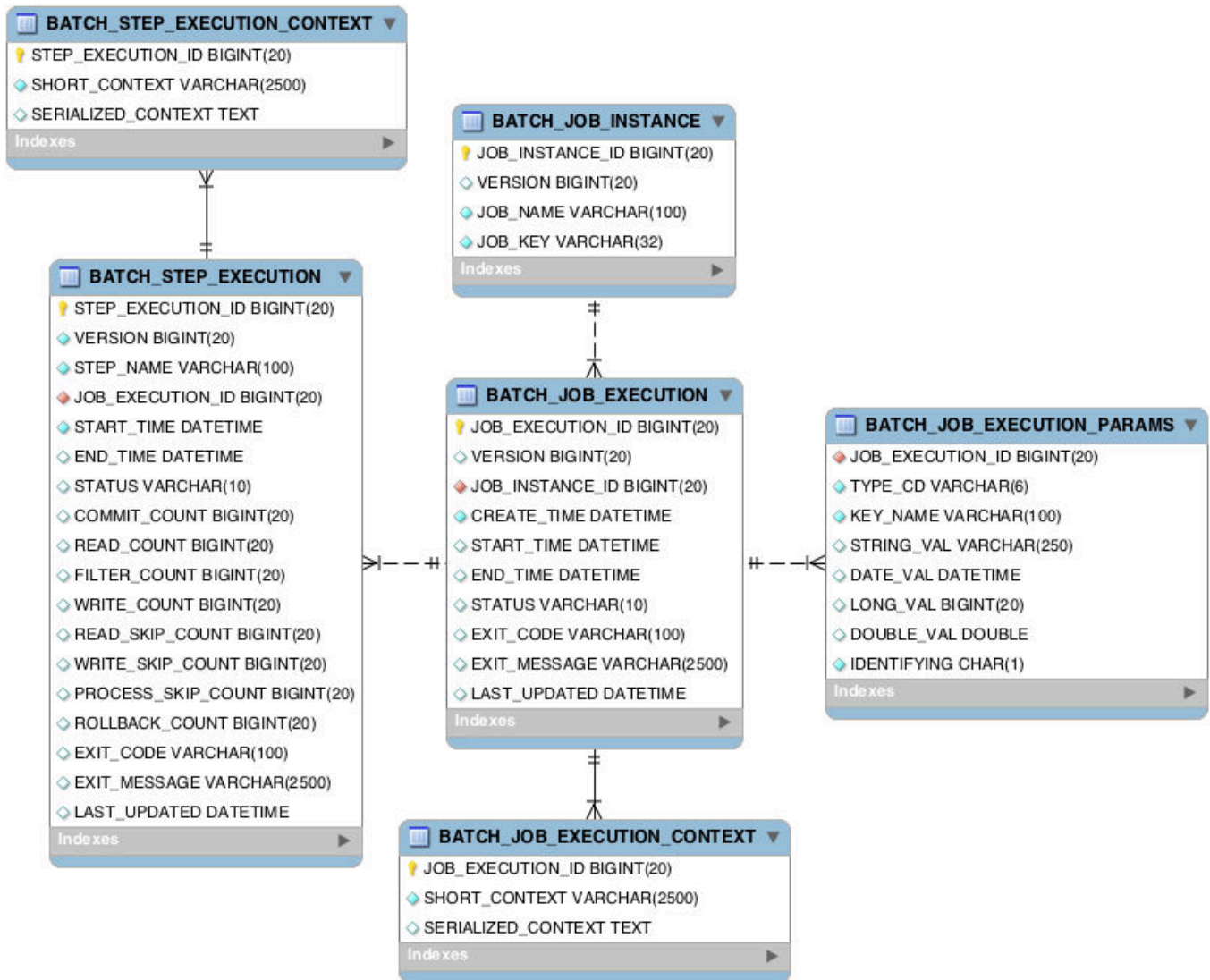
List of jobs

Job name	Active by default	Partitionable	Description
LOAN_CLOSE_OF_BUSINESS	No	Yes	TBD

Batch job execution

State management

State management for the batch jobs is done by the Spring Batch provided state management. The data model consists of the following database structure:



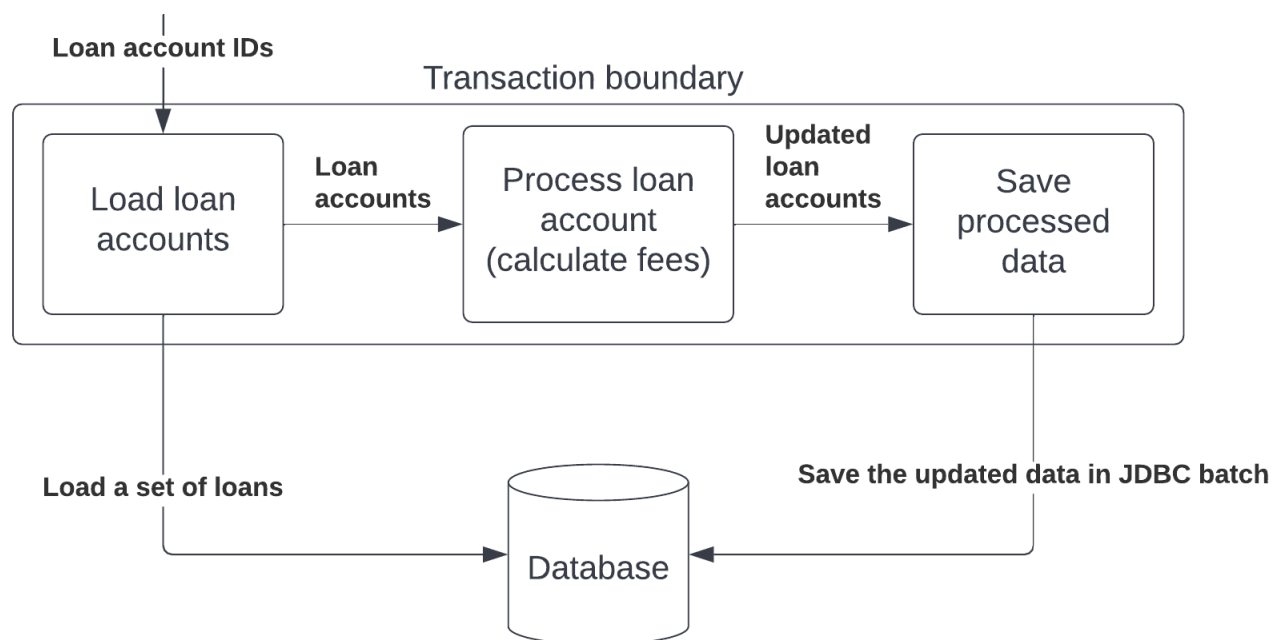
The corresponding database migration scripts are shipped with the Spring Batch core module under the `org.springframework.batch.core` package. They are only available as native scripts and are named as `schema-sql` where *sql* is the short name of the database platform. For MySQL it's called `schema-mysql.sql` and for PostgreSQL it's called `schema-postgresql.sql`.

When Fineract is started, the database dependent schema SQL script will be picked up according to the datasource configurations.

Chunk oriented processing

Chunking data has not been easier. Spring Batch does a really good job at providing this capability.

In order to save resources when starting/committing/rollbacking transactions for every single processed item, chunking shall be used. That way, it's possible to mark the transaction boundaries for a single processed chunk instead of a single item processing. The image below describes the flow with a very simplistic example.



In addition to not opening a lot of transactions, the processing could also benefit from JDBC batching. The last step - writing the result into the database - collects all the processed items and then writes it to the database; both for MySQL and PostgreSQL (the databases supported by Fineract) are capable of grouping multiple DML (INSERT/UPDATE/DELETE) statements and sending them in one round-trip, optimizing the data being sent over the network and granting the possibility to the underlying database engine to enhance the processing.

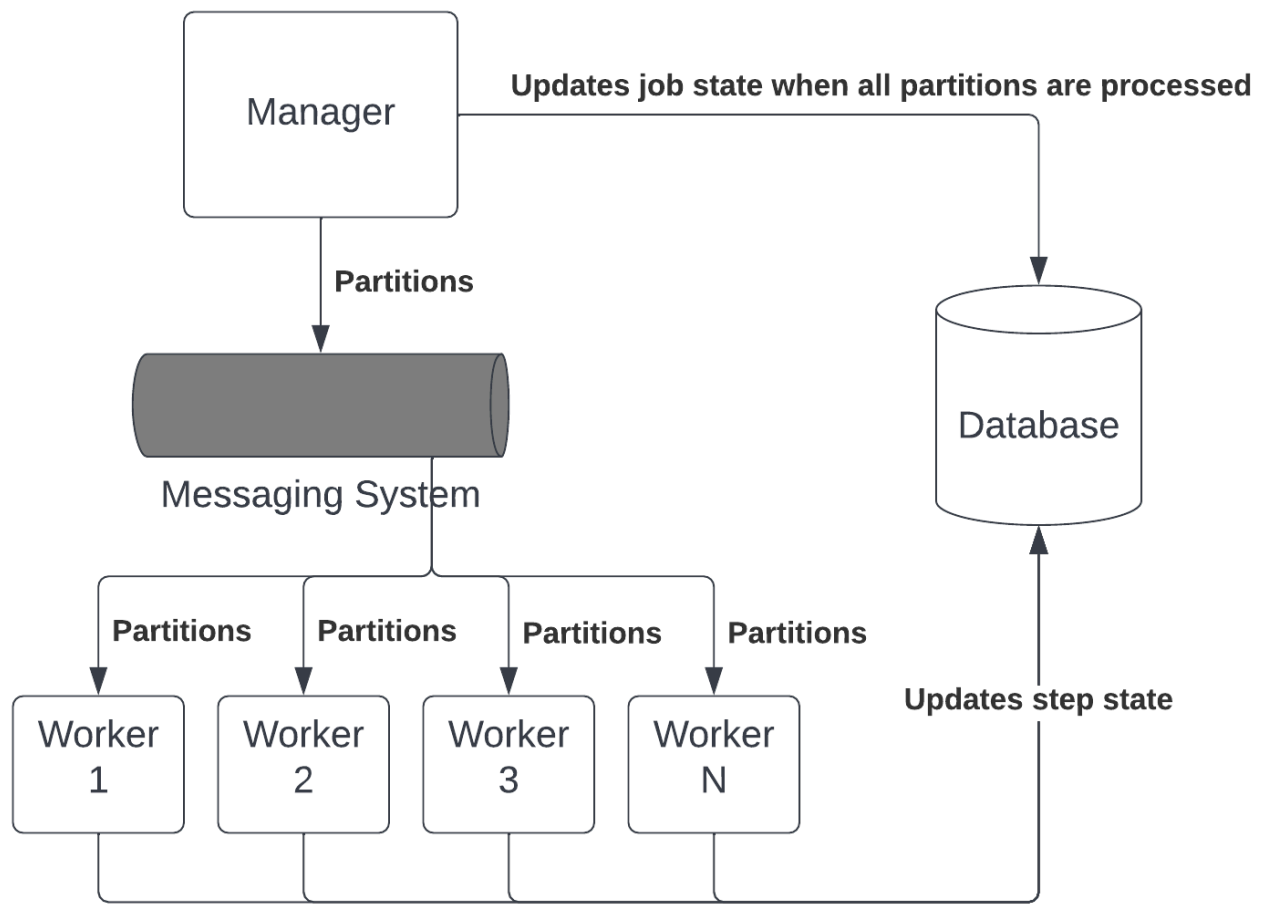
Remote partitioning

Spring Batch provides a really nice way to do remote partitioning. The 2 type of objects in this setup is a manager node - who splits and distributes the work - and a number of worker nodes - who picks up the work.

In remote partitioning, the worker instances are receiving the work via a messaging system as soon as the manager splits up the work into smaller pieces.

Remote partitioning could be done 2 ways in terms of keeping the job state up-to-date. The main difference between the two is how the manager is notified about partition completions.

One way is that they share the same database. When the worker does something to a partition - for example picks it up for processing - it updates the state of that partition in the database. In the meantime, the manager regularly polls the database until all partitions are processed. This is visualized in the below diagram.



An alternative approach to this - when the database is not intended to be shared between manager and workers - is to use a messaging system (could be the same as for distributing the work) and the workers could send back a message to the manager instance, therefore notifying it about failure/completion. Then the manager can simply keep the database state up-to-date.

Even though the alternative solution decouples the workers even better, we thought it's not necessary to add the complexity of handling reply message channel to the manager.

Also, please note that the partitioned job execution is multitenant meaning that the workers will receive which tenant it should do the processing for.

Supported message channels

For remote partitioning, the following message channels are supported by Fineract:

- Any JMS compatible message channels (ActiveMQ, Amazon MQ, etc)

Fault-tolerance scenarios

There are multiple fault tolerance use-cases that this solution must and will support:

1. If the manager fails during partitioning
2. If the manager completes the partitioning and the partition messages are sent to the broker but while the manager is waiting for the workers to finish, the manager fails
3. If the manager runs properly and during a partition processing a worker instance fails

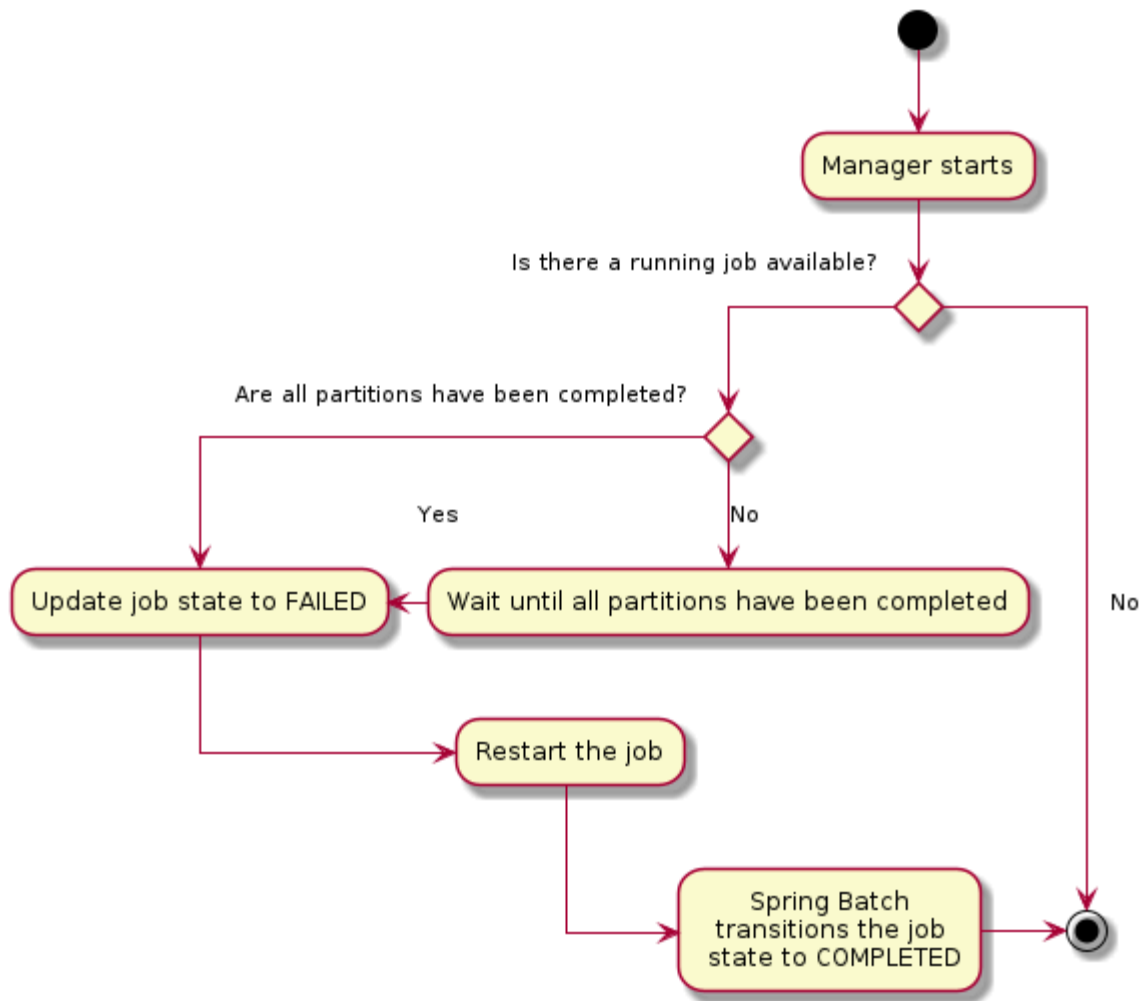
In case of scenario 1), the simple solution is to re-trigger the job via API or via the Quartz scheduler.

In case of scenario 2), there's no out-of-the-box solution by Spring Batch. Although there's a custom mechanism in place that'll resume the job upon restarting the manager. There are 2 cases in the context of this scenario:

- If all the partitions have been successfully processed by workers
- If not all the partitions have been processed by the workers

In the first case, we'll simply mark the stuck job as **FAILED** along with its partitioning step and instruct Spring Batch to restart the job. The behavior in this case will be that Spring Batch will spawn a new job execution but will notice that the partitions have all been completed so it's not going to execute them once more.

In the latter case, the same will happen as for the first one but before marking the job execution as **FAILED**, we'll wait until all partitions have been completed.



In case of scenario 3), another worker instance will take over the partition since it hasn't been finished.

Configurable batch jobs

There's another type of distinction on the batch jobs. Some of them are configurable in terms of their behavior.

The currently supported configurable batch jobs are the following:

- LOAN_CLOSE_OF_BUSINESS

The behavior of these batch jobs are configurable. There's a new terminology we're introducing called **business steps**.

Business steps

Business steps are a smaller unit of work than regular Spring Batch Steps and the two are not meant to be mixed up because there's a large difference between them.

A Spring Batch Step's main purpose is to decompose a bigger work into smaller ones and making sure that these smaller Steps are properly handled within a single database transaction.

In case of a business step, it's a smaller unit of work. Business steps live **within** a Spring Batch Step. Fundamentally, they are simple classes that are implementing an interface with a single method that contains the business logic.

Here's a very simple example:

```
public class MyCustomBusinessStep implements BusinessStep<Loan> {
    @Override
    public Loan process(Loan loan) {
        // do something
    }
}
```

```
public class LoanCOBItemProcessor implements ItemProcessor<Loan, Loan> {
    @Override
    public Loan process(Loan loan) {
        List<BusinessStep<Loan>> bSteps = getBusinessSteps();
        Loan result = loan;
        for (BusinessStep<Loan> bStep : bSteps) {
            result = bStep.process(result);
        }
        return result;
    }
}
```

Business step configuration

The business steps are configurable for certain jobs. The reason for that is because we want to allow the possibility for Fineract users to configure their very own business logic for generic jobs, like the Loan Close Of Business job where we want to do a formal "closing" of the loans at the end of the day.

All countries are different with a different set of regulations. However in terms of behavior, there's no all size fits all for loan closing.

For example in the United States of America, you might need the following logic for a day closing:

1. Close fully repaid loan accounts
2. Apply penalties
3. Invoke IRS API for regulatory purposes

While in Germany it should be:

1. Close fully repaid loan accounts
2. Apply penalties

3. Do some fraud detection on the account using an external service
4. Invoke local tax authority API for regulatory purposes

These are just examples, but you get the idea.

The business steps are configurable through APIs:

Retrieving the configuration for a job:

```
GET /fineract-provider/api/v1/jobs/{jobName}/steps?tenantIdentifier={tenantId}
HTTP 200

{
  "jobName": "LOAN_CLOSE_OF_BUSINESS",
  "businessSteps": [
    {
      "stepName": "APPLY_PENALTY_FOR_OVERDUE_LOANS",
      "order": 1
    },
    {
      "stepName": "LOAN_TAGGING",
      "order": 2
    }
  ]
}
```

Updating the business step configuration for a job:

```
PUT /fineract-provider/api/v1/jobs/{jobName}/steps?tenantIdentifier={tenantId}

{
  "businessSteps": [
    {
      "stepName": "LOAN_TAGGING",
      "order": 1
    },
    {
      "stepName": "APPLY_PENALTY_FOR_OVERDUE_LOANS",
      "order": 2
    }
  ]
}
```

The business step configuration for jobs are tracked within the database in the `m_batch_business_steps` table.

Loan account locking

Keeping a consistent state of loan accounts become quite important when we start talking about doing a business day closing each day for loans.

There are 2 concepts for loan account locking:

1. Soft-locking loan accounts
2. Hard-locking loan accounts

Soft-locking simply means that when the Loan COB has been kicked off but workers not yet processing the chunk of loan accounts (i.e. the partition is waiting in the queue to be picked up) and during this time a real-time write request (e.g. a repayment/disbursement) comes in through the API, we simply do an "inlined" version of the Loan COB for that loan account. From a practical standpoint this will mean that before doing the actual repayment/disbursement on the loan account on the API, we execute the Loan COB for that loan account, kind of like prioritizing it.

Hard-locking means that when a worker picks up the loan account in the chunk, real-time write requests on those loan accounts will be simply rejected with an **HTTP 409**.

The locking is strictly tied to the Loan COB job's execution but there could be other processes in the future which might want to introduce new type of locks for loans.

The loan account locking is solved by maintaining a database table which stores the locked accounts, it's called **m_loan_account_locks**.

When a loan account is present in the table above, it simply means there's a lock applied to it and whether it's a soft or hard lock can be determined by the **lock_owner** column.

And when a loan account is locked, loan related write API calls will be either rejected or will trigger an inline Loan COB execution. There could be a corner case here when the Loan COB fails to process some loan accounts (due to a bug, inconsistency, etc) and the loan accounts stay locked. This is an intended behavior to mark loans which are not supposed to be used until they are "fixed".

Since the fixing might involve making changes to the loan account via API (for example doing a repayment to fix the loan account's inconsistent state), we need to allow those API calls. Hence, the lock table includes a **bypass_enabled** column which disables the lock checks on the loan write APIs.

Technology

- Java: www.oracle.com/technetwork/java/javase/downloads/index.html
- JAX-RS using Jersey
- JSON using Google GSON
- Spring I/O Platform: spring.io/platform

- Spring Framework
- Spring Boot
- Spring Security
- Spring Data (JPA) backed by EclipseLink
- MySQL: www.oracle.com/us/products/mysql/overview/index.html
- PostgreSQL

TBD

Modules

Currently modules are a proof of concept feature in Fineract.

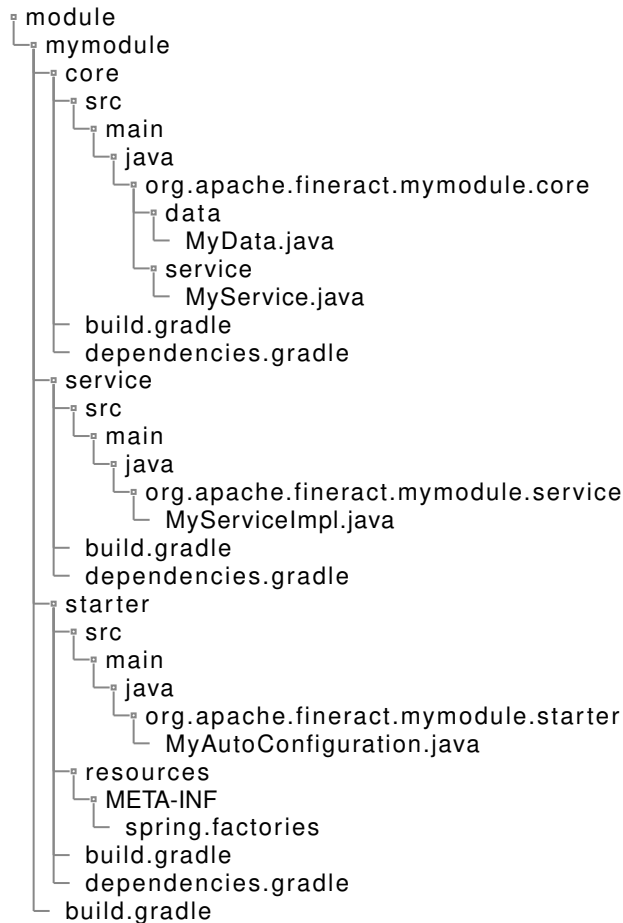
How to create a Fineract module



At the moment the only module we have that follows these stricter guidelines is the example module we describe in detail in the next section. In the future we will try to split up Fineract's monolithic code base and move features (like loan product, accounts etc.) to separate modules as described here. Before that happens we need to do some code cleanups first.

1. Create a folder under **module** and name it *mymodule*.
2. Create a folder named *core* under **module/mymodule**.
3. Create a folder named *service* under **module/mymodule**.
4. Create a folder named *starter* under **module/mymodule**.
5. Setup folders and Gradle build files for a Java project under **core**, **service** and **starter**.
6. Create a text file called `_spring.factories` in folder **modules/mymodule/starter/src/main/resources/META-INF**.

The final folder and file structure should look somewhat like this:



7. Make sure that your new modules are present in settings.gradle:

```
rootProject.name='fineract'
include ':module:mymodule:core' ①
include ':module:mymodule:service'
include ':module:mymodule:starter'
include ':fineract-provider'
include ':fineract-war'
include ':integration-tests'
include ':twofactor-tests'
include ':oauth2-tests'
include ':fineract-client'
include ':fineract-doc'
```

① The `settings.gradle` file should contain something like this (and following).

How to replace an existing Fineract service

Creating customizations for Fineract services is easy. The method described here will work both with our future module guidelines (aka "clean room" modules) and with the intermediary solution we will put in place to avoid major refactorings.

You can of course choose whatever folder/project structure you like for your custom modules. But we'll describe here some best practices to avoid merge conflicts when fetching updates from Fineract's upstream Git repository. For the time being we suggest to create your custom modules in the same folder as Fineract in a forked Git repo.

As soon as we can publish Fineract module JARs to Maven Central you'll have more freedom to setup your projects (including to setup separate Git repos).

1. Create a folder under **custom** and name it *mycustom*.
2. Create a folder named *service* under **custom/mycustom**.
3. Setup folders and Gradle build files for a Java project under **service**.
4. Create a text file called `_spring.factories` in folder **modules/mymodule/starter/src/main/resources/META-INF**:

```
org.springframework.boot.autoconfigure.EnableAutoConfiguration=\
org.apache.fineract.mymodule.starter.MyAutoConfiguration
```

The final folder and file structure should look somewhat like this:

```
├── custom
│   └── mycustom
│       ├── service
│       │   ├── src
│       │   │   ├── main
│       │   │   │   ├── java
│       │   │   │   │   └── org.apache.fineract.mymodule.service
│       │   │   │   │       └── MyServiceImpl.java
│       │   ├── build.gradle
│       │   └── dependencies.gradle
│       └── build.gradle
```

Please make sure that your **service** module's `build.gradle` file has a unique group:

```
description = 'My Company: Fineract My Custom Service'

group = 'com.mycompany.fineract.custom.service' ①

apply from: 'dependencies.gradle'
```

① The best choice here is to name it like you would name your JAR artifact on Maven Central.

5. Make sure that your custom modules are present in `settings.gradle` :

```

rootProject.name='fineract'
include ':custom:mycustom:service' ①
include ':fineract-provider'
include ':fineract-war'
include ':integration-tests'
include ':twofactor-tests'
include ':oauth2-tests'
include ':fineract-client'
include ':fineract-doc'

```

① The `settings.gradle` file should contain something like this.

6. The `dependency.gradle` file could look something like this:

```

dependencies {
    implementation(project(':module:mymodule:core'), ①
        'org.springframework:spring-context')
    compileOnly project(':fineract-provider') ②
}

```

- ① If you are replacing a "clean room" module then you just need to include a dependency on the modules `core` library.
 - ② If you are replacing a service that is not yet extracted from `fineract-provider` then you need to add a dependency on it (only needed during compilation).
1. When the custom module is built then you can add the JAR in your Fineract's libs folder (or in Tomcat's libs folder if you are deploying as a WAR app).



Do not include your custom module in `fineract-provider's` `dependency.gradle` file. This creates a circular dependency and will fail your build. Instead you have to add your JAR file e. g. to the Docker image (in Fineract's libs folder; similar like we do it with Pentaho reporting). This setup will give you the best developer experience for now with proper source references until we have separate JAR files ready on Maven Central. In the next section we describe the "clean room" (read: where we want to go) type of modules and their customization/replacement; so don't be confused if you see the dependency appearing in `fineract-provider's` `dependency.gradle`, in the future you'll be able to do that.

Example

Dummy Module Structure

We've created a demonstration how modules are supposed to be used. A module has usually at least two sub-modules:

1. a *core* module that contains mostly Java interfaces of the services and/or other components that we'd like to make replaceable. The *core* module could also contain data (DTO) or domain (entity) classes if necessary.
2. a *service* module



Replacing parts of the existing REST API and extending it with custom endpoints is at the moment out of scope. Probably we'll need to cleanup and improve the REST layer quite a bit (remove boilerplate code as much as possible, use Jackson for JSON de-/serialization instead of the manual GSON mappers/helper everywhere) before this can happen. For now we'll concentrate primarily on service classes.

Let's assume we have a service `DummyService` in our system. The service is outlined as a Java interface in module folder `module/dummy/core`.

```
package org.apache.fineract.dummy.core.service;

import org.apache.fineract.dummy.core.data.DummyMessage;

public interface DummyService {

    DummyMessage getMessage();

}
```

To make it a little bit more interesting the service's only function returns a simple data object that has one string attribute:

```
package org.apache.fineract.dummy.core.data;

public class DummyMessage {

    private String message;

    public DummyMessage(String message) {
        this.message = message;
    }

    public String getMessage() {
        return message;
    }

    public void setMessage(String message) {
        this.message = message;
    }

}
```

A default implementation of `DummyService` is provided with `DummyServiceImpl`:

```
package org.apache.fineract.dummy.service;

import org.apache.fineract.dummy.core.data.DummyMessage;
import org.apache.fineract.dummy.core.service.DummyService;

public class DummyServiceImpl implements DummyService {

    @Override
    public DummyMessage getMessage() {
        return new DummyMessage("Hello: DEFAULT DUMMY!");
    }
}
```

As you can see there are no annotations like `@Service` or `@Component`. To have full control over the instantiation and dependency injection we provide a so called *starter* module. This module just contains one or more (auto-) configuration classes. In this case it's just one configuration class. This is basically a very simple Spring Java configuration class annotated with `@Configuration` containing one method that instantiates our default service implementation (annotated with `@Bean`):

```
package org.apache.fineract.dummy.starter;

import org.apache.fineract.dummy.core.service.DummyService;
import org.apache.fineract.dummy.service.DummyServiceImpl;
import org.springframework.boot.autoconfigure.condition.ConditionalOnMissingBean;
import org.springframework.context.annotation.Bean;
import org.springframework.context.annotation.Configuration;

@Configuration
@ConditionalOnMissingBean(DummyService.class)
public class DummyAutoConfiguration {

    @Bean
    public DummyService dummyService() {
        return new DummyServiceImpl();
    }
}
```

The interesting part is this line:

```
@ConditionalOnMissingBean(DummyService.class)
```

This annotation ensures that our default implementation is only instantiated if no other

implementation for `DummyService` is provided. There's only one piece missing to make auto configuration work seamlessly and without any explicit configuration in `fineract-provider`:

```
org.springframework.boot.autoconfigure.EnableAutoConfiguration=\
org.apache.fineract.dummy.starter.DummyAutoConfiguration
```

This means if we would only include the following dependencies in our main project (e. g. `fineract-provider`)...

```
dependencies {
    implementation project(':module:dummy:core')
    implementation project(':module:dummy:service')
    implementation project(':module:dummy:starter')
}
```

... then the message object would contain

```
Hello: DEFAULT DUMMY!
```

Replace the default implementation of `DummyService`

This is why we created module `foo` in folder `module/foo`. There's only one sub-module that contains an implementation of `DummyService` that will replace the default implementation:

```
package com.acmecorp.fineract.foo.service;

import org.apache.fineract.dummy.core.data.DummyMessage;
import org.apache.fineract.dummy.core.service.DummyService;
import org.springframework.stereotype.Service;

@Service
public class FooDummyServiceImpl implements DummyService {

    @Override
    public DummyMessage getMessage() {
        return new DummyMessage("Hello: FOO!");
    }
}
```

As you can see we have no other sub-modules (e. g. there's no starter module) and this implementation contains the well known `@Service` annotation. If we add this dependency to our main project...

```
dependencies {  
  implementation project(':module:dummy:core')  
  implementation project(':module:dummy:service')  
  implementation project(':module:dummy:starter')  
  implementation project(':custom:foo:service')  
}
```

... then the expected behavior is that we'll get the message

```
Hello: Foo!
```

Testing

There's a simple unit test in `fineract-provider` that demonstrates both scenarios (without any override of the default implementation and with an overriding alternative implementation)

```
#
# Licensed to the Apache Software Foundation (ASF) under one
# or more contributor license agreements. See the NOTICE file
# distributed with this work for additional information
# regarding copyright ownership. The ASF licenses this file
# to you under the Apache License, Version 2.0 (the
# "License"); you may not use this file except in compliance
# with the License. You may obtain a copy of the License at
#
# http://www.apache.org/licenses/LICENSE-2.0
#
# Unless required by applicable law or agreed to in writing,
# software distributed under the License is distributed on an
# "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
# KIND, either express or implied. See the License for the
# specific language governing permissions and limitations
# under the License.
#
```

Feature: Example Modules

@modules

Scenario Outline: Verify that the dummy service returns the correct message

Given A dummy service configuration <configurationClass>

When The user gets the dummy service message

Then The dummy service message should match <message>

Examples:

	configurationClass	message
DUMMY!	org.apache.fineract.module.example.TestDefaultConfiguration	Hello: DEFAULT
	org.apache.fineract.module.example.TestFooConfiguration	Hello: FOO!

Here's the Spring Java configuration that does **NOT** load the **foo** module:

```
package org.apache.fineract.module.example;

import org.apache.fineract.infrastructure.core.config.FineractProperties;
import org.springframework.boot.context.properties.EnableConfigurationProperties;

@EnableConfigurationProperties({ FineractProperties.class })
public class TestDefaultConfiguration {}
```

... and here's the configuration that loads the `foo` module (and overrides the default implementation)

```
package org.apache.fineract.module.example;

import org.apache.fineract.infrastructure.core.config.FineractProperties;
import org.springframework.boot.context.properties.EnableConfigurationProperties;
import org.springframework.context.annotation.ComponentScan;

@EnableConfigurationProperties({ FineractProperties.class })
@ComponentScan("com.acmecorp.fineract.foo")
public class TestFooConfiguration {}
```

The important part in the `foo` configuration is this line:

```
@ComponentScan("com.acmecorp.fineract.foo")
```

Deployment

Modules (better: the JAR files) only need to be dropped in Fineract's `libs` folder. Dynamic loading of external JARs is provided since Fineract version 1.5.0.

How can I start replacing services now

As said the "clean room" modules will take a while to arrive. In the meanwhile we'll prepare the existing monolithic code base for pluggability. As a proof of concept the services `org.apache.fineract.portfolio.note.service.NoteReadPlatformService` and `org.apache.fineract.portfolio.note.service.NoteWritePlatformService` can be replaced/overridden by custom implementations. We'll add more shortly and will list them here. Reach out on the mailing list if you need a specific service to be replaceable.

Outlook

If this proof of concept is accepted we could refactor Fineract's services one by one and rearrange them in the proposed module structure. As discussed at ApacheCon 2021 there will be most likely some work to do to properly extract those modules (loan product, client, savings account etc.) from the monolithic code base. The main challenge are cross-dependencies between the *modules*, but there are major benefits if we split up the code like this. One - as demonstrated - is the replacement of existing default functionality. But with modules we'll also be able to finally publish Fineract JAR files to Maven Central. Those JAR files can be used to write extensions and customizations **WITHOUT** forking the whole Fineract Github repository. With modules users will also be able to create custom Fineract distributions, e. g. slimmed down to contain only the bare minimum needed in production.

Introducing Business Date into Fineract - Community version

Business date as a concept does not exist as of now in Fineract. It would be business critical to add such a functionality to support various banking functionalities like “Closing of Business day”, “Having Closing of Business day relevant jobs”, “Supporting logical date management”.

Glossary

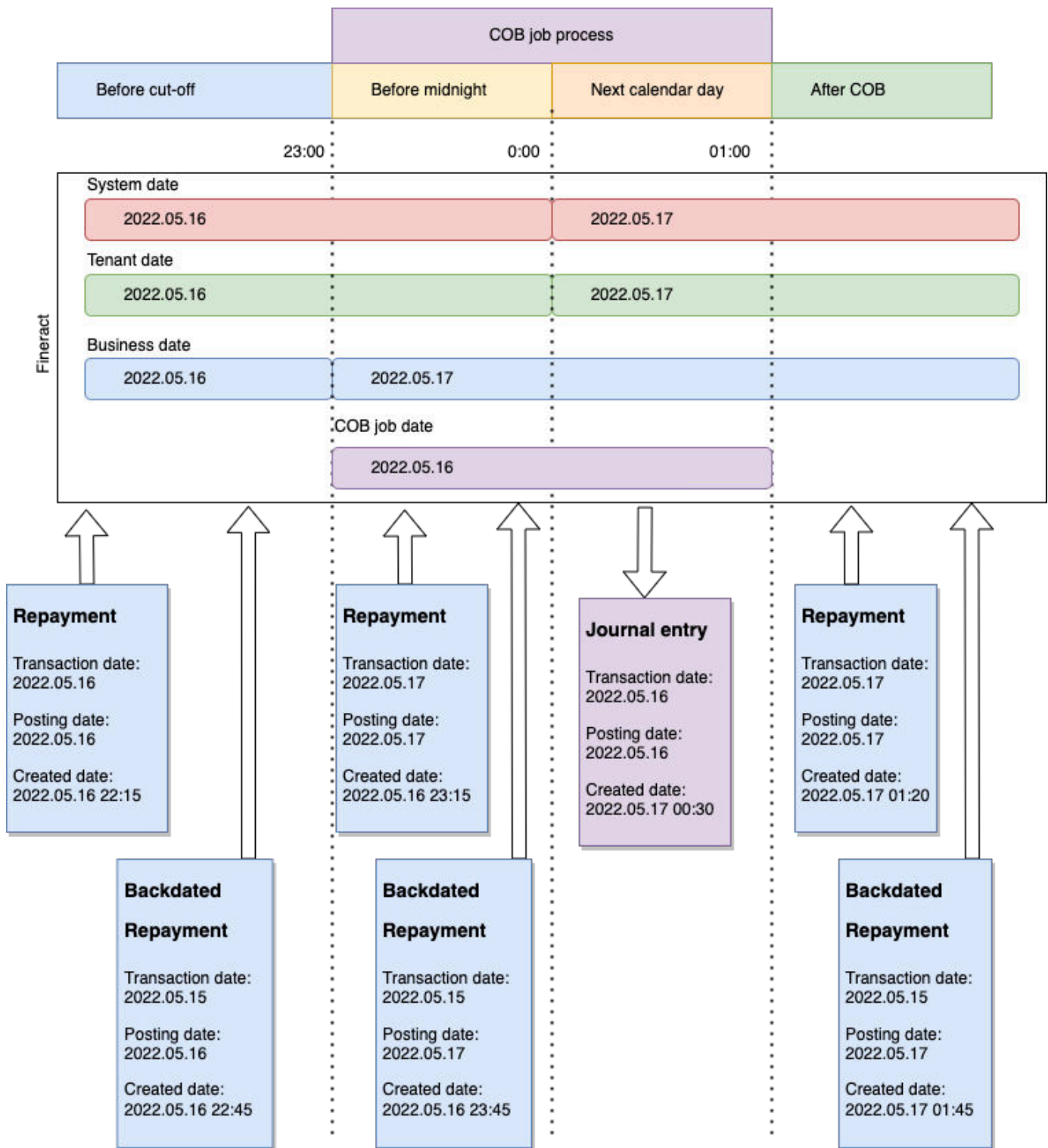
*COB	Close of Business; concept of closing a business day
*Business day	Timeframe that logically group together actions on a particular business date
*Business date	Logical date; its value is not tied to the physical calendar. Represents a business day
*Cob date	Logical date; Represents the business date for actions during COB job execution
*Created date	When the transaction was created (audit purposes). Date + time
*Last modified date	When the transaction was last modified (audit purposes). Date + time
*Submitted on date / Posting date	When the transaction was posted. Tenant date or business date (depends on whether the logical date concept was introduced or not)
*Transaction date / Value date	The date on which the transaction occurred or to be accounted for

Current behaviour

- Fineract support 3 types of dates:
 - System date
 - Physical/System date of the running environment
 - Tenant date
 - Timezoned version of the above system date
 - User-provided date
 - Based on the provided date (as string) and the provided date format
- There is no support of logical date concept
 - Independent from the system / tenant date

- Jobs are scheduled against system date (CRON), but aligned with the tenant timezone.
- During the job execution all the data and transactions are using the actual tenant date
 - It could happen some transactions are written for 17th of May and other for 18th of May, if the job was executed around midnight
- There is no support of COB
 - No backdated transactions by jobs
 - There is no support to logically group together transactions and store them with the same transaction date which is independent of the physical calendar of the tenant
- All the transactions and business logic are tied to a physical calendar

Business date



Design

By introducing the business day concept we are not tied anymore to the physical calendar of the system or the tenant. We got the ability to define our own business day boundaries which might end 15 minutes before midnight and any incoming transactions after the cutoff will be accounted for the following business day.

It is a logical date which makes it possible to separate the business day from the physical calendar:

- Close a business day before midnight
- Close a business day at midnight
- Close a business day after midnight

Closing a Business Day could be a longer process (see COB jobs) meanwhile some processes shall still be able to create transactions for that business day (COB jobs), but others are meant to create the transactions for the next (incoming transactions): Business date concept is there to sort that out.

Business date concept is essential when:

- Having COB jobs:
 - When the COB was triggered:
 - All the jobs which processing the data must still accounted for actual business day
 - All the incoming transactions must be accounted to the next business day
- Business day is ending before / after midnight (tenant date / system date)
- Testing purposes:
 - Since the transactions and job execution is not tied anymore to a physical calendar, we can easily test a whole loan lifecycle by altering the business date
- Handling disruption of service: For any unseen reason the system goes down or there are any disruption in the workflow, the “missed days” can easily be processed one by one as nothing happened
 - There is a disruption at 2022-06-02
 - The issue is fixed by 2022-06-05
 - The COB flow can be executed for 2022-06-03 and when it is finished for 2022-06-04 and after when the time arrives for 2022-06-05

This logical date is manageable via:

- Job
- API

To maintain such separation from physical calendar we need to introduce the following new dates:

- Business date
- COB date
 - Can be calculated based on the actual business date
 - Depend on COB date strategy (see below)

Business date

The - logical - date of the actual business day, eg: 2022-05-06

- It does not support time parts
- It can be managed manually (via API call) or automatically (via scheduled job)
- All business actions during the business day shall use this date:
 - Posting / submitted on date of transactions
 - Submitted on date of actions
 - (Regular) jobs
- It will be used in every situation where the transaction date / value date is not provided by the user or the user provided date shall be validated.
 - Opening date
 - Closing date
 - Disbursal date
 - Transaction/Value date
 - Posting/Submitted date
 - Reversal date
- Will not be use for audit purposes:
 - Created on date
 - Updated on date

COB date

The - logical - date of the business day for job execution, eg: 2022-05-05

- It can be calculated based on the the business date
 - COB date = business date - 1 day
 - Automatically modified alongside with the business date change
- It does not support time parts
- It is automatically managed by business date change
 - Configurable
- It is used only via COB job execution
 - When we create / modify any business data during the COB job execution, the COB date is to be used:
 - Posting date of transactions
 - Submitted on date of actions

- Transaction / value date of any actions

Some basic example

Apply for a loan

#1

Tenant date: 2022-05-23 14:22:12

Business date: 2022-05-22

Submitted on date: 2022-05-23

Outcome: **FAIL**

Message: **The date on which a loan is submitted cannot be in the future.**

Reason: Even the tenant date is 2022-05-23, but the business date was 2022-05-22 which means anything further that date must be considered as a future date.

#2

Tenant date: 2022-05-23 14:22:12

Business date: 2022-05-22

Submitted on date: 2022-05-22

Outcome: **SUCCESS**

Loan application details:

- Submitted on date: 2022-05-22

Repayment for a loan

#1

Tenant date: 2022-05-25 11:22:12

Business date: 2022-05-24

Transaction date: 2022-05-25

Outcome: **FAIL**

Message: **The transaction date cannot be in the future.**

Reason: Even the physical date is 2022-05-25, but the business date was 2022-05-24 which means

anything further that date must be considered as a future date.

#2

Tenant date: 2022-05-25 11:22:12

Business date: 2022-05-24

Transaction date: 2022-05-23

Outcome: **SUCCESS**

Loan transaction details:

- Submitted on date: 2022-05-24
- Transaction date: 2022-05-23
- Created on date: 2022-05-25 11:22:12

Changes in Fineract

We shall modify at all the relevant places where the tenant date was used:

- With very limited exceptions all places where the tenant date is used we need to modify to use the business date.
- Replace system date with tenant date or business date (exceptions may apply)
- Add missing Value dates and Posting dates to entities
- Having a generic naming conventions for JPA fields and DB fields
- Renaming the fields accordingly
- Evaluate value date (transaction date) and posting date (submitted on date), created on date usages
- Jobs to be checked and modified accordingly
- Native queries to be checked and modified accordingly
- Reports to be checked and modified accordingly
- Every table where update is supported the AbstractAuditableCustom should be implemented
- Amend Transactions and Journal entries date handling to fit for business date concept
- For audit fields we shall introduce timezoned datetimes and store them in database accordingly
 - Storing DATETIME fields without Timezone is potential problem due to the daylight savings
 - Also some external libs (like Quartz) are using system timezone and Fineract will using Tenant timezone for audit fields. To be able to distinct them in DB we shall use DATETIME with TIMESTAMP column types and use timezoned java time objects in the application

Fineract Development Environment

TBD

Git

TBD

GPG

TBD

Committers

Please make sure to provide your GPG fingerprint in your Apache committer profile at id.apache.org.

Docker

TBD

Docker Compose

TBD

Podman

TBD

Rancher Docker Desktop

TBD

Gradle

TBD

IDE

TBD

IntelliJ

TBD

Eclipse

TBD

VSCode

TBD

Kubernetes

TBD

Minikube

TBD

Microk8s

TBD

K3d

TBD

Helm Charts

TBD

Tools

TBD

SDKMAN

We recommend using SKDMAN to manage the following developer tools:

- JDK
- Spring Boot CLI
- Gradle (if you need a global installation)
- AsciiDoctorJ

TBD

Brew

MacOS

TBD

Linux

TBD

Security

TBD

OAuth

Fineract has a (basic) OAuth2 support based on Spring Boot Security. Here's how to use it:

Build

You must re-build the distribution JAR (or WAR) using the special `-Psecurity=oauth` flag:

```
./gradlew bootRun -Psecurity=oauth
```

Downloads from fineract.apache.org, or using e.g. the hub.docker.com/r/apache/fineract container image, or on www.fineract.dev, this will not work, because they have not been built using this flag.

Previous versions of Fineract included a built-in authorisation server for issuing OAuth tokens. However, as the `spring-security-oauth2` package was deprecated and replaced by built-in OAuth support in Spring Security, this is no longer supported as part of the package. Instead, you need to run a separate OAuth authorization server (e.g. github.com/spring-projects/spring-authorization-server) or use a 3rd-party OAuth authorization provider (en.wikipedia.org/wiki/List_of_OAuth_providers)

This instruction describes how to get Fineract OAuth working with a Keycloak (keycloak.org) based authentication provider running in a Docker container. The steps required for other OAuth providers will be similar.

Set up Keycloak

1. From terminal, run: `'docker run -p 9000:8080 -e KEYCLOAK_USER=admin -e KEYCLOAK_PASSWORD=admin quay.io/keycloak/keycloak:15.0.2'`
2. Go to URL `'http://localhost:9000/auth/admin'` and login with `admin/admin`
3. Hover your mouse over text "Master" and click on "Add realm"
4. Enter name "fineract" for your realm
5. Click on tab "Users" on the left, then "Add user" and create user with username "mifos"
6. Click on tab "Credentials" at the top, and set password to "password", turning "temporary" setting to off
7. Click on tab "Clients" on the left, and create client with ID 'community-app'
8. In settings tab, set 'access-type' to 'confidential' and enter 'localhost' in the valid redirect URIs.
9. In credentials tab, copy string in field 'secret' as this will be needed in the step to request the access

token

Finally we need to change Keycloak configuration so that it uses the username as a subject of the token:

1. Choose client 'community-app' in the tab 'Clients'
2. Go to tab 'Mappers' and click on 'Create'
3. Enter 'usernameInSub' as 'Name'
4. Choose mapper type 'User Property'
5. Enter 'username' into the field 'Property' and 'sub' into the field 'Token Claim Name'. Choose 'String' as 'Claim JSON Type'

You are now ready to test out OAuth:

Retrieve an access token from Keycloak

```
curl --location --request POST \  
'http://localhost:9000/auth/realms/fineract/protocol/openid-connect/token' \  
--header 'Content-Type: application/x-www-form-urlencoded' \  
--data-urlencode 'username=mifos' \  
--data-urlencode 'password=password' \  
--data-urlencode 'client_id=community-app' \  
--data-urlencode 'grant_type=password' \  
--data-urlencode 'client_secret=<enter the client secret from credentials tab>'
```

The reply should contain a field 'access_token'. Copy the field's value and use it in the API call below:

Invoke APIs and pass **Authorization: bearer ... header**

```
curl --location --request GET \  
'https://localhost:8443/fineract-provider/api/v1/offices' \  
--header 'Fineract-Platform-TenantId: default' \  
--header 'Authorization: bearer <enter the value of the access_token field>'
```



See also fineract.apache.org/legacy-docs/apiLive.htm#authentication_oauth

Testing

TBD

Cucumber

TBD

Cucumber Cheatsheet

Cucumber is a test framework based on Behavior-Driven Development (BDD). Tests are written in plain text with very basic syntax rules. These rules form a mini language that is called Gherkin.

A specification resembles spoken language. This makes it ideal for use with non-technical people that have domain specific knowledge. The emphasis of Cucumber lies on finding examples to describe your test cases. The few keywords and language rules are easy to explain to anyone (compared JUnit for example).

Keywords

The Gherkin language has the following keywords:

- **Feature**
- **Rule**
- **Scenario Outline** or **Scenario Template**
- **Example** or **Scenario**
- **Examples** or **Scenarios**
- **Background**
- **Given**
- **And**
- **But**
- **When**
- **Then**

There are a couple of additional signs used in Gherkin:

- **|** is as column delimiters in **Examples** tables
- with **@** you can assign any kind of tags to categorize the specs (or e.g. relate them to certain Jira tickets)
- **#** is used to indicate line comments



The tag `@ignore` is used to skip tests. This is a somewhat arbitrary choice (we could use any other tag to indicate temporarily disabled tests).

Each non-empty line of a test specification needs to start with one of these keywords. The text blocks that follows the keywords are mapped to so called step definitions that contain the actual test code.

A typical Cucumber test specification written in Gherkin looks like this:

```
Feature: Template Service
```

```
@template
```

```
Scenario Outline: Verify that mustache templates have expected results
```

```
Given A mustache template file <template>
```

```
Given A JSON data file <json>
```

```
When The user merges the template with data
```

```
Then The result should match the content of file <result>
```

```
Examples:
```

template	json	result	
hello.mustache	hello.json	hello.txt	
loan.mustache	loan.json	loan.html	
array.loop.mustache	array.json	array.loop.txt	
array.index.mustache	array.json	array.index.txt	

The corresponding step definitions would look like this:

```
package org.apache.fineract.template.service;

import static org.junit.jupiter.api.Assertions.assertEquals;

import com.google.common.reflect.TypeToken;
import com.google.gson.Gson;
import com.google.gson.JsonElement;
import com.google.gson.JsonParser;
import io.cucumber.java8.En;
import java.io.IOException;
import java.lang.reflect.Type;
import java.nio.charset.StandardCharsets;
import java.util.ArrayList;
import java.util.List;
import java.util.Map;
import org.apache.commons.io.IOUtils;
import org.apache.fineract.template.domain.Template;
import org.apache.fineract.template.domain.TemplateMapper;
import org.springframework.beans.factory.annotation.Autowired;
```

```

public class TemplateServiceStepDefinitions implements En {

    @Autowired
    private TemplateMergeService tms;
    private String template;

    private Map<String, Object> data;

    private String result;

    public TemplateServiceStepDefinitions() {
        Given("/^A mustache template file (.*)$/", (String file) -> {
            template = IOUtils.resourceToString("templates/" + file, StandardCharsets
.UTF_8,
                TemplateServiceStepDefinitions.class.getClassLoader());
        });

        Given("/^A JSON data file (.*)$/", (String file) -> {
            data = parse(IOUtils.resourceToString("templates/" + file, StandardCharsets
.UTF_8,
                TemplateServiceStepDefinitions.class.getClassLoader()));
        });

        When("The user merges the template with data", () -> {
            result = compile(template, data);
        });

        Then("/^The result should match the content of file (.*)$/", (String file) -> {
            String expected = IOUtils.resourceToString("results/" + file,
StandardCharsets.UTF_8,
                TemplateServiceStepDefinitions.class.getClassLoader());
            assertEquals(expected, result);
        });
    }

    private String compile(String templateText, Map<String, Object> scope) throws
IOException {
        List<TemplateMapper> mappers = new ArrayList<>();
        Template template = new Template("TemplateName", templateText, null, null,
mappers);
        return tms.compile(template, scope);
    }

    private Map<String, Object> parse(String data) {
        Gson gson = new Gson();
        Type ssMap = new TypeToken<Map<String, Object>>() {}.getType();
        JsonElement json = JsonParser.parseString(data);
    }
}

```

```
    return gson.fromJson(json, ssMap);  
  }  
}
```



This example is an actual test specification that you can find in the [fineract-provider](#) module.

Feature

This keyword is used to group scenarios and to group related scenarios. All Gherkin specifications must start with the word **Feature**.

Descriptions

A description is any non-empty line that doesn't start with a keyword. Descriptions can be placed under the keywords:

- **Feature**
- **Rule**
- **Background**
- **Example/Scenario**
- **Scenario Outline**

Rule

Rule is used to group multiple related scenarios together.

Example/Scenario

This is the important part of the specification as it should describe the business logic in more detail with the usage of steps (usually **Given**, **When**, **Then**)

Steps

TBD

Given

TBD

When

TBD

Then

TBD

And, But

TBD

Background

TBD

Scenario Outline

TBD

Examples/Tables

TBD

Outlook

As a proof of concept we've converted all unit tests in `fineract-provider` into Cucumber tests. The more interesting part starts when we'll attack the integration tests with over 400 mostly business logic related tests. These tests fit very well in Cucumber's test specification structure (a lot of *if-then-else* or in Gherkin: *Given-When-Then*). Migrating all tests will take a while, but we would already recommend trying to implement tests as Cucumber specifications. It should be relatively easy to convert these tests into the new syntax.

Hopefully this will motivate even more people from the broader Fineract community to participate in the project by sharing their domain specific knowledge as Cucumber specifications. Specifications are written in English (although not a technical requirement).



Have a look at the specifications in `fineract-provider` for an initial inspiration. For more information please see cucumber.io/docs

Unit Testing

TBD

Integration Testing

TBD

Fineract Documentation Guide

TBD

File and Folder Layout

The general rules are

- keep things as flat as possible (avoid sub-folders as much as possible)
- DRY (don't repeat yourself): don't copy and paste code pieces, use AsciiDoc's include feature and reference files/-sections from the project folder
- images are located in `fineract-doc/src/docs/en/images` (or sub-folders)
- diagrams are located in `fineract-doc/src/docs/en/diagrams` (or sub-folders)
- specific chapters are located in `fineract-doc/src/docs/en/chapters`
- every chapter has its own folder and at least one `index.adoc` file
- it's recommended to keep the chapters flat (i. e. no sub-folders in the chapter folders)
- it's recommended to create one file per chapter section; like that you can re-arrange sections very easily in the `index.adoc` file



These rules are not entirely set in stone and could be modified if necessary. If you see any issues then please report them on the [mailing list](mailto:dev@fineract.apache.org) [dev@fineract.apache.org] or [open a Jira ticket](https://issues.apache.org) [https://issues.apache.org].

AsciiDoc

Cheatsheet

You can find the definitive manual on AsciiDoc syntax at [AsciiDoc documentation](https://docs.asciidoctor.org/asciidoc/latest) [https://docs.asciidoctor.org/asciidoc/latest]. To help people get started, however, here is a simpler cheat sheet.

AsciiDoc vs Asciidoctor (format vs tool)

When we refer to *AsciiDoc* then we mean the language or format that this documentation is written in. AsciiDoc is a markup language similar to Markdown (but more powerful and expressive) designed for technical documentation. You don't need necessarily any specialized editors or tools to write your documentation in AsciiDoc, a plain text editor will do, but there are plenty of choices that give you a better experience (in this documentation we describe the basic usage with AsciiDoc plugins for IntelliJ, Eclipse and VSCode).

Asciidoctor on the other hand is the command line tool we use to transform documents written in AsciiDoc into HTML and PDF (Epub3 and Docbook are also available). There are three variants

available:

- AsciiDoctor (written in Ruby)
- AsciiDoctor.js (written in JavaScript, often used for browser previews)
- AsciiDoctorJ (Java lib that integrates the Ruby implementation via JRuby, e. g. the AsciiDoctor Gradle plugin is based on that)



Sometimes you will still find documentation related to the original incarnation of AsciiDoc/tor (written in Python). The format evolved quite a bit since then and the tools try to maintain a certain degree of backward compatibility, but there is no guarantee. We prefer to use the latest language specs as documented [here](https://docs.asciidoctor.org/asciidoc/latest) [https://docs.asciidoctor.org/asciidoc/latest].

Basic AsciiDoc Syntax

Bold

Put asterisks around text to make it **bold**.



More info at docs.asciidoctor.org/asciidoc/latest/text/bold

Italics

Use underlines on either side of a string to put text into *italics*.



More info at docs.asciidoctor.org/asciidoc/latest/text/italic

Headings

Equal signs (=) are used for heading levels. Each equal sign is a level. Each page can **only** have one top level (i.e., only one section with a single =).

Levels should be appropriately nested. During the build, validation occurs to ensure that level 3s are preceded by level 2s, level 4s are preceded by level 3s, etc. Including out-of-sequence heading levels (such as a level 3 then a level 5) will not fail the build, but will produce an error.



More info at docs.asciidoctor.org/asciidoc/latest/sections/titles-and-levels/

Code Examples

Use backticks ` for text that should be monospaced, such as code or a class name in the body of a paragraph.



More info at docs.asciidoctor.org/asciidoc/latest/text/monospace/

Longer code examples can be separated from text with **source** blocks. These allow defining the syntax being used so the code is properly highlighted.

Example Source Block

```
[source,xml]
<field name="id" type="string" indexed="true" stored="true" required="true"
multiValued="false" />
```

If your code block will include line breaks, put 4 hyphens (----) before and after the entire block.



More info at docs.asciidoctor.org/asciidoc/latest/verbatim/source-blocks/

Source Block Syntax Highlighting

The HTML output uses Rouge to add syntax highlighting to code examples. This is done by adding the language of the code block after the **source**, as shown in the above example source block (**xml** in that case).

Rouge has a long selection of lexers available. You can see the full list at github.com/rouge-ruby/rouge/wiki/List-of-supported-languages-and-lexers. Use one of the valid short names to get syntax highlighting for that language.

Ideally, we will have an appropriate lexer to use for all source blocks, but that's not possible. When in doubt, choose **text**, or leave it blank.

Importing Code Snippets from Other Files

The build system has the ability to "include" snippets located in other files — even non-AsciiDoc files such as ***.java** source code files.

We've configured a global attribute called **{rootdir}** that you can use to reference these files consistently from Fineract's project root folder.

Snippets are bounded by *tag* comments placed at the start and end of the section you would like to import. Opening tags look like: **// tag::snippetName[]**. Closing tags follow the format: **// end::snippetName[]**.

Snippets can be inserted into an **.adoc** file using an **include** directive, following the format: **include::{rootdir}/<directory-under-root-folder>/<file-name>[tag=snippetName]**.



You could also use relative paths to reference include files, but it is preferred to always use the root folder as a starting point. Like this you can be sure that the preview in your editor of choice works.

For example, if we wanted to highlight a specific section of the following Cucumber test definition

(more on that in section Cucumber Testing) `ClasspathDuplicatesStepDefinitions.java` file located under `fineract-provider/src/test/java/org/apache/fineract/infrastructure/classpath/`.

```
[source,java,indent=0]
----
include::{rootdir}/fineract-
provider/src/test/java/org/apache/fineract/infrastructure/classpath/ClasspathDuplicatesSt
epDefinitions.java[tag=then]
----
```

For more information on the `include` directive, see the documentation at docs.asciidoctor.org/asciidoc/latest/directives/include.

Block Titles

Titles can be added to most blocks (images, source blocks, tables, etc.) by simply prefacing the title with a period (.). For example, to add a title to the source block example above:

```
.Example ID field
[source,xml]
<field name="id" type="string" indexed="true" stored="true" required="true"
multiValued="false" />
```



More info at docs.asciidoctor.org/asciidoc/latest/blocks/add-title

Links

Link to Sites on the Internet

When converting content to HTML, Asciidoctor will automatically render many link types (such as `http:` and `mailto:`) without any additional syntax. However, you can add a name to a link by adding the URI followed by square brackets:

```
http://fineract.apache.org/[Fineract Website]
```



More info at docs.asciidoctor.org/asciidoc/latest/macros/url-macro

Link to Other Pages/Sections of the Guide

A warning up front, linking to other pages can be a little painful. There are slightly different rules depending on the type of link you want to create, and where you are linking from. The build process includes a validation for *internal* or *inter-page* links, so if you can build the docs locally, you can use that to verify you constructed your link properly. With all the below examples, you can add text to

display as the link title by putting the display text in brackets after the link, as in:

```
xref:indexing-guide:schema-api.adoc#modify-the-schema[Modify the Schema]
```

You can also use the title of the Page or Section you are linking to by using an empty display text. This is useful in case the title of the page or section changes. In that case you won't need to change the display text for every link that refers to that page/section.

See an example below:

```
xref:indexing-guide:schema-api.adoc#modify-the-schema[]
```

Link to a Section on the Same Page

To link to an anchor (or section title) on the *same page*, you can simply use double angle brackets (<< >>) around the anchor/heading/section title you want to link to. Any section title (a heading that starts with equal signs) automatically becomes an anchor during conversion and is available for deep linking.

Example

If I have a section on a page that looks like this (from `process.adoc`):

```
== Steps
```

Common parameters for all steps are:

To link to this section from another part of the same `process.adoc` page, I simply need to put the section title in double angle brackets, as in:

See also the <<Steps>> section.

The section title will be used as the display text; to customize that add a comma after the the section title, then the text you want used for display.



More info at docs.asciidoctor.org/asciidoc/latest/macros/xref/#internal-cross-references

Link to a Section with an Anchor ID

When linking to any section (on the same page or another one), you must also be aware of any pre-defined anchors that may be in use (these will be in double brackets, like `[[]]`).

When the page is converted, those will be the references your link needs to point to.

Example

Take this example from `configsets-api.adoc`:

```
[[configsets-create]]  
== Create a ConfigSet
```

To link to this section, there are two approaches depending on where you are linking from:

- From the same page, simply use the anchor name: `<<configsets-create>>`.
- From another page, use the page name and the anchor name: `xref:configuration-guide:configsets-api.adoc#configsets-create[]`.

Link to Another Page

To link to *another page* or a section on another page, you must refer to the full filename and refer to the section you want to link to.

When you want to refer the reader to another page without deep-linking to a section, Asciidoctor allows this by merely omitting the `#` and section id.

Example

To construct a link to the `process.adoc` page, we need to refer to the file name (`process.adoc`), as well as the module that the file resides in (`release/`).

It's preferred to also always use the page name to give the reader better context for where the link goes.

As in:

```
For more about upgrades, see xref:release:process.adoc[Fineract Release Process].
```

Link to Another Page in the same folder

If the page that contains the link and the page being linked to reside in the same module, there is no need to include the module name after `xref:`

Example

To construct a link to the `process-step01.adoc` page from `process.adoc` page, we do not need to include the module name because they both reside in the `upgrade-notes` module.

```
For more information on the first step of the release process, see the section  
\xref:process-step01.adoc[].
```

Link to a Section on Another Page

Linking to a section is the same conceptually as linking to the top of a page, you just need to take a little extra care to format the anchor ID in your link reference properly.

When you link to a section on another page, you must make a simple conversion of the title into the format of the section ID that will be created during the conversion. These are the rules that transform the sections:

Example

TBD



More info at docs.asciidoctor.org/asciidoc/latest/macros/inter-document-xref

Ordered and Unordered Lists

AsciiDoc supports three types of lists:

- Unordered lists
- Ordered lists
- Labeled lists

Each type of list can be mixed with the other types. So, you could have an ordered list inside a labeled list if necessary.

Unordered Lists

Simple bulleted lists need each line to start with an asterisk (*). It should be the first character of the line, and be followed by a space.



More info at docs.asciidoctor.org/asciidoc/latest/lists/unordered

Ordered Lists

Numbered lists need each line to start with a period (.). It should be the first character of the line, and be followed by a space. This style is preferred over manually numbering your list.



More info at docs.asciidoctor.org/asciidoc/latest/lists/ordered

Description Lists

These are like question & answer lists or glossary definitions.

Each line should start with the list item followed by double colons (::), then a space or new line. Labeled lists can be nested by adding an additional colon (such as :::, etc.). If your content will span multiple paragraphs or include source blocks, etc., you will want to add a plus sign (+) to keep the sections together for your reader.



We prefer this style of list for parameters because it allows more freedom in how you present the details for each parameter. For example, it supports ordered or unordered lists inside it automatically, and you can include multiple paragraphs and source blocks without trying to cram them into a smaller table cell.



More info at docs.asciidoctor.org/asciidoc/latest/lists/description

Images

There are two ways to include an image: inline or as a block. Inline images are those where text will flow around the image. Block images are those that appear on their own line, set off from any other text on the page. Both approaches use the `image` tag before the image filename, but the number of colons after `image` define if it is inline or a block. Inline images use one colon (`image:`), while block images use two colons (`image::`). Block images automatically include a caption label and a number (such as **Figure 1**). If a block image includes a title, it will be included as the text of the caption. Optional attributes allow you to set the alt text, the size of the image, if it should be a link, float and alignment. We have defined a global attribute `{imagesdir}` to standardize the location for all images (`fineract-doc/src/docs/en/images`).



More info at docs.asciidoctor.org/asciidoc/latest/macros/images

Tables

Tables can be complex, but it is pretty easy to make a basic table that fits most needs.

Basic Tables

The basic structure of a table is similar to Markdown, with pipes (|) delimiting columns between rows:

```
|===  
| col 1 row 1 | col 2 row 1 |  
| col 1 row 2 | col 2 row 2 |  
|===
```

Note the use of `|===` at the start and end. For basic tables that's not exactly required, but it does help to delimit the start and end of the table in case you accidentally introduce (or maybe prefer) spaces between the rows.

Header Rows

To add a header to a table, you need only set the `header` attribute at the start of the table:

```
[options="header"]
|===
| header col 1 | header col 2|
| col 1 row 1 | col 2 row 1|
| col 1 row 2 | col 2 row 2|
|===
```

Defining Column Styles

If you need to define specific styles to all rows in a column, you can do so with the attributes.

This example will center all content in all rows:

```
[cols="2*^" options="header"]
|===
| header col 1 | header col 2|
| col 1 row 1 | col 2 row 1|
| col 1 row 2 | col 2 row 2|
|===
```

Alignments or any other styles can be applied only to a specific column. For example, this would only center the last column of the table:

```
[cols="2*,^" options="header"]
|===
| header col 1 | header col 2|
| col 1 row 1 | col 2 row 1|
| col 1 row 2 | col 2 row 2|
|===
```



Many more examples of formatting:

- Columns: docs.asciidoctor.org/asciidoc/latest/tables/add-columns/
- Cells and rows: docs.asciidoctor.org/asciidoc/latest/tables/add-cells-and-rows/

More Options

Tables can also be given footer rows, borders, and captions. You can determine the width of columns, or the width of the table as a whole.

CSV or DSV can also be used instead of formatting the data in pipes.



More info at docs.asciidoctor.org/asciidoc/latest/tables/build-a-basic-table/

Admonitions (Notes, Warnings)

AsciiDoc supports several types of callout boxes, called "admonitions":

- NOTE
- TIP
- IMPORTANT
- CAUTION
- WARNING

It is enough to start a paragraph with one of these words followed by a colon (such as **NOTE:**). When it is converted to HTML, those sections will be formatted properly - indented from the main text and showing an icon inline.

You can add titles to admonitions by making it an admonition block. The structure of an admonition block is like this:

```
.Title of Note
[NOTE]
====
Text of note
=====
```

In this example, the type of admonition is included in square brackets (**[NOTE]**), and the title is prefixed with a period. Four equal signs give the start and end points of the note text (which can include new lines, lists, code examples, etc.).



More info at docs.asciidoctor.org/asciidoc/latest/blocks/admonitions/

STEM Notation Support

We have set up the Ref Guide to be able to support STEM notation whenever it's needed.

The [AsciiMath](http://asciimath.org/) [http://asciimath.org/] syntax is supported by default, but LaTeX syntax is also available.

To insert a mathematical formula inline with your text, you can simply write:

```
stem:[a//b]
```

MathJax.js will render the formula as proper mathematical notation when a user loads the page. When the above example is converted to HTML, it will look like this to a user: **a//b**

To insert LaTeX, preface the formula with **latexmath** instead of **stem**:

```
latexmath:[tp \leq 1 - (1 - \text{sim}^{\text{rows}})^{\text{bands}}]
```

Long formulas, or formulas which should to be set off from the main text, can use the block syntax prefaced by **stem** or **latexmath**:

```
[stem]
++++
sqrt(3x-1)+(1+x)^2 < y
++++
```

or for LaTeX:

```
[latexmath]
++++
[tp \leq 1 - (1 - \text{sim}^{\text{rows}})^{\text{bands}}]
++++
```



More info at docs.asciidoctor.org/asciidoc/latest/stem/stem

Diagrams

TBD



docs.asciidoctor.org/diagram-extension/latest

PlantUML Cheatsheet

TBD



plantuml.com

C4 Cheatsheet

TBD



c4model.com and github.com/plantuml-stdlib/C4-PlantUML

Archimate Cheatsheet

TBD



www.opengroup.org/archimate-forum/archimate-overview
[archimate-diagram](#)

and plantuml.com/

Vega Cheatsheet

TBD



vega.github.io/vega-lite/

Editor

TBD

IntelliJ IDEA

Asciidoc

See: plugins.jetbrains.com/plugin/7391-asciidoc

PlantUML

See: plugins.jetbrains.com/plugin/7017-plantuml-integration

Eclipse

Asciidoc

See: marketplace.eclipse.org/content/asciidoceditor-editor

PlantUML

See: plantuml.com/eclipse

VSCode

Asciidoc

See: marketplace.visualstudio.com/items?itemName=asciidoceditor.asciidoceditor-vscode

PlantUML

See: marketplace.visualstudio.com/items?itemName=jebbs.plantuml

Antora

See: antora.org/

TBD

Releases

[How to Release Apache Fineract](https://cwiki.apache.org/confluence/x/DRwIB) [https://cwiki.apache.org/confluence/x/DRwIB] documents the process how we make the source code that is available here in this Git repository into a binary release tar.gz available on fineract.apache.org.

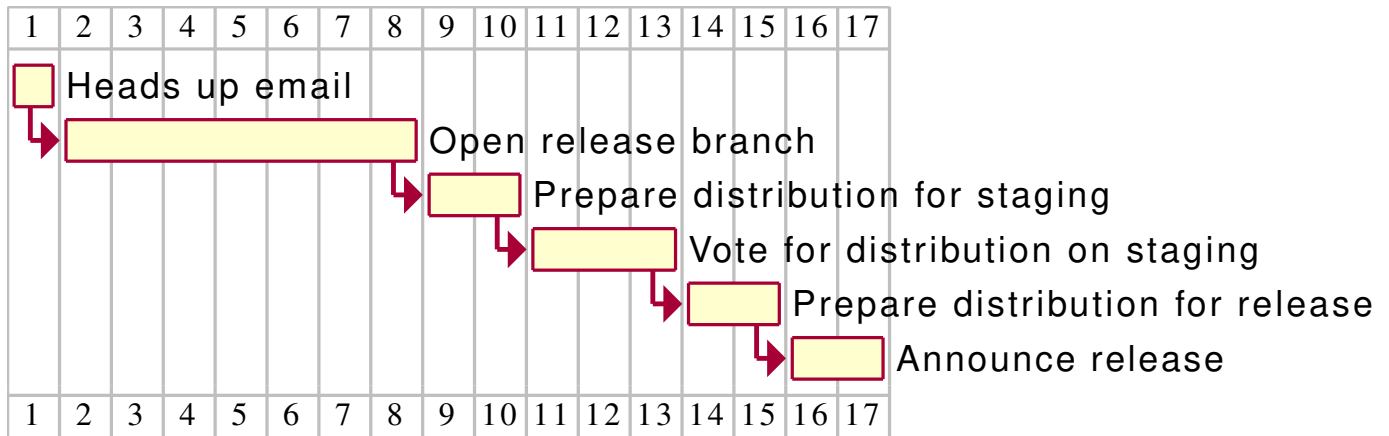


Figure 4. Release Schedule

Configuration

Before you can start using the Fineract release plugin to create releases you have to configure and setup a couple of things first.

- All official communication concerning releases happens on the [mailing list](mailto:dev@fineract.apache.org) [dev@fineract.apache.org]. Every release manager needs to be a member of and engaging on the mailing list for credibility.
- Make sure you have edit permissions on the [Apache Confluence Wiki](https://cwiki.apache.org/confluence/display/FINERACT) [https://cwiki.apache.org/confluence/display/FINERACT]
- You need full permissions on [Apache JIRA](https://issues.apache.org/jira) [https://issues.apache.org/jira] to be able to move issues to the next release
- Git committer privileges to be allowed to create tags and the release branch
- Familiarity with building Fineract locally and creating release distributions is required
- You need to be a member of the PMC to be able to upload release artifacts; this task can be delegated though
- A general Familiarity with PGP/GPG is recommended (at least to setup your keypairs), but the release plugin does most of the heavy lifting
- Make sure to read the release plugin documentation for troubleshooting

Secrets

TBD

Infrastructure Team

A couple of secrets for third party services are automatically configured by the infrastructure team at The Apache Foundation for the Fineract Github account. At the moment this includes environment variables for:

- Github token (e. g. to publish Github Pages, use the Github API in Github Actions)
- Docker Hub token (to publish our Docker images)
- Sonar Cloud token (for our code quality reports)

See also:

- infra.apache.org/github-pages.html
- cwiki.apache.org/confluence/display/INFRA/Github+Actions+to+DockerHub
- github.com/apache/jmeter-site-preview
- github.com/apache/fineract-site
- github.com/apache/systemds-website/blob/main/.asf.yaml

Lastpass

It seems that Apache has some kind of org account or similar. Popped up a couple of times in the infrastructure documentation.

TBD

1Password

Other Fineract development related secrets, e. g. for deployments of demo systems on Google Cloud, AWS etc. are managed in a team account at 1Password. At the moment the following committers are members of the 1Password team account:

- [Ed Cable](mailto:edcable@apache.org) [edcable@apache.org]
- [Michael Vorburcher](mailto:vorburcher@apache.org) [vorburcher@apache.org]
- [Petri Tuomola](mailto:ptuomola@apache.org) [ptuomola@apache.org]
- [Arnold Galovics](mailto:arnold@apache.org) [arnold@apache.org]
- [Aleksandar Vidakovic](mailto:aleks@apache.org) [aleks@apache.org]



If you need access or have any questions related to those secrets then please reach out to one of the team members.

GPG

Generate GPG key pairs if you don't already have them and publish them. Please use your Apache

email address when creating your GPG keypair. If you already have configured GPG and associated your keypair with a non-Apache email address then please consider creating a separate one just for all things related to Fineract (or Apache in general).

Instructions:

1. Check your GPG version:

Input GPG version

```
gpg --version
```

Output GPG version

```
gpg (GnuPG) 2.2.27
libgcrypt 1.9.4
Copyright (C) 2021 Free Software Foundation, Inc.
License GNU GPL-3.0-or-later <https://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Home: /home/aleks/.gnupg
Supported algorithms:
Pubkey: RSA, ELG, DSA, ECDH, ECDSA, EDDSA
Cipher: IDEA, 3DES, CAST5, BLOWFISH, AES, AES192, AES256, TWOFISH,
        CAMELLIA128, CAMELLIA192, CAMELLIA256
Hash: SHA1, RIPEMD160, SHA256, SHA384, SHA512, SHA224
Compression: Uncompressed, ZIP, ZLIB, BZIP2
```



The insecure hash algorithm SHA1 is still supported in version 2.2.27. SHA1 is obsolete and you don't want to use it to generate your signature.

2. Generate your GPG key pair:

Input generate GPG key pair

```
gpg --full-gen-key
```

Output generate GPG key pair (step 1: key type selection)

```
gpg (GnuPG) 2.2.27; Copyright (C) 2021 Free Software Foundation, Inc.  
This is free software: you are free to change and redistribute it.  
There is NO WARRANTY, to the extent permitted by law.
```

```
Please select what kind of key you want:
```

- (1) RSA and RSA (default)
- (2) DSA and Elgamal
- (3) DSA (sign only)
- (4) RSA (sign only)
- (14) Existing key from card

```
Your selection?
```

There are four options. The default is to use RSA to create the key pair. Good enough for us.

Output generate GPG key pair (step 2: key length selection)

```
RSA keys may be between 1024 and 4096 bits long.  
What keysize do you want? (2048)
```

The default key length is 2048 bits. 1024 is obsolete and a longer 4096 RSA key will not provide more security than 2048 RSA key. Use the default.

Output generate GPG key pair (step 3: validity selection)

```
Requested keysize is 2048 bits  
Please specify how long the key should be valid.  
0 = key does not expire  
<n> = key expires in n days  
<n>w = key expires in n weeks  
<n>m = key expires in n months  
<n>y = key expires in n years  
Key is valid for? (0)2y
```

2 years for the validity of your keys should be fine. You can always update the expiration time later on.

Output generate GPG key pair (step 4: confirmation)

```
Key expires at Sun 16 Apr 2024 08:10:24 PM UTC  
Is this correct? (y/N)y
```

Confirm if everything is correct.

Output generate GPG key pair (step 5: provide user details)

```
GnuPG needs to construct a user ID to identify your key.  
Real name: Aleksandar Vidakovic  
Email address: aleks@apache.org  
Comment:
```

Provide your user details for the key. This is important because this information will be included in our key. It's one way of indicating who is owner of this key. The email address is a unique identifier for a person. You can leave Comment blank.

Output generate GPG key pair (step 6: user ID selection)

```
You selected this USER-ID:  
"Aleksandar Vidakovic <aleks@apache.org>"  
Change (N)ame, (C)omment, (E)mail or (O)kay/(Q)uit? 0
```

Select **Okay**.

After the selection of your user ID GPG will ask for a passphrase to protect your private key. Maybe time to open your password manager and generate a secure one and save it in your vault. Once you've confirmed your password GPG will start to generate your keys.



Don't lose your private key password. You won't be able to unlock and use your private key without it.

Output generate GPG key pair (step 7: gpg key pair generation)

```
We need to generate a lot of random bytes. It is a good idea to perform  
some other action (type on the keyboard, move the mouse, utilize the  
disks) during the prime generation; this gives the random number  
generator a better chance to gain enough entropy.
```

Generating the GPG keys will take a while.

Output generate GPG key pair (step 8: gpg key pair finished)

```
gpg: key 7890ABCD marked as ultimately trusted ①
gpg: directory '/home/aleks/.gnupg/openpgp-revocs.d' created
gpg: revocation certificate stored as '/home/aleks/.gnupg/openpgp-
revocs.d/ABCDEFGH IJKLMNOPQRSTUVWXYZ1234567890ABCD.rev' ②
public and secret key created and signed.

gpg: checking the trustdb
gpg: marginals needed: 3 completes needed: 1 trust model: PGP
gpg: depth: 0 valid: 1 signed: 0 trust: 0-, 0q, 0n, 0m, 0f, 1u
gpg: next trustdb check due at 2024-04-16
pub rsa2048/7890ABCD 2022-04-16 [S] [expires: 2024-04-16] ③
Key fingerprint = ABCD EFGH IJKL MNOP QRST UVWX YZ12 3456 7890 ABCD ④
uid [ultimate] Aleksandar Vidakovic <aleks@apache.org> ⑤
sub rsa2048/4FGHIJ56 2022-04-16 [] [expires: 2024-04-16]
```

- ① GPG created a unique identifier in HEX format for your public key. When someone wants to download your public key, they can refer to it either with your email address or this HEX value.
- ② GPG created a revocation certificate and its directory. You should never share your private key. If your private key is compromised, you need to use your revocation certificate to revoke your key.
- ③ The public key is 2048 bits using RSA algorithm and shows the expiration date of 16 Apr 2024. The public key ID **7890ABCD** matches the last 8 bits of key fingerprint.
- ④ The key fingerprint (**ABCD EFGH IJKL MNOP QRST UVWX YZ12 3456 7890 ABCD**) is a hash of your public key.
- ⑤ Your name and your email address are shown with information about the subkey.

Now you can find that there are two files created under `~/.gnupg/private-keys-v1.d/` directory. These two files are binary files with `.key` extension.

3. Export your public key:

```
gpg --armor --export aleks@apache.org > pubkey.asc
```

4. Export Your Private Key:

```
gpg --export-secret-keys --armor aleks@apache.org > privkey.asc
```

5. Protect Your Private Key and Revocation Certificate

Your private key should be kept in a safe place, like an encrypted flash drive. Treat it like your house key. Only you can have it and don't lose it. And you must remember your passphrase,

otherwise you can't unlock your private key.

You should protect your revocation certificate. Anyone in possession of your revocation certificate, could immediately revoke your public/private key pair and generate fake ones.



Please contact a PMC member to add your GPG public key in Fineract's Subversion repository. This is necessary to be able to validate published releases.

1. Upload your GPG key to a keyserver:

```
gpg --send-keys ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890ABCD
```

Before doing this, make sure that your default keyserver is `hkp://keyserver.ubuntu.com/`. You can do this by changing the default keyserver in `~/.gnupg/dirmngr.conf`:

```
keyserver hkp://keyserver.ubuntu.com/
```

Alternatively you can provide the keyserver with the send command:

```
gpg --keyserver 'hkp://keyserver.ubuntu.com:11371' --send-keys  
ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890ABCD
```

Another option to publish your key is to submit an armored public key directly at keyserver.ubuntu.com/. You can create the necessary data with this command by providing the email address that you used when you created your key pair:

```
gpg --armor --export aleks@apache.org
```

Output:

```
-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
mQINBF8iGq0BEADGRqeSs0oNDc1sV3L9sQ34KhmoQrACnMYGztx33TD98aWplu1+  
jm8uGtMmBus4DJJJap1bVQ1oMehw2mscmDHpfJjLNZ/q+vUqbExx1/CER7XvLryN  
<--- snip --->  
2nHBuBftxDRpDHQ+O5XYwSDSTDMmthPjx0vJGBH4K1k08XK99e01A6/oYLV2SMKp  
gXXeWjafxBmHT1cM8hoBZBYzgTu9nK5Un1lWunfaHXiCBG4oQQ==  
=85/F  
-----END PGP PUBLIC KEY BLOCK-----
```

= Email

Official communication related to releases needs to be done with an Apache email address. The Apache Foundation doesn't provide any real email inboxes anymore and just relays emails to your configured private account (GMail etc.).



At the moment we are supporting only GMail accounts. Please let us know if you have other configuration recipes for other email providers.

GMail

You can configure your GMail account and add another profile to use the Apache relay server if you need to send official messages. Please follow these instructions:

TBD.

See also: [Send mail from another address without "on behalf of"](https://gmail.googleblog.com/2009/07/send-mail-from-another-address-without.html) [https://gmail.googleblog.com/2009/07/send-mail-from-another-address-without.html]

To be able to send emails via SMTP with your GMail account you probably need to create an app password. Please follow these instructions:

1. Go to your Google Account.
2. Select Security.
3. Under "Signing in to Google," select App Passwords. You may need to sign in. If you don't have this option, it might be because:
4. 2-Step Verification is not set up for your account.
5. 2-Step Verification is only set up for security keys.
6. Your account is through work, school, or other organization.
7. You turned on Advanced Protection.
8. At the bottom, choose Select app and choose the app you using and then Select device and choose the device you're using and then Generate.
9. Follow the instructions to enter the App Password. The App Password is the 16-character code in the yellow bar on your device.
10. Tap Done.

See also: [Google Support: Sign in with App Passwords](https://support.google.com/accounts/answer/185833?p=InvalidSecondFactor&visit_id=637856439524128323-869822459&rd=1) [https://support.google.com/accounts/answer/185833?p=InvalidSecondFactor&visit_id=637856439524128323-869822459&rd=1] for more details.

Gradle

TBD

User Properties

There are a couple of properties that contain committer/release manager related secrets. Please add the following properties to your personal global Gradle properties (you will find them at `~/.gradle/gradle.properties` in your home folder).

```
fineract.config.gnupg.keyName=ABCDEFGHJKLMNOPQRSTUVWXYZ1234567890ABCD①
fineract.config.gnupg.password=*****
fineract.config.gnupg.publicKeyring=~/.gnupg/pubring.kbx②
fineract.config.gnupg.secretKeyring=~/.gnupg/secring.gpg
fineract.config.smtp.username=aleks@gmail.com ③
fineract.config.smtp.password=*****
fineract.config.name=Aleksandar Vidakovic
fineract.config.email=aleks@apache.org
fineract.config.username=aleks ④
fineract.config.password=*****
```

- ① Make sure you use the full GPG key name (you can list yours via `gpg --list-secret-keys --keyid -format=long`)
- ② GnuPG has it's own kbx format to store the public key ring. At the moment we are only supporting this format
- ③ Currently we only have instructions for GMail
- ④ Apache committer credentials



Never add any personal secrets in the project `gradle.properties`. Double check that you are not accidentally committing them to Git!

Release Plugin

Creating Apache Fineract releases was a very manual and tedious procedure before we created the Gradle release plugin. It was easy - even with documentation - to forget a detail. Some ideas are borrowed from the excellent [JReleaser](https://jreleaser.org) [https://jreleaser.org] tool. Unfortunately at the moment we can't use it for the full release process. Being an Apache project we have certain requirements that are not fully covered by [JReleaser](https://jreleaser.org) [https://jreleaser.org].

Release Plugin Configuration

```
config {
    username = "${findProperty('fineract.config.username')}}"
    password = "${findProperty('fineract.config.password')}}"

    doc {
        url = 'git@github.com:apache/fineract-site.git'
        directory = "${System.getProperty("java.io.tmpdir")}/fineract-site"
```

```

    branch = "asf-site"
}
git {
    dir = "${projectDir.absolutePath}/.git"
    sections = [
        [
            section: "user",
            name: "name",
            value: "${findProperty('fineract.config.name')}}",
        ],
        [
            section: "user",
            name: "email",
            value: "${findProperty('fineract.config.email')}}",
        ],
        [
            section: "user",
            name: "signingkey",
            value: "${findProperty('fineract.config.gnupg.keyName')}}",
        ],
        [
            section: "commit",
            name: "gpgsign",
            value: "true",
        ],
    ],
}
template {
    templateDir = "${projectDir}/buildSrc/src/main/resources"
}
pgp {
    keyName = "${findProperty('fineract.config.gnupg.keyName')}}"
    publicKeyring = "${findProperty('fineract.config.gnupg.publicKeyring')}}"
    secretKeyring = "${findProperty('fineract.config.gnupg.secretKeyring')}}"
    password = "${findProperty('fineract.config.gnupg.password')}}"
}
smtp {
    host = 'smtp.gmail.com'
    username = "${findProperty('fineract.config.smtp.username')}}"
    password = "${findProperty('fineract.config.smtp.password')}}"
    tls = true
    ssl = true
}
subversion {
    username = "${findProperty('fineract.config.username')}}"
    password = "${findProperty('fineract.config.password')}}"
    revision = 'HEAD'
}
}

```



```
jira {  
    url = 'https://issues.apache.org/jira/rest/api/2/'  
    username = "${findProperty('fineract.config.username')}}"  
    password = "${findProperty('fineract.config.password')}}"  
}  
confluence {  
    url = 'https://cwiki.apache.org/confluence/rest/api/'  
    username = "${findProperty('fineract.config.username')}}"  
    password = "${findProperty('fineract.config.password')}}"  
}  
}
```

Release Process

TODO:

- create "Jira anchor ticket" with all issues linked that are going into this release.
- maintenance: continuously update the "Jira anchor ticket" to make sure we catch all ticket changes
- maintenance: list tickets that have discrepancies, e. g. tickets still open while associated PR merged, ticket on wrong version (i. e. associated PR already merged before with another release).

TBD



Consider the Gradle plugin commands an experimental feature!

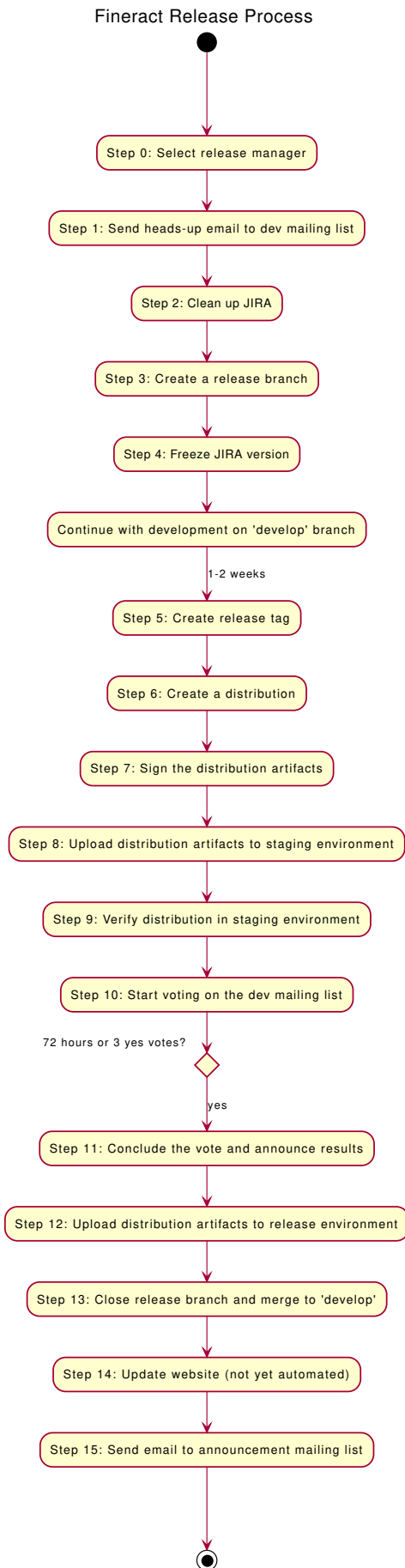


Figure 5. Release Process Diagram

Step 1: Heads-Up Email

Description

The RM should, if one doesn't already exist, first create a new release umbrella issue in JIRA. This issue is dedicated to tracking (a summary of) any discussion related to the planned new release. An example of such an issue is FINERACT-873 - Release Apache Fineract v1.4.0 RESOLVED.

The RM then creates an list of resolved issues & features through an initial check in JIRA for already resolved issues for the release, and then setup a timeline for release branch point. The time for the day the issue list is created to the release branch point must be at least two weeks in order to give the community a chance to prioritize and commit any last minute features and issues they would like to see in the upcoming release.

The RM must then send the pointer to the umbrella issue along with the tentative timeline for branch point to the developer lists. Any work identified as release related that needs to be completed should be added as a sub tasks of the umbrella issue to allow all developers and users to see the overall release progress in one place. The umbrella issue shall also link to any issues still requiring clarification whether or not they will make it into the release.

The RM should then inform users when the git branch is planned to be created, by sending an email based on this template:

[FINERACT] [PROPOSAL] ▯ New release \${project['fineract.release.version']}

Hello everyone,

... based on our "How to Release Apache Fineract" process documented at <https://cwiki.apache.org/confluence/x/DRwIB>:

I will create a \${project['fineract.release.version']} branch off develop in our git repository at <https://github.com/apache/fineract> on \${project['fineract.release.date']}.

The release tracking umbrella issue for tracking all activity in JIRA is FINERACT-\${project['fineract.release.issue']!0000}
([https://issues.apache.org/jira/browse/FINERACT-\\${project\['fineract.release.issue'\]!0000}](https://issues.apache.org/jira/browse/FINERACT-${project['fineract.release.issue']!0000})) for this Fineract \${project['fineract.release.version']}.

If you have any work in progress that you would like to see included in this release, please add "blocking" links to the release JIRA issue.

I am the release manager for this release.

Cheers,

\${project['fineract.config.name']}

▯ Powered by Fineract Release Plugin ▯

Gradle Task

Command

```
% ./gradlew fineractReleaseStep1 -Pfineract.release.issue=1234  
-Pfineract.release.date="Monday, April 25, 2022" -Pfineract.release.version=1.8.4
```

Step 2: Clean Up JIRA

Description

Before a release is done, make sure that any issues that are fixed have their fix version setup correctly.

```
project = FINERACT and resolution = fixed and fixVersion is empty
```

Move all unresolved JIRA issues which have this release as Fix Version to the next release

```
project = FINERACT and fixVersion = 1.8.4 and status not in ( Resolved, Done, Accepted, Closed )
```

You can also run the following query to make sure that the issues fixed for the to-be-released version look accurate:

```
project = FINERACT and fixVersion = 1.8.4
```

Finally, check out the output of the JIRA release note tool to see which tickets are included in the release, in order to do a sanity check.

Gradle Task

Command

```
% ./gradlew fineractReleaseStep2 -Pfineract.release.version=1.8.4
```



This task is not yet automated!

Step 3: Create Release Branch

Description

Communicate with the community. You do not need to start a new email thread on the developer mailing list to notify that you are about to branch, just do it ca. 2 weeks after the initial email, or later, based on the discussion on the initial email.

You do not need to ask committers to hold off any commits until you have branched finished, as it's always possible to fast-forward the branch to latest develop, or cherry-pick last minute changes to it. People should be able to continue working on the develop branch on bug fixes and great new features for the next release while the release process for the current release is being worked through.

1. Clone fresh repository copy

```
% git clone git@github.com:apache/fineract.git  
% cd fineract
```

2. Check that current HEAD points to commit on which you want to base new release branch. Checkout a particular earlier commit if not.

```
% git log ①
```

- ① Check current branch history. HEAD should point to commit that you want to be base for your release branch

3. Create a new release branch with name "\$Version"

```
% git checkout -b 1.8.4
```

4. Push new branch to Apache Fineract repository

```
% git push origin 1.8.4
```

5. Add new release notes in Release Folders. The change list can be swiped from the JIRA release note tool (use the "text" format for the change log). See JIRA Cleanup above to ensure that the release notes generated by this tool are what you are expecting.
6. Send an email announcing the new release branch on the earlier email thread

```
[FINERACT] [ANNOUNCE] □ ${project['fineract.release.version']} release branch
```

Hello everyone,

... as previously announced, I've just created the release branch for our upcoming \${project['fineract.release.version']} release.

You can continue working and merging PRs to the develop branch for future releases, as always.

The DRAFT release notes are on [https://cwiki.apache.org/confluence/display/FINERACT/\\${project\['fineract.release.version'\]}+-+Apache+Fineract](https://cwiki.apache.org/confluence/display/FINERACT/${project['fineract.release.version']}+-+Apache+Fineract). Does anyone see anything missing?

Does anyone have any last minutes changes they would like to see cherry-picked to branch \${project['fineract.release.version']}, or are we good go and actually cut the release based on this branch as it is?

I'll initiate the final stage of actually creating the release on \${project['fineract.release.date']} if nobody objects.

Cheers,

```
${project['fineract.config.name']}
```

Gradle Task

Command

```
% ./gradlew fineractReleaseStep3 -Pfineract.release.date="Monday, May 10, 2022"  
-Pfineract.release.version=1.8.4
```

Step 4: Freeze JIRA

Description

You first need to close the release in JIRA so that the about to be released version cannot be used as "fixVersion" for new bugs anymore. Go to JIRA "Administer project" page and follow "Versions" in left menu. Table with list of all releases should appear, click on additional menu on the right of your release and choose "Release" option. Submit release date and you're done.

Gradle Task

Command

```
% ./gradlew fineractReleaseStep4
```



This task is not yet automated!

Step 5: Create Release Tag

Description

Next, you create a git tag from the HEAD of the release's git branch.

```
% git checkout 1.8.4  
% ./gradlew clean integrationTests ①  
% git tag -a 1.8.4 -m "Fineract 1.8.4 release"  
% git push origin 1.8.4
```

① Run additionally manual tests with the community app.



It is important to create so called annotated tags (vs. lightweight) for releases.

Gradle Task

Command

```
% ./gradlew fineractReleaseStep5 -Pfineract.release.version=1.8.4
```

Step 6: Create Distribution

Description

Create source and binary artifacts. Make sure to do some sanity checks. The tar and the release branch should match.

```
% cd /fineract-release-preparations ①
% tar -xvf apache-fineract-1.8.4-src.tar.gz
% git clone <a href="https://git-wip-us.apache.org/repos/asf/fineract.git"
class="bare">git-wip-us.apache.org/repos/asf/fineract.git</a>
% cd fineract/
% git checkout tags/1.8.4
% cd ..
% diff -r fineract apache-fineract-1.8.4-src
```

① Do a fresh clone of the tag.

Make sure code compiles and tests pass on the uncompressed source.

```
% cd apache-fineract-1.8.4-src/fineract-provider ①
% gradlew clean integrationTest ②
% gradlew clean build ③
% gradlew rat ④
```

① Make sure prerequisites are met before running these commands.

② For running integration tests

③ For building deploy able war

④ For RAT checks

Gradle Task

Command

```
% ./gradlew fineractReleaseStep6
```

Step 7: Sign Distribution

Description

All release artifacts must be signed. In order to sign a release you will need a PGP key. You should get your key signed by a few other people. You will also need to receive their keys from a public key server. See the Apache release signing page for more details. Please follow the steps defined in Release Sign.


```
% gpg --armor --output apache-fineract-1.8.4-src.tar.gz.asc --detach-sig apache-fineract-1.8.4-src.tar.gz
% gpg --print-md MD5 apache-fineract-1.8.4-src.tar.gz > apache-fineract-1.8.4-src.tar.gz.md5
% gpg --print-md SHA512 apache-fineract-1.8.4-src.tar.gz > apache-fineract-1.8.4-src.tar.gz.sha512
% gpg --armor --output apache-fineract-1.8.4-binary.tar.gz.asc --detach-sig apache-fineract-1.8.4-binary.tar.gz
% gpg --print-md MD5 apache-fineract-1.8.4-binary.tar.gz > apache-fineract-1.8.4-binary.tar.gz.md5
% gpg --print-md SHA512 apache-fineract-1.8.4-binary.tar.gz > apache-fineract-1.8.4-binary.tar.gz.sha512
```

Gradle Task

Command

```
% ./gradlew fineractReleaseStep7
```

Step 8: Upload Distribution Staging

Description

Finally create a directory with release name (1.8.4 in this example) in dist.apache.org/repos/dist/dev/fineract and add the following files in this new directory:

- apache-fineract-1.8.4-binary.tar.gz.sha
- apache-fineract-1.8.4-binary.tar.gz
- apache-fineract-1.8.4-binary.tar.gz.asc
- apache-fineract-1.8.4-binary.tar.gz.md5
- apache-fineract-1.8.4-src.tar.gz.sha
- apache-fineract-1.8.4-src.tar.gz
- apache-fineract-1.8.4-src.tar.gz.asc
- apache-fineract-1.8.4-src.tar.gz.md5

Upload binary and source archives to ASF's distribution dev (staging) area:

```
% svn co <a href="https://dist.apache.org/repos/dist/dev/fineract/"  
class="bare">dist.apache.org/repos/dist/dev/fineract/</a> fineract-dist-dev  
% mkdir fineract-dist-dev/1.8.4  
% cp fineract/build/distributions/* fineract-dist-dev/1.8.4/  
% svn commit
```



You will need your ASF Committer credentials to be able to access the Subversion host dist.apache.org via.

Gradle Task

Command

```
% ./gradlew fineractReleaseStep8 -Pfineract.release.version=1.8.4
```

Step 9: Verify Distribution Staging

Description

Following are the typical things we need to verify before voting on a release candidate. And the release manager should verify them too before calling out a vote.

Make sure release artifacts are hosted at dist.apache.org/repos/dist/dev/fineract

- Release candidates should be in format apache-fineract-1.8.4-binary.tar.gz
- Verify signatures and hashes. You may have to import the public key of the release manager to verify the signatures. (`gpg --recv-key <key id>`)
- Git tag matches the released bits (`diff -rf`)
- Can compile successfully from source
- Verify DISCLAIMER, NOTICE and LICENSE (year etc)
- All files have correct headers (Rat check should be clean - `gradlew rat`)
- No jar files in the source artifacts
- Integration tests should work

Gradle Task

Command

```
% ./gradlew fineractReleaseStep9 -Pfineract.release.version=1.8.4
```



This task is not yet automated!

Step 10: Start Vote

Description

Voting has to be done on dev@fineract.apache.org. You can close the vote after voting period expires (72 hours) and you accumulate sufficient votes (minimum 3 x +1 PMC votes).

```
[FINERACT] [VOTE] [] ${project['fineract.release.version']} for release
```

Hello everyone,

... we have created Apache Fineract `${project['fineract.release.version']}` release, with the artifacts below up for a vote.

It fixes the following issues:

[https://cwiki.apache.org/confluence/display/FINERACT/\\${project\['fineract.release.version'\]}+-+Apache+Fineract](https://cwiki.apache.org/confluence/display/FINERACT/${project['fineract.release.version']}+-+Apache+Fineract)

Source & Binary files :

[https://dist.apache.org/repos/dist/dev/fineract/\\${project\['fineract.release.version'\]}/](https://dist.apache.org/repos/dist/dev/fineract/${project['fineract.release.version']}/)

Tag to be voted on (rc#):

[https://gitbox.apache.org/repos/asf?p=fineract.git;a=commit;h=refs/heads/\\${project\['fineract.release.version'\]}](https://gitbox.apache.org/repos/asf?p=fineract.git;a=commit;h=refs/heads/${project['fineract.release.version']})

Fineract's KEYS containing the PGP key we used to sign the release:

<https://dist.apache.org/repos/dist/dev/fineract/KEYS>

Note that this release contains source and binary artifacts.

This vote will be open for 72 hours:

[] +1 approve

[] +0 no opinion

[] -1 disapprove (and reason why)

Cheers,

`${project['fineract.config.name']}`

Gradle Task

```
% ./gradlew fineractReleaseStep10 -Pfineract.release.version=1.8.4
```

Step 11: Finish Vote

Description

Upon receiving 3 x +1 from the PMC, or after 72 hours (whichever one comes first), reply to the voting thread and add the prefix "[RESULT]" to the subject line with the results, as follows:

```
[FINERACT] [VOTE] [RESULT] 00 ${project['fineract.release.version']} for release
```

```
<#if (project['fineract.vote'].approve.binding?size +
project['fineract.vote'].approve.nonBinding?size >
project['fineract.vote'].disapprove.binding?size +
project['fineract.vote'].disapprove.nonBinding?size)>
Voting is now closed and has passed with the following tally,
```

```
Binding +1s: ${project['fineract.vote'].approve.binding?size}
Non binding +1s: ${project['fineract.vote'].approve.nonBinding?size}
```

```
<#else>
```

```
Voting is now closed and has not passed with the following tally,
```

```
Binding +1s: ${project['fineract.vote'].approve.binding?size}
Non binding +1s: ${project['fineract.vote'].approve.nonBinding?size}
```

```
Binding -1s: ${project['fineract.vote'].disapprove.binding?size}
Non binding -1s: ${project['fineract.vote'].disapprove.nonBinding?size}
</#if>
```

Here are the detailed results:

```
<#list project['fineract.vote'].approve.binding>
```

```
Binding +1s:
```

```
<#items as item>
```

```
- ${item.name} (${item.email})
```

```
</#items>
```

```
</#list>
```

```
<#list project['fineract.vote'].approve.nonBinding>
```

```
Non binding +1s:
```

```
<#items as item>
```

```
- ${item.name} (${item.email})
```

```
</#items>
```

```

</#list>

<#list project['fineract.vote'].disapprove.binding>
Binding -1s:
    <#items as item>
    - ${item.name} (${item.email})
    </#items>
</#list>

<#list project['fineract.vote'].disapprove.nonBinding>
Non binding -1s:
    <#items as item>
    - ${item.name} (${item.email})
    </#items>
</#list>

<#list project['fineract.vote'].noOpinion.binding>
Binding +0s:
    <#items as item>
    - ${item.name} (${item.email})
    </#items>
</#list>

<#list project['fineract.vote'].noOpinion.nonBinding>
Non binding +0s:
    <#items as item>
    - ${item.name} (${item.email})
    </#items>
</#list>

<#if (project['fineract.vote'].approve.binding?size +
project['fineract.vote'].approve.nonBinding?size >
project['fineract.vote'].disapprove.binding?size +
project['fineract.vote'].disapprove.nonBinding?size)>
Thanks to everyone who voted! I'll now continue with the rest of the release process.
<#else>
Thanks to everyone who voted! Looks like we have to repeat the vote.
</#if>

${project['fineract.config.name']}

```

Gradle Task

Command

```
% ./gradlew fineractReleaseStep11 -Pfineract.release.version=1.8.4
```

Step 12: Upload Distribution Release

Description

In order to release you have to checkout release repository located on dist.apache.org/repos/dist/release/fineract and add release artifacts there.

```
% svn co <a href="https://dist.apache.org/repos/dist/release/fineract"
class="bare">dist.apache.org/repos/dist/release/fineract</a> fineract-release
% mkdir fineract-release/1.8.4/
% cp fineract-dist-dev/1.8.4/* fineract-release/1.8.4/
% svn add fineract-release/1.8.4/
% svn commit -m "Fineract Release 1.8.4" fineract-release/1.8.4/
```

You will now get an automated email from the Apache Reporter Service ([no-reply@reporter.apache.org](mailto:reply@reporter.apache.org)), subject "Please add your release data for 'fineract'" to add the release data (version and date) to the database on reporter.apache.org/addrelease.html?fineract (requires PMC membership).

Gradle Task

Command

```
% ./gradlew fineractReleaseStep12 -Pfineract.release.version=1.8.4
```

Step 13: Close Release Branch

Description

As discussed in [FINERACT-1154](https://issues.apache.org/jira/browse/FINERACT-1154) [https://issues.apache.org/jira/browse/FINERACT-1154], now that everything is final, please do the following to remove the release branch (and just keep the tag), and make sure that everything on the release tag is merged to develop and that e.g. git describe works:

```
% git checkout develop
% git branch -D 1.8.4
% git push origin :1.8.4
% git checkout develop
% git checkout -b merge-1.8.4
% git merge -s recursive -Xignore-all-space 1.8.4 ①
% git commit
% git push $USER
% hub pull-request
```

① Manually resolve merge conflicts, if any

Gradle Task

Command

```
% ./gradlew fineractReleaseStep13 -Pfineract.release.version=1.8.4
```



This task is not yet automated!

Step 14: Update website

Description

Finally update the fineract.apache.org website with the latest release details. The website's HTML source code is available at github.com/apache/fineract-site.



This step is not yet updated. We are working on a static site generator setup.

Gradle Task

Command

```
% ./gradlew fineractReleaseStep14 ①
```

① Currently doing nothing. Will trigger in the future the static site generator and publish on Github.



This task is not yet automated!

Step 15: Announcement Email

Description

Send an email to announce@apache.org (sender address must be @apache.org):

[ANNOUNCE] Apache Fineract \${project['fineract.release.version']} Release

The Apache Fineract project is pleased to announce the release of Apache Fineract \${project['fineract.release.version']}. The release is available for download from <https://fineract.apache.org/#downloads>

Fineract provides a reliable, robust, and affordable solution for entrepreneurs, financial institutions, and service providers to offer financial services to the world's 2 billion underbanked and unbanked. Fineract is aimed at innovative mobile and cloud-based solutions, and enables digital transaction accounts for all.

This release addressed \${project['fineract.release.issues']?size} issues.

Readme:

[https://github.com/apache/fineract/blob/\\${project\['fineract.release.version'\]}/README.md](https://github.com/apache/fineract/blob/${project['fineract.release.version']}/README.md)

Release page:

[https://cwiki.apache.org/confluence/display/FINERACT/\\${project\['fineract.release.version'\]}+-+Apache+Fineract](https://cwiki.apache.org/confluence/display/FINERACT/${project['fineract.release.version']}+-+Apache+Fineract)

List of fixed issues:

[https://issues.apache.org/jira/secure/ReleaseNote.jspa?version=\\${project\['fineract.release.versionId'\]}&styleName=Html&projectId=\\${project\['fineract.release.projectId'\]}](https://issues.apache.org/jira/secure/ReleaseNote.jspa?version=${project['fineract.release.versionId']}&styleName=Html&projectId=${project['fineract.release.projectId']})

For more information on Apache Fineract please visit project home page: <https://fineract.apache.org>

The Apache Fineract Team

Gradle Task

Command

```
% ./gradlew fineractReleaseStep15 -Pfineract.release.version=1.8.4
```

Maintenance Release Process



This is a first attempt to introduce maintenance releases. Some details might change as soon as we get more experience with the process and feedback from the community. The numbers here are still more or less arbitrary, and we'll adapt as necessary.

Rules

- hotfix releases are reserved for critical (BLOCKER) bugs and security issues. Probably we'll have some kind of voting process in place, e. g. "minimum 3 x +1 votes from PMC members"
- we will support (for now to start) two minor versions back counting from the last release; this would mean that once 1.8.0 is out we would support 1.8.x and 1.7.x, but not 1.6.x and older; this rule is tentative, we'll see then what we do in the future when we have more feedback.
- guaranteed backward compatibility with the last minor release; i. e. "1.6.1" is a drop-in replacement for "1.6.0"
- NO new features, tables, data, REST endpoints
- NO major (or "minor" framework upgrades); i. e. if we used Spring Boot "2.6.1" in version "1.6.0" of Fineract we can upgrade dependencies to "2.6.10" (unless it breaks something of course), but not to "2.7.2" of Spring Boot



The rest of the release process is the same as for normal releases. In the future we might have smaller time windows for reviews.

Publish Release Artifacts



More on releases at the ASF see www.apache.org/legal/release-policy.html#distribute-raw-artifact

Requirements

You need to have your GPG keypairs properly set up. The JAR release artifacts (currently only **fineract-client**) are signed with a Gradle plugin just before being uploaded to the Maven repository. Please make sure that the following properties are set in your private **gradle.properties** file in your home folder:

```
signing.keyId=7890ABCD
signing.password=*****
signing.secretKeyRingFile=~/.gnupg/secring.gpg
```

This is quite similar to the Fineract release plugin properties for GPG. In one of the next release we'll merge these two setups to avoid this duplicated configuration.

Maven Repository

We are using the ASF's official [Nexus Maven repository](https://repository.apache.org) [https://repository.apache.org] to publish our snapshot and release artifacts.



Find more information at infra.apache.org/publishing-maven-artifacts.html

NPM Registry

For convenience we will be using Github Packages to publish Fineract's Typescript API client.

TBD

Docker Hub

TBD

Fineract SDKs

TBD

Generate Apache Fineract API Client

Apache Fineract supports client code generation using [OpenAPI Generator](https://openapi-generator.tech) [https://openapi-generator.tech]. It uses [OpenAPI Specification Version 3.0.3](https://swagger.io/specification/) [https://swagger.io/specification/].

Fineract SDK Java API Client

The `fineract-client.jar` will eventually be available on Maven Central (watch [FINERACT-1102](https://issues.apache.org/jira/browse/FINERACT-1102) [https://issues.apache.org/jira/browse/FINERACT-1102]). Until it is, you can quite easily build the latest and greatest version locally from source, see below.

The `FineractClient` [https://github.com/apache/fineract/search?q=FineractClient.java] is the entry point to the *Fineract SDK Java API Client*. `Calls` [https://github.com/apache/fineract/search?q=Calls.java] is a convenient and recommended utility to simplify the use of the `retrofit2.Call` [https://square.github.io/retrofit/2.x/retrofit/retrofit2/Call.html] type which all API operations return. This permits you to use the API like the `FineractClientDemo` [https://github.com/search?l=&q=repo%3Aapache%2Ffineract+filename%3AFineractClientDemo.java&type=code] illustrates:

```
import org.apache.fineract.client.util.FineractClient;
import static org.apache.fineract.client.util.Calls.ok;

FineractClient fineract = FineractClient.builder().baseUrl(
    "https://demo.fineract.dev/fineract-provider/api/v1/").tenant("default")
    .basicAuth("mifos", "password").build();
List<RetrieveOneResponse> staff = Calls.ok(fineract.staff.retrieveAll16(1L, true,
    false, "ACTIVE"));
String name = staff.get(0).getDisplayName();
```

Generate API Client

The API client is built as part of the standard overall Fineract Gradle build. The client JAR can be found in `fineract-client/build/libs` as `fineract-client.jar`.

If you need to save time to incrementally work on making small changes to Swagger annotations in an IDE, you can execute e.g. the following line in root directory of the project to exclude non-require Gradle tasks:

```
./gradlew -x compileJava -x compileTest -x spotlessJava -x enhance resolve
prepareInputYaml :fineract-client:buildJavaSdk
```

Validate OpenAPI Spec File

The `resolve` task in `build.gradle` [<https://github.com/apache/fineract/blob/develop/fineract-provider/build.gradle#L80>] file will generate the OpenAPI Spec File for the project. To make sure Swagger Codegen generates a correct library, it is important for the OpenAPI Spec file to be valid. Validation is done automatically by the OpenAPI code generator Gradle plugin. If you still have problems during code generation please use [Swagger OpenAPI Validator](https://validator.swagger.io/) [<https://validator.swagger.io/>] to validate the spec file.

Apache Fineract REST API

Abstract

Apache Fineract is a secure, multi-tenanted microfinance platform. The goal of the Apache Fineract API is to empower developers to build apps on top of the Apache Fineract Platform. The reference app [<https://cui.fineract.dev>] (username: mifos, password: password) works on the same demo tenant as the interactive links in this documentation. Until we complete the new REST API documentation you still have the legacy documentation available here [<https://fineract.apache.org/legacy-docs/apiLive.htm>]. Please check the Fineract documentation [<https://fineract.apache.org/docs/current>] for more information.

Access

- **HTTP Basic** Authentication *basicAuth*
- **APIKey** KeyParamName: *fineract-platform-tenantid*, KeyInQuery: *false*, KeyInHeader: *true*

Endpoints

AccountNumberFormat

POST /accountnumberformats

Operation Id

create

Create an Account number format

Description

Note: You may associate a single Account number format for a given account type Mandatory Fields for Account number formats accountType

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountNumberFormatsRequest	PostAccountNumberFormatsRequest	-		

Return Type

[PostAccountNumberFormatsResponse](#)

Content Type

- application/json

Responses

Table 5. http response codes

Code	Message	Datatype
200	OK	PostAccountNumberFormatsResponse

Samples

DELETE /accountnumberformats/{accountNumberFormatId}

Operation Id

delete

Delete an Account number format

Description

Note: Account numbers created while this format was active would remain unchanged.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountNumberFormatId	accountNumberFormatId	X	null	

Return Type

[DeleteAccountNumberFormatsResponse](#)

Content Type

- application/json

Responses

Table 6. http response codes

Code	Message	Datatype
200	OK	DeleteAccountNumberFormatsResponse

Samples

GET /accountnumberformats

Operation Id

retrieveAll3

List Account number formats

Description

Example Requests: accountnumberformats accountnumberformats?fields=accountType,prefixType

Parameters

Return Type

array[[GetAccountNumberFormatsIdResponse](#)]

Content Type

- application/json

Responses

Table 7. http response codes

Code	Message	Datatype
200	OK	List[GetAccountNumberFormatsIdResponse]

Samples

GET /accountnumberformats/{accountNumberFormatId}

Operation Id

retrieveOne

Retrieve an Account number format

Description

Example Requests: accountnumberformats/1 accountnumberformats/1?template=true
accountnumberformats/1?fields=accountType,prefixType

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountNumberFormatId	accountNumberFormatId	X	null	

Return Type

[GetAccountNumberFormatsIdResponse](#)

Content Type

- application/json

Responses

Table 8. http response codes

Code	Message	Datatype
200	OK	GetAccountNumberFormatsIdResponse

Samples

GET /accountnumberformats/template

Operation Id

retrieveTemplate2

Retrieve Account number format Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Request: accountnumberformats/template

Parameters

Return Type

[*GetAccountNumberFormatsResponseTemplate*](#)

Content Type

- application/json

Responses

Table 9. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountNumberFormatsResponseTemplate</i>

Samples

PUT /accountnumberformats/{accountNumberFormatId}

Operation Id

update1

Update an Account number format

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountNumberFormatId	accountNumberFormatId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutAccountNumberFormatsRequest	PutAccountNumberFormatsRequest	X		

Return Type

[PutAccountNumberFormatsResponse](#)

Content Type

- application/json

Responses

Table 10. http response codes

Code	Message	Datatype
200	OK	PutAccountNumberFormatsResponse

Samples

AccountTransfers

POST /accounttransfers

Operation Id

create4

Create new Transfer

Description

Ability to create new transfer of monetary funds from one account to another.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountTransfersRequest	PostAccountTransfersRequest	X		

Return Type

[*PostAccountTransfersResponse*](#)

Content Type

- application/json

Responses

Table 11. http response codes

Code	Message	Datatype
200	OK	<i>PostAccountTransfersResponse</i>

Samples

GET /accounttransfers

Operation Id

retrieveAll18

List account transfers

Description

Lists account's transfers Example Requests: accounttransfers

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit		-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
accountDetailId	accountDetailId	-	null	

Return Type

[*GetAccountTransfersResponse*](#)

Content Type

- application/json

Responses

Table 12. http response codes

Code	Message	Datatype
200	OK	GetAccountTransfersResponse

Samples

GET /accounttransfers/{transferId}

Operation Id

retrieveOne9

Retrieve account transfer

Description

Retrieves account transfer Example Requests : accounttransfers/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transferId	transferId	X	null	

Return Type

[GetAccountTransfersPageItems](#)

Content Type

- application/json

Responses

Table 13. http response codes

Code	Message	Datatype
200	OK	GetAccountTransfersPageItems

Samples

GET /accounttransfers/template

Operation Id

template5

Retrieve Account Transfer Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists
Example Requests: `accounttransfers/template?fromAccountType=2&fromOfficeId=1`
`accounttransfers/template?fromAccountType=2&fromOfficeId=1&fromClientId=1`
`accounttransfers/template?fromClientId=1&fromAccountType=2&fromAccountId=1`

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
fromOfficeId	fromOfficeId	-	null	
fromClientId	fromClientId	-	null	
fromAccountId	fromAccountId	-	null	
fromAccountType	fromAccountType	-	null	
toOfficeId	toOfficeId	-	null	
toClientId	toClientId	-	null	
toAccountId	toAccountId	-	null	
toAccountType	toAccountType	-	null	

Return Type

[*GetAccountTransfersTemplateResponse*](#)

Content Type

- application/json

Responses

Table 14. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountTransfersTemplateResponse</i>

Samples

GET /accounttransfers/templateRefundByTransfer

Operation Id

templateRefundByTransfer

Retrieve Refund of an Active Loan by Transfer Template

Description

Retrieves Refund of an Active Loan by Transfer TemplateExample Requests :
 accounttransfers/templateRefundByTransfer?fromAccountId=2&fromAccountType=1&toAccountId=1&toAccountType=2&toClientId=1&toOfficeId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
fromOfficeId	fromOfficeId	-	null	
fromClientId	fromClientId	-	null	
fromAccountId	fromAccountId	-	null	
fromAccountType	fromAccountType	-	null	
toOfficeId	toOfficeId	-	null	
toClientId	toClientId	-	null	
toAccountId	toAccountId	-	null	
toAccountType	toAccountType	-	null	

Return Type

GetAccountTransfersTemplateRefundByTransferResponse

Content Type

- application/json

Responses

Table 15. http response codes

Code	Message	Datatype
200	OK	GetAccountTransfersTemplateRefundByTransferResponse

Samples

POST /accounttransfers/refundByTransfer

Operation Id

templateRefundByTransferPost

Refund of an Active Loan by Transfer

Description

Ability to refund an active loan by transferring to a savings account.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountTransfersRefundByTransferRequest	PostAccountTransfersRefundByTransferRequest	X		

Return Type

[PostAccountTransfersRefundByTransferResponse](#)

Content Type

- application/json

Responses

Table 16. http response codes

Code	Message	Datatype
200	OK	<i>PostAccountTransfersRefundByTransferResponse</i>

Samples

AccountingClosure

POST /glclosures

Operation Id

createGLClosure

Create an Accounting Closure

Description

Mandatory Fields officeId,closingDate

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostGlclosuresRequest	<i>PostGlclosuresRequest</i>	X		

Return Type

PostGlclosuresResponse

Content Type

- application/json

Responses

Table 17. http response codes

Code	Message	Datatype
200	OK	<i>PostGlclosuresResponse</i>

Samples

DELETE /glclosures/{glClosureId}

Operation Id

deleteGLClosure

Delete an accounting closure

Description

Note: Only the latest accounting closure associated with a branch may be deleted.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glClosureId	glclosureId	X	null	

Return Type

[*DeleteGlclosuresResponse*](#)

Content Type

- application/json

Responses

Table 18. http response codes

Code	Message	Datatype
200	OK	<i>DeleteGlclosuresResponse</i>

Samples

GET /glclosures/{glClosureId}

Operation Id

retrieveClosure

Retrieve an Accounting Closure

Description

Example Requests: glclosures/1 /glclosures/1?fields=officeName,closingDate

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glClosureId	glClosureId	X	null	

Return Type

[*GetGlClosureResponse*](#)

Content Type

- application/json

Responses

Table 19. http response codes

Code	Message	Datatype
200	OK	<i>GetGlClosureResponse</i>

Samples

GET /glclosures

Operation Id

retrieveAllClosures

List Accounting closures

Description

Example Requests: glclosures

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	

Return Type

array[[*GetGlClosureResponse*](#)]

Content Type

- application/json

Responses

Table 20. http response codes

Code	Message	Datatype
200	OK	List[GetGlclosureResponse]

Samples

PUT /glclosures/{glClosureId}

Operation Id

updateGLClosure

Update an Accounting closure

Description

Once an accounting closure is created, only the comments associated with it may be edited

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glClosureId	glClosureId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutGlclosuresRequest	PutGlclosuresRequest	-		

Return Type

[PutGlclosuresResponse](#)

Content Type

- application/json

Responses

Table 21. http response codes

Code	Message	Datatype
200	OK	PutGlclosuresResponse

Samples

AccountingRules

POST /accountingrules

Operation Id

createAccountingRule

Create/Define a Accounting rule

Description

Define a new Accounting rule. Mandatory Fields name, officeId, accountToDebit OR debitTags, accountToCredit OR creditTags. Optional Fields description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountingRulesRequest	PostAccountingRulesRequest	-		

Return Type

[PostAccountingRulesResponse](#)

Content Type

- application/json

Responses

Table 22. http response codes

Code	Message	Datatype
200	OK	PostAccountingRulesResponse

Samples

DELETE /accountingrules/{accountingRuleId}

Operation Id

deleteAccountingRule

Delete a Accounting Rule

Description

Deletes a Accounting rule.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountingRuleId	accountingRuleId	X	null	

Return Type

[DeleteAccountingRulesResponse](#)

Content Type

- application/json

Responses

Table 23. http response codes

Code	Message	Datatype
200	OK	DeleteAccountingRulesResponse

Samples

GET /accountingrules/{accountingRuleId}

Operation Id

retrieveAccountingRule

Retrieve a Accounting rule

Description

Returns the details of a defined Accounting rule. Example Requests: accountingrules/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountingRuleId	accountingRuleId	X	null	

Return Type

[*AccountingRuleData*](#)

Content Type

- application/json

Responses

Table 24. http response codes

Code	Message	Datatype
200	OK	<i>AccountingRuleData</i>

Samples

GET /accountingrules

Operation Id

retrieveAllAccountingRules

Retrieve Accounting Rules

Description

Returns the list of defined accounting rules. Example Requests: accountingrules

Parameters

Return Type

array[[*GetAccountRulesResponse*](#)]

Content Type

- application/json

Responses

Table 25. http response codes

Code	Message	Datatype
200	OK	List[GetAccountRulesResponse]

Samples

GET /accountingrules/template

Operation Id

retrieveTemplate1

Retrieve Accounting Rule Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Request: accountingrules/template

Parameters

Return Type

[GetAccountRulesTemplateResponse](#)

Content Type

- application/json

Responses

Table 26. http response codes

Code	Message	Datatype
200	OK	GetAccountRulesTemplateResponse

Samples

PUT /accountingrules/{accountingRuleId}

Operation Id

updateAccountingRule

Update a Accounting Rule

Description

Updates the details of a Accounting rule.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountingRuleId	accountingRuleId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutAccountingRulesRequest	PutAccountingRulesRequest	-		

Return Type

[PutAccountingRulesResponse](#)

Content Type

- application/json

Responses

Table 27. http response codes

Code	Message	Datatype
200	OK	PutAccountingRulesResponse

Samples

AdhocQueryApi

POST /adhocquery

Operation Id

createAdHocQuery

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 28. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /adhocquery/{adHocId}

Operation Id

deleteAdHocQuery

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
adHocId	adHocId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 29. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /adhocquery/{adHocId}

Operation Id

retrieveAdHocQuery

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
adHocId	adHocId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 30. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /adhocquery

Operation Id

retrieveAll2

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 31. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /adhocquery/template

Operation Id

template

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 32. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /adhocquery/{adHocId}

Operation Id

update

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
adHocId	adHocId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 33. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Audits

GET /audits

Operation Id

retrieveAuditEntries

List Audits

Description

Get a 200 list of audits that match the criteria supplied and sorted by audit id in descending order, and are within the requestors' data scope. Also it supports pagination and sorting Example Requests: audits audits?fields=madeOnDate,maker,processingResult audits?makerDateTimeFrom=2013-03-25 08:00:00&makerDateTimeTo=2013-04-04 18:00:00 audits?officeId=1 audits?officeId=1&includeJson=true

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
actionName	actionName	-	null	
entityName	entityName	-	null	
resourceId	resourceId	-	null	
makerId	makerId	-	null	
makerDateTimeFrom	makerDateTimeFrom	-	null	
makerDateTimeTo	makerDateTimeTo	-	null	
checkerId	checkerId	-	null	
checkerDateTimeFrom	checkerDateTimeFrom	-	null	
checkerDateTimeTo	checkerDateTimeTo	-	null	
processingResult	processingResult	-	null	
officeId	officeId	-	null	
groupId	groupId	-	null	
clientId	clientId	-	null	
loanid	loanid	-	null	
savingsAccountId	savingsAccountId	-	null	
paged	paged	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[[GetMakerCheckerResponse](#)]

Content Type

- application/json

Responses

Table 34. http response codes

Code	Message	Datatype
200	OK	List[GetMakerCheckerResponse]

Samples

GET /audits/{auditId}

Operation Id

retrieveAuditEntry

Retrieve an Audit Entry

Description

Example Requests: audits/20 audits/20?fields=madeOnDate,maker,processingResult

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
auditId	auditId	X	null	

Return Type

[GetMakerCheckerResponse](#)

Content Type

- application/json

Responses

Table 35. http response codes

Code	Message	Datatype
200	OK	GetMakerCheckerResponse

Samples

GET /audits/searchtemplate

Operation Id

retrieveAuditSearchTemplate

Audit Search Template

Description

This is a convenience resource. It can be useful when building an Audit Search UI. \"appUsers\" are data scoped to the office/branch the requestor is associated with. Example Requests: audits/searchtemplate audits/searchtemplate?fields=actionNames

Parameters

Return Type

[GetMakerCheckersSearchTemplateResponse](#)

Content Type

- application/json

Responses

Table 36. http response codes

Code	Message	Datatype
200	OK	GetMakerCheckersSearchTemplateResponse

Samples

AuthenticationHTTPBasic

POST /authentication

Operation Id

authenticate

Verify authentication

Description

Authenticates the credentials provided and returns the set roles and permissions allowed.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAuthenticationRequest	PostAuthenticationRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
returnClientList		-	false	

Return Type

[PostAuthenticationResponse](#)

Content Type

- application/json

Responses

Table 37. http response codes

Code	Message	Datatype
200	OK	PostAuthenticationResponse
400	Unauthenticated. Please login	<<>>

Samples

BatchAPI

POST /batches

Operation Id

handleBatchRequests

Batch requests in a single transaction

Description

The Apache Fineract Batch API is also capable of executing all the requests in a single transaction, by setting a Query Parameter, \"enclosingTransaction=true\". So, if one or more of the requests in a batch returns an erroneous response all of the Data base transactions made by other successful requests will be rolled back. If there has been a rollback in a transaction then a single response will be provided, with a '400' status code and a body consisting of the error details of the first failed request.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
BatchRequest	BatchRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
enclosingTransaction	enclosingTransaction	-	false	

Return Type

array[[BatchResponse](#)]

Content Type

- application/json

Responses

Table 38. http response codes

Code	Message	Datatype
200	Success	List[BatchResponse]

Samples

BulkImport

GET /imports/downloadOutputTemplate

Operation Id

getOutputTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
importDocumentId		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 39. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /imports

Operation Id

retrieveImportDocuments

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
entityType		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 40. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /imports/getOutputTemplateLocation

Operation Id

retriveOutputTemplateLocation

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
importDocumentId		-	null	

Return Type

[String]

Content Type

- /

Responses

Table 41. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

BulkLoans

POST /loans/loanreassignment

Operation Id

loanReassignment

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type[\[String\]](#)**Content Type**

- application/json

Responses*Table 42. http response codes*

Code	Message	Datatype
0	default response	[String]

Samples**GET /loans/loanreassignment/template****Operation Id**

loanReassignmentTemplate

Description**Parameters****Query Parameters**

Name	Description	Required	Default	Pattern
officeId		-	null	
fromLoanOfficerId		-	null	

Return Type[\[String\]](#)**Content Type**

- application/json

Responses*Table 43. http response codes*

Code	Message	Datatype
0	default response	[String]

Samples

BusinessDateManagement

GET /businessdate/{type}

Operation Id

getBusinessDate

Retrieve a specific Business date

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Return Type

[BusinessDateResponse](#)

Content Type

- application/json

Responses

Table 44. http response codes

Code	Message	Datatype
200	OK	BusinessDateResponse

Samples

GET /businessdate

Operation Id

getBusinessDates

List all business dates

Description

Parameters

Return Type

array[[BusinessDateResponse](#)]

Content Type

- application/json

Responses

Table 45. http response codes

Code	Message	Datatype
200	OK	List[BusinessDateResponse]

Samples

POST /businessdate

Operation Id

updateBusinessDate

Update Business Date

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
BusinessDateRequest	BusinessDateRequest	X		

Return Type

[BusinessDateRequest](#)

Content Type

- application/json

Responses

Table 46. http response codes

Code	Message	Datatype
200	OK	<i>BusinessDateRequest</i>

Samples

Cache

GET /caches

Operation Id

retrieveAll4

Retrieve Cache Types

Description

Returns the list of caches. Example Requests: caches

Parameters

Return Type

array[*GetCachesResponse*]

Content Type

- application/json

Responses

Table 47. http response codes

Code	Message	Datatype
200	OK	List[<i>GetCachesResponse</i>]

Samples

PUT /caches

Operation Id

switchCache

Switch Cache

Description

Switches the cache to chosen one.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutCachesRequest	PutCachesRequest	X		

Return Type

[PutCachesResponse](#)

Content Type

- application/json

Responses

Table 48. http response codes

Code	Message	Datatype
200	OK	PutCachesResponse

Samples

Calendar

POST /{entityType}/{entityId}/calendars

Operation Id

createCalendar

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 49. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /{entityType}/{entityId}/calendars/{calendarId}

Operation Id

deleteCalendar

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	
calendarId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 50. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/calendars/{calendarId}

Operation Id

retrieveCalendar

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
calendarId		X	null	
entityType		X	null	
entityId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 51. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/calendars

Operation Id

retrieveCalendarsByEntity

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
calendarType		-	all	

Return Type

[String]

Content Type

- application/json

Responses

Table 52. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/calendars/template

Operation Id

retrieveNewCalendarDetails

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	

Name	Description	Required	Default	Pattern
entityId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 53. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /{entityType}/{entityId}/calendars/{calendarId}

Operation Id

updateCalendar

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	
calendarId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 54. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

CashierJournals

GET /cashiersjournal

Operation Id

getJournalData1

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
tellerId		-	null	
cashierId		-	null	
dateRange		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 55. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Cashiers

GET /cashiers

Operation Id

getCashierData

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
tellerId		-	null	
staffId		-	null	
date		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 56. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Centers

POST /centers/{centerId}

Operation Id

activate2

Activate a Center | Generate Collection Sheet | Save Collection Sheet | Close a Center | Associate

Description

Activate a Center: Centers can be created in a Pending state. This API exists to enable center activation. If the center happens to be already active, this API will result in an error. Close a Center: Centers can be closed if they don't have any non-closed groups or saving accounts. If the Center has any active groups or savings accounts, this API will result in an error. Associate Groups: This API allows associating existing groups to a center. The groups are listed from the office to which the center is associated. If group(s) is already associated with a center, this API will result in an error. Disassociate Groups: This API allows to disassociate groups from a center. Generate Collection Sheet: This Api retrieves repayment details of all jlg loans under a center as on a specified meeting date. Save Collection Sheet: This Api allows the loan officer to perform bulk repayments of JLG loans for a center on a given meeting date. Showing Request/Response for Close a Center

Parameters**Path Parameters**

Name	Description	Required	Default	Pattern
centerId	centerId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostCentersCenterIdRequest	PostCentersCenterIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostCentersCenterIdResponse](#)

Content Type

- application/json

Responses

Table 57. http response codes

Code	Message	Datatype
200	OK	PostCentersCenterIdResponse

Samples

POST /centers

Operation Id

create7

Create a Center

Description

Creates a Center Mandatory Fields: name, officeId, active, activationDate (if active=true) Optional Fields: externalId, staffId, groupMembers

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostCentersRequest	PostCentersRequest	X		

Return Type

[PostCentersResponse](#)

Content Type

- application/json

Responses

Table 58. http response codes

Code	Message	Datatype
200	OK	PostCentersResponse

Samples

DELETE /centers/{centerId}

Operation Id

delete10

Delete a Center

Description

A Center can be deleted if it is in pending state and has no association - groups, loans or savings

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
centerId	centerId	X	null	

Return Type

[DeleteCentersCenterIdResponse](#)

Content Type

- application/json

Responses

Table 59. http response codes

Code	Message	Datatype
200	OK	DeleteCentersCenterIdResponse

Samples

GET /centers/downloadtemplate

Operation Id

getCentersTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	

Name	Description	Required	Default	Pattern
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 60. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /centers/uploadtemplate

Operation Id

postCentersTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 61. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /centers

Operation Id

retrieveAll23

List Centers

Description

The default implementation supports pagination and sorting with the default pagination size set to 200 records. The parameter limit with description -1 will return all entries. Example Requests: centers?fields=name,officeName,joinedDate
centers?offset=10&limit=50
centers?orderBy=name&sortOrder=DESC

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
staffId	staffId	-	null	
externalId	externalId	-	null	
name	name	-	null	
underHierarchy	underHierarchy	-	null	
paged	paged	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
meetingDate	meetingDate	-	null	
dateFormat	dateFormat	-	null	
locale	locale	-	null	

Return Type

[*GetCentersResponse*](#)

Content Type

- application/json

Responses

Table 62. http response codes

Code	Message	Datatype
200	OK	<i>GetCentersResponse</i>

Samples

GET /centers/{centerId}/accounts

Operation Id

retrieveGroupAccount

Retrieve Center accounts overview

Description

An example of how a savings summary for a Center can be provided. This is requested in a specific use case of the reference application. It is quite reasonable to add resources like this to simplify User Interface development. Example Requests: centers/9/accounts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
centerId	centerId	X	null	

Return Type

[*GetCentersCenterIdAccountsResponse*](#)

Content Type

- application/json

Responses

Table 63. http response codes

Code	Message	Datatype
200	OK	GetCentersCenterIdAccountsResponse

Samples

GET /centers/{centerId}

Operation Id

retrieveOne13

Retrieve a Center

Description

Retrieves a Center Example Requests: centers/1 centers/1?associations=groupMembers

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
centerId	centerId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetCentersCenterIdResponse](#)

Content Type

- application/json

Responses

Table 64. http response codes

Code	Message	Datatype
200	OK	GetCentersCenterIdResponse

Samples

GET /centers/template

Operation Id

retrieveTemplate6

Retrieve a Center Template

Description

Retrieves a Center Template Example Requests: centers/template centers/template?officeId=2

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	
officeId	officeId	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetCentersTemplateResponse](#)

Content Type

- application/json

Responses

Table 65. http response codes

Code	Message	Datatype
200	OK	GetCentersTemplateResponse

Samples

PUT /centers/{centerId}

Operation Id

update11

Update a Center

Description

Updates a Center

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
centerId	centerId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutCentersCenterIdRequest	PutCentersCenterIdRequest	X		

Return Type

[PutCentersCenterIdResponse](#)

Content Type

- application/json

Responses

Table 66. http response codes

Code	Message	Datatype
200	OK	PutCentersCenterIdResponse

Samples

Charges

POST /charges

Operation Id

createCharge

Create/Define a Charge

Description

Define a new charge that can later be associated with loans and savings through their respective product definitions or directly on each account instance.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostChargesRequest	PostChargesRequest	X		

Return Type

[PostChargesResponse](#)

Content Type

- application/json

Responses

Table 67. http response codes

Code	Message	Datatype
200	OK	PostChargesResponse

Samples

DELETE /charges/{chargeId}

Operation Id

deleteCharge

Delete a Charge

Description

Deletes a Charge.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chargeId	chargeId	X	null	

Return Type

[*DeleteChargesChargeIdResponse*](#)

Content Type

- application/json

Responses

Table 68. http response codes

Code	Message	Datatype
200	OK	<i>DeleteChargesChargeIdResponse</i>

Samples

GET /charges

Operation Id

retrieveAllCharges

Retrieve Charges

Description

Returns the list of defined charges. Example Requests: charges

Parameters

Return Type

array[[*GetChargesResponse*](#)]

Content Type

- application/json

Responses

Table 69. http response codes

Code	Message	Datatype
200	OK	List[GetChargesResponse]

Samples

GET /charges/{chargeId}

Operation Id

retrieveCharge

Retrieve a Charge

Description

Returns the details of a defined Charge. Example Requests: charges/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chargeId	chargeId	X	null	

Return Type

[GetChargesResponse](#)

Content Type

- application/json

Responses

Table 70. http response codes

Code	Message	Datatype
200	OK	GetChargesResponse

Samples

GET /charges/template

Operation Id

retrieveNewChargeDetails

Retrieve Charge Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: charges/template

Parameters

Return Type

[GetChargesTemplateResponse](#)

Content Type

- application/json

Responses

Table 71. http response codes

Code	Message	Datatype
200	OK	GetChargesTemplateResponse

Samples

PUT /charges/{chargeId}

Operation Id

updateCharge

Update a Charge

Description

Updates the details of a Charge.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chargeId	chargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutChargesChargeIdRequest	PutChargesChargeIdRequest	X		

Return Type

[PutChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 72. http response codes

Code	Message	Datatype
200	OK	PutChargesChargeIdResponse

Samples

Client

POST /clients/{clientId}

Operation Id

activate1

Activate a Client | Close a Client | Reject a Client | Withdraw a Client | Reactivate a Client | UndoReject a Client | UndoWithdraw a Client | Assign a Staff | Unassign a Staff | Update Default Savings Account | Propose a Client Transfer | Withdraw a Client Transfer | Reject a Client Transfer | Accept a Client Transfer | Propose and Accept a Client Transfer

Description

Activate a Client: Clients can be created in a Pending state. This API exists to enable client activation (for when a client becomes an approved member of the financial Institution). If the client happens to be already active this API will result in an error. Close a Client: Clients can be closed if they do not have any non-closed loans/savingsAccount. This API exists to close a client . If the client have any active loans/savingsAccount this API will result in an error. Reject a Client: Clients can be rejected when client

is in pending for activation status. If the client is any other status, this API throws an error. Mandatory Fields: rejectionDate, rejectionReasonId Withdraw a Client: Client applications can be withdrawn when client is in a pending for activation status. If the client is any other status, this API throws an error. Mandatory Fields: withdrawalDate, withdrawalReasonId Reactivate a Client: Clients can be reactivated after they have been closed. Trying to reactivate a client in any other state throws an error. Mandatory Fields: reactivationDate UndoReject a Client: Clients can be reactivated after they have been rejected. Trying to reactivate a client in any other state throws an error. Mandatory Fields: reopenedDateUndoWithdraw a Client: Clients can be reactivated after they have been withdrawn. Trying to reactivate a client in any other state throws an error. Mandatory Fields: reopenedDate Assign a Staff: Allows you to assign a Staff for existed Client. The selected Staff should belong to the same office (or an officer higher up in the hierarchy) as the Client he manages. Unassign a Staff: Allows you to unassign the Staff assigned to a Client. Update Default Savings Account: Allows you to modify or assign a default savings account for an existing Client. The selected savings account should be one among the existing savings account for a particular customer. Propose a Client Transfer: Allows you to propose the transfer of a Client to a different Office. Withdraw a Client Transfer: Allows you to withdraw the proposed transfer of a Client to a different Office. Withdrawal can happen only if the destination Branch (to which the transfer was proposed) has not already accepted the transfer proposal Reject a Client Transfer: Allows the Destination Branch to reject the proposed Client Transfer. Accept a Client Transfer: Allows the Destination Branch to accept the proposed Client Transfer. The destination branch may also choose to link this client to a group (in which case, any existing active JLG loan of the client is rescheduled to match the meeting frequency of the group) and loan Officer at the time of accepting the transfer Propose and Accept a Client Transfer: Abstraction over the Propose and Accept Client Transfer API's which enable a user with Data Scope over both the Target and Destination Branches to directly transfer a Client to the destination Office. Showing request/response for 'Reject a Client Transfer'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientsClientIdRequest	PostClientsClientIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostClientsClientIdResponse*](#)

Content Type

- application/json

Responses

Table 73. http response codes

Code	Message	Datatype
200	OK	<i>PostClientsClientIdResponse</i>

Samples

POST /clients

Operation Id

create6

Create a Client

Description

Note: 1. You can enter either:firstname/middlename/lastname - for a person (middlename is optional) OR fullname - for a business or organisation (or person known by one name). 2.If address is enable(enable-address=true), then additional field called address has to be passed. Mandatory Fields: firstname and lastname OR fullname, officeId, active=true and activationDate OR active=false, if(address enabled) address Optional Fields: groupId, externalId, accountNo, staffId, mobileNo, savingsProductId, genderId, clientTypeId, clientClassificationId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostClientsRequest	<i>PostClientsRequest</i>	X		

Return Type

[*PostClientsResponse*](#)

Content Type

- application/json

Responses

Table 74. http response codes

Code	Message	Datatype
200	OK	PostClientsResponse

Samples

DELETE /clients/{clientId}

Operation Id

delete9

Delete a Client

Description

If a client is in Pending state, you are allowed to Delete it. The delete is a 'hard delete' and cannot be recovered from. Once clients become active or have loans or savings associated with them, you cannot delete the client but you may Close the client if they have left the program.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Return Type

[DeleteClientsClientIdResponse](#)

Content Type

- application/json

Responses

Table 75. http response codes

Code	Message	Datatype
200	OK	<i>DeleteClientsClientIdResponse</i>

Samples

GET /clients/downloadtemplate

Operation Id

getClientTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
legalFormType		-	null	
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 76. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /clients/uploadtemplate

Operation Id

postClientTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Query Parameters

Name	Description	Required	Default	Pattern
legalFormType		-	null	

Return Type

[String]

Content Type

- /

Responses

Table 77. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /clients

Operation Id

retrieveAll21

List Clients

Description

The list capability of clients can support pagination and sorting. Example Requests: clients
clients?fields=displayName,officeName,timeline
clients?offset=10&limit=50
clients?orderBy=displayName&sortOrder=DESC

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
officeId	officeId	-	null	
externalId	externalId	-	null	
displayName	displayName	-	null	
firstName	firstName	-	null	
lastName	lastName	-	null	
status	status	-	null	
underHierarchy	underHierarchy	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
orphansOnly	orphansOnly	-	null	

Return Type

[*GetClientsResponse*](#)

Content Type

- application/json

Responses

Table 78. http response codes

Code	Message	Datatype
200	OK	<i>GetClientsResponse</i>

Samples

GET /clients/{clientId}/accounts

Operation Id

retrieveAssociatedAccounts

Retrieve client accounts overview

Description

An example of how a loan portfolio summary can be provided. This is requested in a specific use case of the community application. It is quite reasonable to add resources like this to simplify User Interface development.

Example

Requests:

clients/1/accounts

clients/1/accounts?fields=loanAccounts,savingsAccounts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

[GetClientsClientIdAccountsResponse](#)

Content Type

- application/json

Responses

Table 79. http response codes

Code	Message	Datatype
200	OK	GetClientsClientIdAccountsResponse
400	Bad Request	<<>>

Samples

GET /clients/{clientId}/obligedetails

Operation Id

retrieveObligeeDetails

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 80. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /clients/{clientId}

Operation Id

retrieveOne11

Retrieve a Client

Description

Example Requests: clients/1 clients/1?template=true clients/1?fields=id,displayName,officeName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetClientsClientIdResponse](#)

Content Type

- application/json

Responses

Table 81. http response codes

Code	Message	Datatype
200	OK	GetClientsClientIdResponse

Samples

GET /clients/template

Operation Id

retrieveTemplate5

Retrieve Client Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Request: clients/template

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
commandParam	commandParam	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetClientsTemplateResponse](#)

Content Type

- application/json

Responses

Table 82. http response codes

Code	Message	Datatype
200	OK	GetClientsTemplateResponse

Samples

GET /clients/{clientId}/transferproposaldate

Operation Id

retrieveTransferTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 83. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /clients/{clientId}

Operation Id

update10

Update a Client

Description

Note: You can update any of the basic attributes of a client (but not its associations) using this API. Changing the relationship between a client and its office is not supported through this API. An API specific to handling transfers of clients between offices is available for the same. The relationship between a client and a group must be removed through the Groups API.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutClientsClientIdRequest	PutClientsClientIdRequest	X		

Return Type

[PutClientsClientIdResponse](#)

Content Type

- application/json

Responses

Table 84. http response codes

Code	Message	Datatype
200	OK	PutClientsClientIdResponse

Samples

ClientCharges

POST /clients/{clientId}/charges

Operation Id

applyClientCharge

Add Client Charge

Description

This API associates a Client charge with an implicit Client account Mandatory Fields : chargeId and dueDate Optional Fields : amount

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientsClientIdChargesRequest	PostClientsClientIdChargesRequest	X		

Return Type

[PostClientsClientIdChargesResponse](#)

Content Type

- application/json

Responses

Table 85. http response codes

Code	Message	Datatype
200	OK	PostClientsClientIdChargesResponse

Samples

DELETE /clients/{clientId}/charges/{chargeId}

Operation Id

deleteClientCharge

Delete a Client Charge

Description

Deletes a Client Charge on which no transactions have taken place (either payments or waivers).

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
chargeId	chargeId	X	null	

Return Type

[DeleteClientsClientIdChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 86. http response codes

Code	Message	Datatype
200	OK	DeleteClientsClientIdChargesChargeIdResponse

Samples

POST /clients/{clientId}/charges/{chargeId}

Operation Id

payOrWaiveClientCharge

Pay a Client Charge | Waive a Client Charge

Description

Pay a Client Charge: Mandatory Fields:transactionDate and amount \"Pay either a part of or the entire due amount for a charge.(command=paycharge) Waive a Client Charge: This API provides the facility of waiving off the remaining amount on a client charge (command=waive) Showing request/response for 'Pay a Client Charge'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
chargeId	chargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientsClientIdChargesChargeIdRequest	PostClientsClientIdChargesChargeIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostClientsClientIdChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 87. http response codes

Code	Message	Datatype
200	OK	PostClientsClientIdChargesChargeIdResponse

Samples

GET /clients/{clientId}/charges

Operation Id

retrieveAllClientCharges

List Client Charges

Description

The list capability of client charges supports pagination. Example Requests: clients/1/charges
clients/1/charges?offset=0&limit=5

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
chargeStatus	chargeStatus	-	all	
pendingPayment	pendingPayment	-	null	
limit	limit	-	null	
offset	offset	-	null	

Return Type

[GetClientsClientIdChargesResponse](#)

Content Type

- application/json

Responses

Table 88. http response codes

Code	Message	Datatype
200	OK	GetClientsClientIdChargesResponse

Samples

GET /clients/{clientId}/charges/{chargeId}

Operation Id

retrieveClientCharge

Retrieve a Client Charge

Description

Example Requests: clients/1/charges/1 clients/1/charges/1?fields=name,id

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
chargeId	chargeId	X	null	

Return Type

[GetClientsChargesPageItems](#)

Content Type

- application/json

Responses

Table 89. http response codes

Code	Message	Datatype
200	OK	GetClientsChargesPageItems

Samples

GET /clients/{clientId}/charges/template

Operation Id

retrieveTemplate4

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 90. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

ClientCollateralManagement

POST /clients/{clientId}/collaterals

Operation Id

addCollateral

Add New Collateral For a Client

Description

Add New Collateral For a Client

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientCollateralRequest	PostClientCollateralRequest	X		

Return Type

[PostClientCollateralResponse](#)

Content Type

- application/json

Responses

Table 91. http response codes

Code	Message	Datatype
200	OK	PostClientCollateralResponse

Samples

DELETE /clients/{clientId}/collaterals/{collateralId}

Operation Id

deleteCollateral1

Delete Client Collateral

Description

Delete Client Collateral

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
collateralId	collateralId	X	null	

Return Type

[DeleteClientCollateralResponse](#)

Content Type

- application/json

Responses

Table 92. http response codes

Code	Message	Datatype
200	OK	DeleteClientCollateralResponse

Samples

GET /clients/{clientId}/collaterals

Operation Id

getClientCollateral

Get Clients Collateral Products

Description

Get Collateral Product of a Client

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
prodId	prodId	-	null	

Return Type

[\[List\]](#)

Content Type

- application/json

Responses

Table 93. http response codes

Code	Message	Datatype
200	OK	List[[Object]]

Samples

GET /clients/{clientId}/collaterals/{clientCollateralId}

Operation Id

getClientCollateralData

Get Client Collateral Data

Description

Get Client Collateral Data

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
clientCollateralId	clientCollateralId	X	null	

Return Type

[\[Object\]](#)

Content Type

- application/json

Responses

Table 94. http response codes

Code	Message	Datatype
200	OK	[Object]

Samples

GET /clients/{clientId}/collaterals/template

Operation Id

getClientCollateralTemplate

Get Client Collateral Template

Description

Get Client Collateral Template

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

array[[GetLoanCollateralManagementTemplate](#)]

Content Type

- application/json

Responses

Table 95. http response codes

Code	Message	Datatype
200	OK	List[GetLoanCollateralManagementTemplate]

Samples

PUT /clients/{clientId}/collaterals/{collateralId}

Operation Id

updateCollateral1

Update New Collateral of a Client

Description

Update New Collateral of a Client

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
collateralId	collateralId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutClientCollateralRequest	PutClientCollateralRequest	X		

Return Type

[PutClientCollateralResponse](#)

Content Type

- application/json

Responses

Table 96. http response codes

Code	Message	Datatype
200	OK	PutClientCollateralResponse

Samples

ClientFamilyMember

POST /clients/{clientId}/familymembers

Operation Id

addClientFamilyMembers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 97. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /clients/{clientId}/familymembers/{familyMemberId}

Operation Id

deleteClientFamilyMembers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
familyMemberId		X	null	
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 98. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /clients/{clientId}/familymembers/{familyMemberId}

Operation Id

getFamilyMember

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
familyMemberId		X	null	
clientId	clientId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 99. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /clients/{clientId}/familymembers

Operation Id

getFamilyMembers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 100. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /clients/{clientId}/familymembers/template

Operation Id

getTemplate2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 101. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /clients/{clientId}/familymembers/{familyMemberId}

Operation Id

updateClientFamilyMembers

Description**Parameters****Path Parameters**

Name	Description	Required	Default	Pattern
familyMemberId		X	null	
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 102. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

ClientIdentifier

POST /clients/{clientId}/identifiers

Operation Id

createClientIdentifier

Create an Identifier for a Client

Description

Mandatory Fields documentKey, documentTypeId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientsClientIdIdentifiersRequest	PostClientsClientIdIdentifiersRequest	X		

Return Type

[PostClientsClientIdIdentifiersResponse](#)

Content Type

- application/json

Responses

Table 103. http response codes

Code	Message	Datatype
200	OK	<i>PostClientsClientIdIdentifiersResponse</i>

Samples

DELETE /clients/{clientId}/identifiers/{identifierId}

Operation Id

deleteClientIdentifier

Delete a Client Identifier

Description

Deletes a Client Identifier

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
identifierId	identifierId	X	null	

Return Type

DeleteClientsClientIdIdentifiersIdentifierIdResponse

Content Type

- application/json

Responses

Table 104. http response codes

Code	Message	Datatype
200	OK	<i>DeleteClientsClientIdIdentifiersIdentifierIdResponse</i>

Samples

GET /clients/{clientId}/identifiers/template

Operation Id

newClientIdentifierDetails

Retrieve Client Identifier Details Template

Description

This is a convenience resource useful for building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: clients/1/identifiers/template

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

[GetClientsClientIdIdentifiersTemplateResponse](#)

Content Type

- application/json

Responses

Table 105. http response codes

Code	Message	Datatype
200	OK	GetClientsClientIdIdentifiersTemplateResponse

Samples

GET /clients/{clientId}/identifiers

Operation Id

retrieveAllClientIdentifiers

List all Identifiers for a Client

Description

Example Requests: clients/1/identifiers
clients/1/identifiers?fields=documentKey,documentType,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

array[[GetClientsClientIdIdentifiersResponse](#)]

Content Type

- application/json

Responses

Table 106. http response codes

Code	Message	Datatype
200	OK	List[GetClientsClientIdIdentifierResponse]

Samples

GET /clients/{clientId}/identifiers/{identifierId}

Operation Id

retrieveClientIdentifiers

Retrieve a Client Identifier

Description

Example Requests: clients/1/identifier/2 clients/1/identifier/2?template=true
clients/1/identifiers/2?fields=documentKey,documentType,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
identifierId	identifierId	X	null	

Return Type

[*GetClientsClientIdIdentifiersResponse*](#)

Content Type

- application/json

Responses

Table 107. http response codes

Code	Message	Datatype
200	OK	<i>GetClientsClientIdIdentifiersResponse</i>

Samples

PUT /clients/{clientId}/identifiers/{identifierId}

Operation Id

updateClientIdentifier

Update a Client Identifier

Description

Updates a Client Identifier

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
identifierId	identifierId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutClientsClientIdIdentifiersIdentifierIdRequest	PutClientsClientIdIdentifiersIdentifierIdRequest	X		

Return Type

[PutClientsClientIdIdentifiersIdentifierIdResponse](#)

Content Type

- application/json

Responses

Table 108. http response codes

Code	Message	Datatype
200	OK	PutClientsClientIdIdentifiersIdentifierIdResponse

Samples

ClientTransaction

GET /clients/{clientId}/transactions

Operation Id

retrieveAllClientTransactions

List Client Transactions

Description

The list capability of client transaction can support pagination. Example Requests: clients/189/transactions clients/189/transactions?offset=10&limit=50

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	

Return Type

[*GetClientsClientIdTransactionsResponse*](#)

Content Type

- application/json

Responses

Table 109. http response codes

Code	Message	Datatype
200	OK	<i>GetClientsClientIdTransactionsResponse</i>

Samples

GET /clients/{clientId}/transactions/{transactionId}

Operation Id

retrieveClientTransaction

Retrieve a Client Transaction

Description

Example Requests: clients/1/transactions/1 clients/1/transactions/1?fields=id,officeName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
transactionId	transactionId	X	null	

Return Type

[*GetClientsClientIdTransactionsTransactionIdResponse*](#)

Content Type

- application/json

Responses

Table 110. http response codes

Code	Message	Datatype
200	OK	<i>GetClientsClientIdTransactionsTransactionIdResponse</i>

Samples

POST /clients/{clientId}/transactions/{transactionId}

Operation Id

undoClientTransaction

Undo a Client Transaction

Description

Undoes a Client Transaction

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
transactionId	transactionId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostClientsClientIdTransactionsTransactionIdResponse*](#)

Content Type

- application/json

Responses

Table 111. http response codes

Code	Message	Datatype
200	OK	<i>PostClientsClientIdTransactionsTransactionIdResponse</i>

Samples

ClientsAddress

POST /client/{clientid}/addresses

Operation Id

addClientAddress

Create an address for a Client

Description

Mandatory Fields : type and clientId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientid	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostClientClientIdAddressesRequest	<i>PostClientClientIdAddressesRequest</i>	X		

Query Parameters

Name	Description	Required	Default	Pattern
type	type	-	null	

Return Type

[*PostClientClientIdAddressesResponse*](#)

Content Type

- application/json

Responses

Table 112. http response codes

Code	Message	Datatype
200	OK	<i>PostClientClientIdAddressesResponse</i>

Samples

GET /client/{clientid}/addresses

Operation Id

getAddresses1

List all addresses for a Client

Description

Example Requests: client/1/addresses clients/1/addresses?status=false,true&&type=1,2,3

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientid	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
status	status	-	null	

Name	Description	Required	Default	Pattern
type	type	-	null	

Return Type

array[[GetClientClientIdAddressesResponse](#)]

Content Type

- application/json

Responses

Table 113. http response codes

Code	Message	Datatype
200	OK	List[GetClientClientIdAddressesResponse]

Samples

GET /client/addresses/template

Operation Id

getAddressesTemplate

Description

Parameters

Return Type

[[String](#)]

Content Type

- application/json

Responses

Table 114. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /client/{clientid}/addresses

Operation Id

updateClientAddress

Update an address for a Client

Description

All the address fields can be updated by using update client address API Mandatory Fields type and addressId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientid	clientId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutClientClientIdAddressesRequest	PutClientClientIdAddressesRequest	X		

Return Type

[PutClientClientIdAddressesResponse](#)

Content Type

- application/json

Responses

Table 115. http response codes

Code	Message	Datatype
200	OK	PutClientClientIdAddressesResponse

Samples

CodeValues

POST /codes/{codeId}/codevalues

Operation Id

createCodeValue

Create a Code description

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostCodeValuesDataRequest	PostCodeValuesDataRequest	X		

Return Type

[PostCodeValueDataResponse](#)

Content Type

- application/json

Responses

Table 116. http response codes

Code	Message	Datatype
200	OK	PostCodeValueDataResponse

Samples

DELETE /codes/{codeId}/codevalues/{codeValueId}

Operation Id

deleteCodeValue

Delete a Code description

Description

Deletes a code description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	
codeValueId	codeValueId	X	null	

Return Type

[DeleteCodeValueDataResponse](#)

Content Type

- application/json

Responses

Table 117. http response codes

Code	Message	Datatype
200	OK	DeleteCodeValueDataResponse

Samples

GET /codes/{codeId}/codevalues

Operation Id

retrieveAllCodeValues

List Code Values

Description

Returns the list of Code Values for a given Code Example Requests: codes/1/codevalues

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	

Return Type

array[[GetCodeValuesDataResponse](#)]

Content Type

- application/json

Responses

Table 118. http response codes

Code	Message	Datatype
200	A List of code values for a given code	List[GetCodeValuesDataResponse]

Samples

GET /codes/{codeId}/codevalues/{codeValueId}

Operation Id

retrieveCodeValue

Retrieve a Code description

Description

Returns the details of a Code Value Example Requests: codes/1/codevalues/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeValueId	codeValueId	X	null	
codeId	codeId	X	null	

Return Type

[GetCodeValuesDataResponse](#)

Content Type

- application/json

Responses

Table 119. http response codes

Code	Message	Datatype
200	OK	GetCodeValuesDataResponse

Samples

PUT /codes/{codeId}/codevalues/{codeValueId}

Operation Id

updateCodeValue

Update a Code description

Description

Updates the details of a code description.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	
codeValueId	codeValueId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutCodeValuesDataRequest	PutCodeValuesDataRequest	X		

Return Type

[PutCodeValueDataResponse](#)

Content Type

- application/json

Responses

Table 120. http response codes

Code	Message	Datatype
200	OK	PutCodeValueDataResponse

Samples

Codes

POST /codes

Operation Id

createCode

Create a Code

Description

Creates a code. Codes created through api are always 'user defined' and so system defined is marked as false.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostCodesRequest	PostCodesRequest	X		

Return Type

[PostCodesResponse](#)

Content Type

- application/json

Responses

Table 121. http response codes

Code	Message	Datatype
200	OK	PostCodesResponse

Samples

DELETE /codes/{codeId}

Operation Id

deleteCode

Delete a Code

Description

Deletes a code if it is not system defined.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	

Return Type

[DeleteCodesResponse](#)

Content Type

- application/json

Responses

Table 122. http response codes

Code	Message	Datatype
200	OK	DeleteCodesResponse

Samples

GET /codes/{codeId}

Operation Id

retrieveCode

Retrieve a Code

Description

Returns the details of a Code. Example Requests: codes/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	

Return Type

[GetCodesResponse](#)

Content Type

- application/json

Responses

Table 123. http response codes

Code	Message	Datatype
200	OK	GetCodesResponse

Samples

GET /codes

Operation Id

retrieveCodes

Retrieve Codes

Description

Returns the list of codes. Example Requests: codes

Parameters

Return Type

array[[GetCodesResponse](#)]

Content Type

- application/json

Responses

Table 124. http response codes

Code	Message	Datatype
200	OK	List[GetCodesResponse]

Samples

PUT /codes/{codeId}

Operation Id

updateCode

Update a Code

Description

Updates the details of a code if it is not system defined.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
codeId	codeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutCodesRequest	PutCodesRequest	X		

Return Type

[PutCodesResponse](#)

Content Type

- application/json

Responses

Table 125. http response codes

Code	Message	Datatype
200	OK	PutCodesResponse

Samples

CollateralManagement

POST /collateral-management

Operation Id

createCollateral1

Create a new collateral

Description

Collateral Creation

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostCollateralManagementProductRequest	PostCollateralManagementProductRequest	X		

Return Type

[PostCollateralManagementProductResponse](#)

Content Type

- application/json

Responses

Table 126. http response codes

Code	Message	Datatype
200	OK	PostCollateralManagementProductResponse

Samples

DELETE /collateral-management/{collateralId}

Operation Id

deleteCollateral2

Delete a Collateral

Description

Delete Collateral

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
collateralId	collateralId	X	null	

Return Type

DeleteCollateralProductResponse

Content Type

- application/json

Responses

Table 127. http response codes

Code	Message	Datatype
200	OK	<i>DeleteCollateralProductResponse</i>

Samples

GET /collateral-management

Operation Id

getAllCollaterals

Get All Collaterals

Description

Fetch all Collateral Products

Parameters

Return Type

array[[GetCollateralManagementsResponse](#)]

Content Type

- application/json

Responses

Table 128. http response codes

Code	Message	Datatype
200	OK	List[GetCollateralManagementsResponse]

Samples

GET /collateral-management/{collateralId}

Operation Id

getCollateral

Get Collateral

Description

Fetch Collateral

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
collateralId	collateralId	X	null	

Return Type

[GetCollateralManagementsResponse](#)

Content Type

- application/json

Responses

Table 129. http response codes

Code	Message	Datatype
200	OK	GetCollateralManagementsResponse

Samples

GET /collateral-management/template

Operation Id

getCollateralTemplate

Get Collateral Template

Description

Get Collateral Template

Parameters

Return Type

array[[GetCollateralProductTemplate](#)]

Content Type

- application/json

Responses

Table 130. http response codes

Code	Message	Datatype
200	OK	List[GetCollateralProductTemplate]

Samples

PUT /collateral-management/{collateralId}

Operation Id

updateCollateral2

Update Collateral

Description

Update Collateral

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
collateralId	collateralId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutCollateralProductRequest	PutCollateralProductRequest	X		

Return Type

[PutCollateralProductResponse](#)

Content Type

- application/json

Responses

Table 131. http response codes

Code	Message	Datatype
200	OK	PutCollateralProductResponse

Samples

CollectionSheet

POST /collectionsheet

Operation Id

generateCollectionSheet

Generate Individual Collection Sheet | Save Collection Sheet

Description

Generate Individual Collection Sheet: This Api retrieves repayment details of all individual loans under a office as on a specified meeting date. Save Collection Sheet: This Api allows the loan officer to perform bulk repayments of individual loans and deposit of mandatory savings on a given meeting date.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostCollectionSheetRequest	PostCollectionSheetRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostCollectionSheetResponse](#)

Content Type

- application/json

Responses

Table 132. http response codes

Code	Message	Datatype
200	OK	PostCollectionSheetResponse

Samples

CreditBureauConfiguration

POST /CreditBureauConfiguration/organisationCreditBureau/{organisationCreditBureauId}

Operation Id

addOrganisationCreditBureau

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
organisationCreditBureauId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 133. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /CreditBureauConfiguration/configuration/{creditBureauId}

Operation Id

createCreditBureauConfiguration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
creditBureauId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 134. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /CreditBureauConfiguration/mappings/{organisationCreditBureauId}

Operation Id

createCreditBureauLoanProductMapping

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
organisationCreditBureauId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 135. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration/loanProduct

Operation Id

fetchLoanProducts

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 136. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration/loanProduct/{loanProductId}

Operation Id

fetchMappingByLoanProductId

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanProductId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 137. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration/config/{organisationCreditBureauId}

Operation Id

getConfiguration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
organisationCreditBureauId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 138. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration

Operation Id

getCreditBureau

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 139. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration/mappings

Operation Id

getCreditBureauLoanProductMapping

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 140. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /CreditBureauConfiguration/organisationCreditBureau

Operation Id

getOrganisationCreditBureau

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 141. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /CreditBureauConfiguration/organisationCreditBureau

Operation Id

updateCreditBureau

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 142. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /CreditBureauConfiguration/configuration/{configurationId}

Operation Id

updateCreditBureauConfiguration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
configurationId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 143. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /CreditBureauConfiguration/mappings

Operation Id

updateCreditBureauLoanProductMapping

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 144. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Currency

GET /currencies

Operation Id

retrieveCurrencies

Retrieve Currency Configuration

Description

Returns the list of currencies permitted for use AND the list of currencies not selected (but available for selection). Example Requests: currencies currencies?fields=selectedCurrencyOptions

Parameters

Return Type

[GetCurrenciesResponse](#)

Content Type

- application/json

Responses

Table 145. http response codes

Code	Message	Datatype
200	OK	GetCurrenciesResponse

Samples

PUT /currencies

Operation Id

updateCurrencies

Update Currency Configuration

Description

Updates the list of currencies permitted for use.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutCurrenciesRequest	PutCurrenciesRequest	X		

Return Type

[PutCurrenciesResponse](#)

Content Type

- application/json

Responses

Table 146. http response codes

Code	Message	Datatype
200	OK	PutCurrenciesResponse

Samples

DataTables

POST /datatables

Operation Id

createDatatable

Create Data Table

Description

Create a new data table and registers it with the Apache Fineract Core application table. Field Descriptions Mandatory - datatableName : The name of the Data Table. Mandatory - apptableName Application table name. Must be one of the following: m_client m_group m_loan m_office m_saving_account m_product_loan m_savings_product Mandatory - columns An array of columns in the new Data Table. Optional - multiRow Allows to create multiple entries in the Data Table. Optional, defaults to false. If this property is not provided Data Table will allow only one entry. Field Descriptions - columns Mandatory - name Name of the created column. Can contain only alphanumeric characters, underscores and spaces, but cannot start with a number. Cannot start or end with an underscore or space. Mandatory - type Column type. Must be one of the following: Boolean Date DateTime Decimal Dropdown Number String Text Mandatory [type = Dropdown] - code Used in Code description fields. Column name becomes: code_cd_name. Mandatory if using type Dropdown, otherwise an error is returned. Optional - mandatory Determines whether this column must have a value in every entry. Optional, defaults to false. Mandatory [type = String] - length Length of the text field. Mandatory if type String is used, otherwise an error is returned.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostDataTablesRequest	PostDataTablesRequest	X		

Return Type

[PostDataTablesResponse](#)

Content Type

- application/json

Responses

Table 147. http response codes

Code	Message	Datatype
200	OK	PostDataTablesResponse

Samples

POST /datatables/{datatable}/{apptableId}

Operation Id

createDatatableEntry

Create Entry in Data Table

Description

Adds a row to the data table. Note that the default datatable UI functionality converts any field name containing spaces to underscores when using the API. This means the field name \"Business Description\" is considered the same as \"Business_Description\". So you shouldn't have both \"versions\" in any data table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptableId	apptableId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	{ "BusinessDescription":: "Livestock sales",, "Comment":: "First comment made",, "Education_cv":: "Primary",, "Gender_cd":: 6, "HighestRatePaid":: 8.5, "NextVisit":: "01 October 2012",, "YearsinBusiness":: 5, "dateFormat":: "dd MMMM yyyy",, "locale":: "en" } [string]	X		

Return Type

[*PostDataTablesAppTableIdResponse*](#)

Content Type

- application/json

Responses

Table 148. http response codes

Code	Message	Datatype
200	OK	<i>PostDataTablesAppTableIdResponse</i>

Samples

DELETE /datatables/{datatableName}

Operation Id

deleteDatatable

Delete Data Table

Description

Deletes a data table and deregisters it from the Apache Fineract Core application table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatableName	datatableName	X	null	

Return Type

[DeleteDataTablesResponse](#)

Content Type

- application/json

Responses

Table 149. http response codes

Code	Message	Datatype
200	OK	DeleteDataTableResponse

Samples

DELETE /datatables/{datatable}/{apptableId}

Operation Id

deleteDatatableEntries

Delete Entry(s) in Data Table

Description

Deletes the entry (if it exists) for data tables that are one-to-one with the application table. Deletes the entries (if they exist) for data tables that are one-to-many with the application table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	

Name	Description	Required	Default	Pattern
apptableId	apptableId	X	null	

Return Type

[DeleteDataTablesDatatableAppTableIdResponse](#)

Content Type

- application/json

Responses

Table 150. http response codes

Code	Message	Datatype
200	OK	DeleteDataTable sDatatableAppT ableIdResponse

Samples

DELETE /datatables/{datatable}/{apptableId}/{datatableId}

Operation Id

deleteDatatableEntries1

Delete Entry in Datatable (One to Many)

Description

Deletes the entry (if it exists) for data tables that are one to many with the application table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptableId	apptableId	X	null	
datatableId	datatableId	X	null	

Return Type

[DeleteDataTablesDatatableAppTableIdDatatableIdResponse](#)

Content Type

- application/json

Responses

Table 151. http response codes

Code	Message	Datatype
200	OK	DeleteDataTableAppTableIdDatatableIdResponse

Samples

POST /datatables/deregister/{datatable}

Operation Id

deregisterDatatable

Deregister Data Table

Description

Deregisters a data table. It will no longer be available through the API.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	

Return Type

[PutDataTablesResponse](#)

Content Type

- application/json

Responses

Table 152. http response codes

Code	Message	Datatype
200	OK	PutDataTablesResponse

Samples

GET /datatables/{datatable}

Operation Id

getDatatable

Retrieve Data Table Details

Description

Lists a registered data table details and the Apache Fineract Core application table they are registered to.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	

Return Type

[GetDataTablesResponse](#)

Content Type

- application/json

Responses

Table 153. http response codes

Code	Message	Datatype
200	OK	GetDataTablesResponse

Samples

GET /datatables/{datatable}/{apptableId}

Operation Id

getDatatable1

Retrieve Entry(s) from Data Table

Description

Gets the entry (if it exists) for data tables that are one to one with the application table. Gets the entries (if they exist) for data tables that are one to many with the application table. Note: The 'fields' parameter is not available for datatables. ARGUMENTS orderoptional Specifies the order in which data is returned.genericResultSetoptional, defaults to false If 'true' an optimised JSON format is returned suitable for tabular display of data. This format is used by the default data tables UI functionality. Example Requests: datatables/extra_client_details/1 datatables/extra_family_details/1?order=Date of Birth desc datatables/extra_client_details/1?genericResultSet=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptableId	apptableId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
order	order	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 154. http response codes

Code	Message	Datatype
200	OK	[String]

Samples

GET /datatables/{datatable}/{apptableId}/{datatableId}

Operation Id

getDatatableManyEntry

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable		X	null	
apptableId		X	null	
datatableId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
order		-	null	
genericResultSet	Optional flag to format the response	-	false	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 155. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /datatables

Operation Id

getDatatables

List Data Tables

Description

Lists registered data tables and the Apache Fineract Core application table they are registered to. ARGUMENTS apptable - optional The Apache Fineract core application table. Example Requests:/datatables?apptable=m_client/datatables

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
apptable	apptable	-	null	

Return Type

array[[GetDataTablesResponse](#)]

Content Type

- application/json

Responses

Table 156. http response codes

Code	Message	Datatype
200	OK	List[GetDataTablesResponse]

Samples

POST //datatables/register/{datatable}/{apptable}

Operation Id

registerDatatable

Register Data Table

Description

Registers a data table with the Apache Fineract Core application table. This allows the data table to be maintained through the API. In case the datatable is a PPI (survey table), a parameter category should be pass along with the request. The API currently support one category (200)

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptable	apptable	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	-		

Return Type

[*PutDataTablesResponse*](#)

Content Type

- application/json

Responses

Table 157. http response codes

Code	Message	Datatype
200	OK	<i>PutDataTablesResponse</i>

Samples

PUT /datatables/{datatableName}

Operation Id

updateDatatable

Update Data Table

Description

Modifies fields of a data table. If the apptableName parameter is passed, data table is deregistered and registered with the new application table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatableName	datatableName	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutDataTablesRequest	PutDataTablesRequest	X		

Return Type

[PutDataTablesResponse](#)

Content Type

- application/json

Responses

Table 158. http response codes

Code	Message	Datatype
200	OK	PutDataTablesResponse

Samples

PUT /datatables/{datatable}/{apptableId}/{datatableId}

Operation Id

updateDatatableEntryOneToMany

Update Entry in Data Table (One to Many)

Description

Updates the row (if it exists) of the data table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptableId	apptableId	X	null	
datatableId	datatableId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	X		

Return Type

PutDataTablesAppTableIdDatatableIdResponse

Content Type

- application/json

Responses

Table 159. http response codes

Code	Message	Datatype
200	OK	<i>PutDataTablesAppTableIdDatatableIdResponse</i>

Samples

PUT /datatables/{datatable}/{apptableId}

Operation Id

updateDatatableEntryOnetoOne

Update Entry in Data Table (One to One)

Description

Updates the row (if it exists) of the data table.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
datatable	datatable	X	null	
apptableId	apptableId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	X		

Return Type

PutDataTablesAppTableIdResponse

Content Type

- application/json

Responses

Table 160. http response codes

Code	Message	Datatype
200	OK	<i>PutDataTablesAppTableIdResponse</i>

Samples

Default

POST /email/campaign/{resourceId}

Operation Id

activate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 161. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /creditBureauIntegration/addCreditReport

Operation Id

addCreditReport

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Query Parameters

Name	Description	Required	Default	Pattern
creditBureauId	creditBureauId	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 162. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /{entity}/{entityId}/images

Operation Id

addNewClientImage1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entity		X	null	
entityId		X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Header Parameters

Name	Description	Required	Default	Pattern
Content-Length		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 163. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /email

Operation Id

create1

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 164. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /email/campaign

Operation Id

createCampaign

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 165. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /smscampaigns

Operation Id

createCampaign1

Create a SMS Campaign

Description

Mandatory Fields campaignName, campaignType, triggerType, providerId, runReportId, message
Mandatory Fields for Cash based on selected report id paramValue in json format

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
CommandWrapper	<i>CommandWrapper</i>	X		

Return Type

CommandProcessingResult

Content Type

- application/json

Responses

Table 166. http response codes

Code	Message	Datatype
200	OK	<i>CommandProcessingResult</i>

Samples

DELETE /email/{resourceId}

Operation Id

delete1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 167. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /email/campaign/{resourceId}

Operation Id

delete2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 168. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /smscampaigns/{campaignId}

Operation Id

delete3

Delete a SMS Campaign

Description

Note: Only closed SMS Campaigns can be deleted

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
campaignId		X	null	

Return Type

[CommandProcessingResult](#)

Content Type

- /

Responses

Table 169. http response codes

Code	Message	Datatype
200	OK	CommandProcessingResult

Samples

DELETE /officetransactions/{transactionId}

Operation Id

delete8

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transactionId		X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 170. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /{entity}/{entityId}/images

Operation Id

deleteClientImage

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entity		X	null	
entityId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 171. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /creditBureauIntegration/deleteCreditReport/{creditBureauId}

Operation Id

deleteCreditReport

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
creditBureauId	creditBureauId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 172. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /creditBureauIntegration/creditReport

Operation Id

fetchCreditReport

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
request_body	[object]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 173. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /echo

Operation Id

get

Description

Parameters

Return Type

[String]

Content Type

- text/plain

Responses

Table 174. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /internal/client/{clientId}/audit

Operation Id

getClientAuditFields

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 175. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /application.wadl/{path}

Operation Id

getExternalGrammar

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
path		X	null	

Return Type

-

Content Type

- application/xml

Responses

Table 176. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /internal/loan/{loanId}/audit

Operation Id

getLoanAuditFields

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 177. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /internal/loan/{loanId}/transaction/{transactionId}/audit

Operation Id

getLoanTransactionAuditFields

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	
transactionId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 178. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /creditBureauIntegration/creditReport/{creditBureauId}

Operation Id

getSavedCreditReport

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
creditBureauId	creditBureauId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 179. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /application.wadl

Operation Id

getWadl

Description

Parameters

Return Type

-

Content Type

- application/vnd.sun.wadl+xml
- application/xml

Responses

Table 180. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /smscampaigns/{campaignId}

Operation Id

handleCommands

SMS Campaign

Description

Activates | Deactivates | Reactivates

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
campaignId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[CommandProcessingResult](#)

Content Type

- application/json

Responses

Table 181. http response codes

Code	Message	Datatype
200	OK	CommandProcessingResult

Samples

GET /officetransactions/template

Operation Id

newOfficeTransactionDetails

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 182. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /email/campaign/preview

Operation Id

preview

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 183. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /smscampaigns/preview

Operation Id

preview1

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 184. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/configuration

Operation Id

retrieveAll5

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 185. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /twofactor/configure

Operation Id

retrieveAll9

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 186. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/campaign

Operation Id

retrieveAllCampaign

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 187. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/messageByStatus

Operation Id

retrieveAllEmailByStatus

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch		-	null	
offset		-	null	
limit		-	null	
status		-	null	
orderBy		-	null	
sortOrder		-	null	
fromDate		-	null	
toDate		-	null	
locale		-	null	
dateFormat		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 188. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email

Operation Id

retrieveAllEmails

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 189. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /smscampaigns

Operation Id

retrieveAllEmails1

List SMS Campaigns

Description

Example Requests: smscampaigns

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

SmsCampaignData

Content Type

- application/json

Responses

Table 190. http response codes

Code	Message	Datatype
200	OK	<i>SmsCampaignData</i>

Samples

GET /smscampaigns/{resourceId}

Operation Id

retrieveCampaign

Retrieve a SMS Campaign

Description

Example Requests: smscampaigns/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

SmsCampaignData

Content Type

- application/json

Responses

Table 191. http response codes

Code	Message	Datatype
200	OK	<i>SmsCampaignData</i>

Samples

GET /email/failedEmail

Operation Id

retrieveFailedEmail

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 192. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entity}/{entityId}/images

Operation Id

retrieveImage

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entity		X	null	
entityId		X	null	

Header Parameters

Name	Description	Required	Default	Pattern
Accept		-	null	

Query Parameters

Name	Description	Required	Default	Pattern
maxWidth		-	null	
maxHeight		-	null	
output		-	null	

Return Type

-

Content Type

• /

Responses

Table 193. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /officetransactions

Operation Id

retrieveOfficeTransactions

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 194. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/{resourceId}

Operation Id

retrieveOne1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 195. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/campaign/{resourceId}

Operation Id

retrieveOneCampaign

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 196. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/campaign/template/{resourceId}

Operation Id

retrieveOneTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 197. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/pendingEmail

Operation Id

retrievePendingEmail

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 198. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/sentEmail

Operation Id

retrieveSentEmail

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 199. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /creditBureauIntegration/saveCreditReport

Operation Id

saveCreditReport

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
creditBureauId	creditBureauId	-	null	
nationalId	nationalId	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 200. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /email/campaign/template

Operation Id

template1

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 201. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /smscampaigns/template

Operation Id

template2

Retrieve a SMS Campaign

Description

Example Requests: smscampaigns/1 smscampaigns/1?template=true smscampaigns/template

Parameters

Return Type

SmsCampaignData

Content Type

- /

Responses

Table 202. http response codes

Code	Message	Datatype
200	OK	<i>SmsCampaignData</i>

Samples

POST /officetransactions

Operation Id

transferMoneyFrom

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 203. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /email/{resourceId}

Operation Id

update2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 204. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /email/campaign/{resourceId}

Operation Id

updateCampaign

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 205. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /smscampaigns/{campaignId}

Operation Id

updateCampaign1

Update a Campaign

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
campaignId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
CommandWrapper	<i>CommandWrapper</i>	X		

Return Type

CommandProcessingResult

Content Type

- application/json

Responses

Table 206. http response codes

Code	Message	Datatype
200	OK	<i>CommandProcessingResult</i>

Samples

PUT /{entity}/{entityId}/images

Operation Id

updateClientImage1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entity		X	null	
entityId		X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Header Parameters

Name	Description	Required	Default	Pattern
Content-Length		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 207. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /email/configuration

Operation Id

updateConfiguration

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 208. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /twofactor/configure

Operation Id

updateConfiguration3

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 209. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DepositAccountOnHoldFundTransactions

GET /savingsaccounts/{savingsId}/onholdtransactions

Operation Id

retrieveAll28

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
guarantorFundingId		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 210. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DeviceRegistration

DELETE /self/device/registration/{id}

Operation Id

delete5

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 211. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /self/device/registration

Operation Id

registerDevice

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 212. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/device/registration

Operation Id

retrieveAllDeviceRegistrations

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 213. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/device/registration/{id}

Operation Id

retrieveDeviceRegistration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 214. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/device/registration/client/{clientId}

Operation Id

retrieveDeviceRegistrationByClientId

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 215. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /self/device/registration/{id}

Operation Id

updateDeviceRegistration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 216. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Documents

POST /{entityType}/{entityId}/documents

Operation Id

createDocument

Create a Document

Description

Note: A document is created using a Multi-part form upload
Body Parts name : Name or summary of the document
description : Description of the document
file : The file to be uploaded
Mandatory Fields : file and description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
description	[string]	-	null	
locale	[string]	-	null	
name	[string]	-	null	
uploadedInputStream	[file]	-	null	

Header Parameters

Name	Description	Required	Default	Pattern
Content-Length	Content-Length	-	null	

Return Type

[*PostEntityTypeEntityIdDocumentsResponse*](#)

Content Type

- application/json

Responses

Table 217. http response codes

Code	Message	Datatype
200	Not Shown (multi-part form data)	<i>PostEntityTypeEntityIdDocumentsResponse</i>

Samples

DELETE `/{{entityType}}/{{entityId}}/documents/{{documentId}}`

Operation Id

deleteDocument

Remove a Document

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	
documentId	documentId	X	null	

Return Type

[*DeleteEntityTypeEntityIdDocumentsResponse*](#)

Content Type

- application/json

Responses

Table 218. http response codes

Code	Message	Datatype
200	OK	DeleteEntityTypeEntityIdDocumentsResponse

Samples

GET /{entityType}/{entityId}/documents/{documentId}/attachment

Operation Id

downloadFile

Retrieve Binary File associated with Document

Description

Request used to download the file associated with the document Example Requests:
clients/1/documents/1/attachment loans/1/documents/1/attachment

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	
documentId	documentId	X	null	

Return Type

-

Responses

Table 219. http response codes

Code	Message	Datatype
200	Not Shown: The corresponding Binary file	<<>>

Samples

GET `/{{entityType}}/{{entityId}}/documents/{{documentId}}`

Operation Id

getDocument

Retrieve a Document

Description

Example Requests: `clients/1/documents/1` `loans/1/documents/1`
`client_identifiers/1/documents/1?fields=name,description`

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	
documentId	documentId	X	null	

Return Type

[*GetEntityTypeEntityIdDocumentsResponse*](#)

Content Type

- application/json

Responses

Table 220. http response codes

Code	Message	Datatype
200	OK	<i>GetEntityTypeEntityIdDocumentsResponse</i>

Samples

GET `/{{entityType}}/{{entityId}}/documents`

Operation Id

retrieveAllDocuments

List documents

Description

Example Requests: clients/1/documents client_identifiers/1/documents
loans/1/documents?fields=name,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	

Return Type

array[[GetEntityTypeEntityIdDocumentsResponse](#)]

Content Type

- application/json

Responses

Table 221. http response codes

Code	Message	Datatype
200	OK	List[GetEntityTypeEntityIdDocumentsResponse]

Samples

PUT /{entityType}/{entityId}/documents/{documentId}

Operation Id

updateDocument

Update a Document

Description

Note: A document is updated using a Multi-part form upload Body Parts name Name or summary of the document description Description of the document file The file to be uploaded

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType	entityType	X	null	
entityId	entityId	X	null	
documentId	documentId	X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
description	[string]	-	null	
locale	[string]	-	null	
name	[string]	-	null	
uploadedInputStream	[file]	-	null	

Header Parameters

Name	Description	Required	Default	Pattern
Content-Length	Content-Length	-	null	

Return Type

[*PutEntityTypeEntityIdDocumentsResponse*](#)

Content Type

- application/json

Responses

Table 222. http response codes

Code	Message	Datatype
200	Not Shown (multi-part form data)	<i>PutEntityTypeEntityIdDocumentsResponse</i>

Samples

EntityDataTable

POST /entityDatatableChecks

Operation Id

createEntityDatatableCheck

Create Entity-Datatable Checks

Description

Mandatory Fields : entity, status, datatableName Non-Mandatory Fields : productId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostEntityDatatableChecksTemplateRequest	PostEntityDatatableChecksTemplateRequest	X		

Return Type

[PostEntityDatatableChecksTemplateResponse](#)

Content Type

- application/json

Responses

Table 223. http response codes

Code	Message	Datatype
200	OK	PostEntityDatatableChecksTemplateResponse

Samples

DELETE /entityDatatableChecks/{entityDatatableCheckId}

Operation Id

deleteDatatable1

Delete Entity-Datatable Checks

Description

Deletes an existing Entity-Datatable Check

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityDatatableCheckId	entityDatatableCheckId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[*DeleteEntityDatatableChecksTemplateResponse*](#)

Content Type

- application/json

Responses

Table 224. http response codes

Code	Message	Datatype
200	OK	<i>DeleteEntityDatatableChecksTemplateResponse</i>

Samples

GET /entityDatatableChecks/template

Operation Id

getTemplate

Retrieve Entity-Datatable Checks Template

Description

This is a convenience resource useful for building maintenance user interface screens for Entity-Datatable Checks applications. The template data returned consists of: Allowed description Lists
Example Request: entityDatatableChecks/template

Parameters

Return Type

[GetEntityDatatableChecksTemplateResponse](#)

Content Type

- application/json

Responses

Table 225. http response codes

Code	Message	Datatype
200	OK	GetEntityDatatableChecksTemplateResponse

Samples

GET /entityDatatableChecks

Operation Id

retrieveAll6

List Entity-Datatable Checks

Description

The list capability of Entity-Datatable Checks can support pagination. OPTIONAL ARGUMENTS offset Integer optional, defaults to 0 Indicates the result from which pagination startslimit Integer optional, defaults to 200 Restricts the size of results returned. To override the default and return all entries you must explicitly pass a non-positive integer value for limit e.g. limit=0, or limit=-1 Example Request: entityDatatableChecks?offset=0&limit=15

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
status	status	-	null	
entity	entity	-	null	
productId	productId	-	null	
offset	offset	-	null	
limit	limit	-	null	

Return Type

array[[GetEntityDatatableChecksResponse](#)]

Content Type

- application/json

Responses

Table 226. http response codes

Code	Message	Datatype
200	OK	List[GetEntityDatatableChecksResponse]

Samples

EntityFieldConfiguration

GET /fieldconfiguration/{entity}

Operation Id

getAddresses

Retrieves the Entity Field Configuration

Description

It retrieves all the Entity Field Configuration

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entity	entity	X	null	

Return Type

array[[GetFieldConfigurationEntityResponse](#)]

Content Type

- application/json

Responses

Table 227. http response codes

Code	Message	Datatype
200	OK	List[GetFieldConfigurationEntityResponse]

Samples

ExternalServices

GET /externalservice/{servicename}

Operation Id

retrieveOne2

Retrieve External Services Configuration

Description

Returns a external Service configurations based on the Service Name. Service Names supported are S3 and SMTP. Example Requests: externalservice/SMTP

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
servicename	servicename	X	null	

Return Type

[ExternalServicesPropertiesData](#)

Content Type

- application/json

Responses

Table 228. http response codes

Code	Message	Datatype
200	OK	ExternalServicesPropertiesData

Samples

PUT /externalservice/{servicename}

Operation Id

updateExternalServiceProperties

Update External Service

Description

Updates the external Service Configuration for a Service Name. Example: externalservice/S3

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
servicename	servicename	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutExternalServiceRequest	PutExternalServiceRequest	X		

Return Type

-

Responses

Table 229. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

FetchAuthenticatedUserDetails

GET /userdetails

Operation Id

fetchAuthenticatedUserData

Fetch authenticated user details

Description

checks the Authentication and returns the set roles and permissions allowed.

Parameters

Return Type

[GetUserDetailsResponse](#)

Content Type

- application/json

Responses

Table 230. http response codes

Code	Message	Datatype
200	OK	GetUserDetailsResponse

Samples

FineractEntity

POST /entitytoentitymapping/{relId}

Operation Id

createMap

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
relId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 231. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /entitytoentitymapping/{mapId}

Operation Id

delete4

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mapId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 232. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /entitytoentitymapping/{mapId}/{fromId}/{toId}

Operation Id

getEntityToEntityMappings

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mapId		X	null	
fromId		X	null	
toId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 233. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /entitytoentitymapping

Operation Id

retrieveAll7

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 234. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /entitytoentitymapping/{mapId}

Operation Id

retrieveOne4

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mapId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 235. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /entitytoentitymapping/{mapId}

Operation Id

updateMap

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mapId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 236. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

FixedDepositAccount

GET /fixeddepositaccounts/{accountId}/template

Operation Id

accountClosureTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 237. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /fixeddepositaccounts/{accountId}

Operation Id

delete14

Delete a fixed deposit application

Description

At present we support hard delete of fixed deposit application so long as its in 'Submitted and pending approval' state. Once the application moves past this state, it is not possible to do a 'hard' delete of the application or the account. An API endpoint will be added to close/de-activate the fixed deposit account.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

[DeleteFixedDepositAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 238. http response codes

Code	Message	Datatype
200	OK	DeleteFixedDepositAccountsAccountIdResponse

Samples

GET /fixeddepositaccounts/downloadtemplate

Operation Id

getFixedDepositTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 239. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /fixeddepositaccounts/transaction/downloadtemplate

Operation Id

getFixedDepositTransactionTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 240. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /fixeddepositaccounts/{accountId}

Operation Id

handleCommands4

Approve fixed deposit application | Undo approval fixed deposit application | Reject fixed deposit application | Withdraw fixed deposit application | Activate a fixed deposit account | Close a fixed deposit account | Premature Close a fixed deposit account | Calculate Premature amount on Fixed deposit account | Calculate Interest on Fixed Deposit Account | Post Interest on Fixed Deposit Account

Description

Approve fixed deposit application: Approves fixed deposit application so long as its in 'Submitted and

pending approval' state. Undo approval fixed deposit application: Will move 'approved' fixed deposit application back to 'Submitted and pending approval' state. Reject fixed deposit application: Rejects fixed deposit application so long as its in 'Submitted and pending approval' state. Withdraw fixed deposit application: Used when an applicant withdraws from the fixed deposit application. It must be in 'Submitted and pending approval' state. Close a fixed deposit account: Results in a Matured fixed deposit account being converted into a 'closed' fixed deposit account. Premature Close a fixed deposit account: Results in an Active fixed deposit account being converted into a 'Premature Closed' fixed deposit account with options to withdraw prematured amount. (premature amount is calculated using interest rate chart applicable along with penal interest if any.) Calculate Premature amount on Fixed deposit account: Calculate premature amount on fixed deposit account till premature close date. Premature amount is calculated based on interest chart and penal interest applicable. Calculate Interest on Fixed Deposit Account: Calculates interest earned on a fixed deposit account based on todays date. It does not attempt to post or credit the interest on the account. That is responsibility of the Post Interest API that will likely be called by overnight process. Post Interest on Fixed Deposit Account: Calculates and Posts interest earned on a fixed deposit account based on today's date and whether an interest posting or crediting event is due. Showing request/response for Calculate Interest on Fixed Deposit Account

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostFixedDepositAccountsAccountIdResponse*](#)

Content Type

- application/json

Responses

Table 241. http response codes

Code	Message	Datatype
200	OK	PostFixedDepositAccountsAccountIdResponse

Samples

POST /fixeddepositaccounts/uploadtemplate

Operation Id

postFixedDepositTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[\[String\]](#)

Content Type

- /

Responses

Table 242. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /fixeddepositaccounts/transaction/uploadtemplate

Operation Id

postFixedDepositTransactionTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

• /

Responses

Table 243. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /fixeddepositaccounts

Operation Id

retrieveAll29

List Fixed deposit applications/accounts

Description

Lists Fixed Deposit Accounts Example Requests: fixeddepositaccounts
fixeddepositaccounts?fields=name

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
paged	paged	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[[GetFixedDepositAccountsResponse](#)]

Content Type

- application/json

Responses

Table 244. http response codes

Code	Message	Datatype
200	OK	List[GetFixedDepositAccountsResponse]

Samples

GET /fixeddepositaccounts/{accountId}

Operation Id

retrieveOne18

Retrieve a fixed deposit application/account

Description

Retrieves a fixed deposit application/account Example Requests : fixeddepositaccounts/1
fixeddepositaccounts/1?associations=all

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
chargeStatus	chargeStatus	-	all	

Return Type

[*GetFixedDepositAccountsAccountIdResponse*](#)

Content Type

- application/json

Responses

Table 245. http response codes

Code	Message	Datatype
200	OK	<i>GetFixedDepositAccountsAccountIdResponse</i>

Samples

POST /fixeddepositaccounts

Operation Id

submitApplication

Submit new fixed deposit application

Description

Submits a new fixed deposit applicationMandatory Fields: clientId or groupId, productId, submittedOnDate, depositAmount, depositPeriod, depositPeriodFrequencyId Optional Fields: accountNo, externalId, fieldOfficerId,linkAccountId(if provided initial deposit amount will be collected from this account),transferInterestToSavings(By enabling this flag all interest postings will be transferred to linked saving account)

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostFixedDepositAccountsRequest	PostFixedDepositAccountsRequest	X		

Return Type

[PostFixedDepositAccountsResponse](#)

Content Type

- application/json

Responses

Table 246. http response codes

Code	Message	Datatype
200	OK	PostFixedDepositAccountsResponse

Samples

GET /fixeddepositaccounts/template

Operation Id

template12

Retrieve Fixed Deposit Account Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for fixed deposit applications. The template data returned consists of any or all of: Field Defaults Allowed Value ListsExample Requests: fixeddepositaccounts/template?clientId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	

Name	Description	Required	Default	Pattern
groupId	groupId	-	null	
productId	productId	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[*GetFixedDepositAccountsTemplateResponse*](#)

Content Type

- application/json

Responses

Table 247. http response codes

Code	Message	Datatype
200	OK	<i>GetFixedDepositAccountsTemplateResponse</i>

Samples

PUT /fixeddepositaccounts/{accountId}

Operation Id

update15

Modify a fixed deposit application

Description

Fixed deposit application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method. Specific api endpoints will be created to allow change of interest detail such as rate, compounding period, posting period etc

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutFixedDepositAccountsAccountIdRequest	PutFixedDepositAccountsAccountIdRequest	X		

Return Type

[PutFixedDepositAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 248. http response codes

Code	Message	Datatype
200	OK	PutFixedDepositAccountsAccountIdResponse

Samples

FixedDepositAccountTransactions

POST /fixeddepositaccounts/{fixedDepositAccountId}/transactions/{transactionId}

Operation Id

adjustTransaction

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fixedDepositAccountId		X	null	
transactionId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 249. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /fixeddepositaccounts/{fixedDepositAccountId}/transactions/{transactionId}

Operation Id

retrieveOne17

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fixedDepositAccountId		X	null	
transactionId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 250. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /fixeddepositaccounts/{fixedDepositAccountId}/transactions/template

Operation Id

retrieveTemplate13

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fixedDepositAccountId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 251. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /fixeddepositaccounts/{fixedDepositAccountId}/transactions

Operation Id

transaction

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fixedDepositAccountId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 252. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

FixedDepositProduct

POST /fixeddepositproducts

Operation Id

create11

Create a Fixed Deposit Product

Description

Creates a Fixed Deposit Product Mandatory Fields: name, shortName, description, currencyCode, digitsAfterDecimal, inMultiplesOf, interestCompoundingPeriodType, interestCalculationType, interestCalculationDaysInYearType, minDepositTerm, minDepositTermTypeId, accountingRule Optional Fields: lockinPeriodFrequency, lockinPeriodFrequencyType, maxDepositTerm, maxDepositTermTypeId, inMultiplesOfDepositTerm, inMultiplesOfDepositTermTypeId, preClosurePenalApplicable, preClosurePenalInterest, preClosurePenalInterestOnTypeId, feeToIncomeAccountMappings, penaltyToIncomeAccountMappings, charges, charts, , withHoldTax, taxGroupId Mandatory Fields for Cash based accounting (accountingRule = 2): savingsReferenceAccountId, savingsControlAccountId, interestOnSavingsAccountId, incomeFromFeeAccountId, transfersInSuspenseAccountId, incomeFromPenaltyAccountId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostFixedDepositProductsRequest	PostFixedDepositProductsRequest	X		

Return Type

[PostFixedDepositProductsResponse](#)

Content Type

- application/json

Responses

Table 253. http response codes

Code	Message	Datatype
200	OK	PostFixedDepositProductsResponse

Samples

DELETE /fixeddepositproducts/{productId}

Operation Id

delete15

Delete a Fixed Deposit Product

Description

Deletes a Fixed Deposit Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[*DeleteFixedDepositProductsProductIdResponse*](#)

Content Type

- application/json

Responses

Table 254. http response codes

Code	Message	Datatype
200	OK	<i>DeleteFixedDepositProductsProductIdResponse</i>

Samples

GET /fixeddepositproducts

Operation Id

retrieveAll30

List Fixed Deposit Products

Description

Lists Fixed Deposit Products Example Requests: fixeddepositproducts
fixeddepositproducts?fields=name

Parameters

Return Type

array[[*GetFixedDepositProductsResponse*](#)]

Content Type

- application/json

Responses

Table 255. http response codes

Code	Message	Datatype
200	OK	List[GetFixedDepositProductsResponse]

Samples

GET /fixeddepositproducts/{productId}

Operation Id

retrieveOne19

Retrieve a Fixed Deposit Product

Description

Retrieves a Fixed Deposit Product Example Requests: fixeddepositproducts/1
fixeddepositproducts/1?template=true fixeddepositproducts/1?fields=name,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[GetFixedDepositProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 256. http response codes

Code	Message	Datatype
200	OK	<i>GetFixedDepositProductsProductIdResponse</i>

Samples

GET /fixeddepositproducts/template

Operation Id

retrieveTemplate14

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 257. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /fixeddepositproducts/{productId}

Operation Id

update16

Update a Fixed Deposit Product

Description

Updates a Fixed Deposit Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutFixedDepositProductsProductIdRequest	PutFixedDepositProductsProductIdRequest	X		

Return Type

[PutFixedDepositProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 258. http response codes

Code	Message	Datatype
200	OK	PutFixedDepositProductsProductIdResponse

Samples

FloatingRates

POST /floatingrates

Operation Id

createFloatingRate

Create a new Floating Rate

Description

Creates a new Floating Rate Mandatory Fields: name Optional Fields: isBaseLendingRate, isActive, ratePeriods

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostFloatingRatesRequest	PostFloatingRatesRequest	X		

Return Type

[PostFloatingRatesResponse](#)

Content Type

- application/json

Responses

Table 259. http response codes

Code	Message	Datatype
200	OK	PostFloatingRatesResponse

Samples

GET /floatingrates

Operation Id

retrieveAll22

List Floating Rates

Description

Lists Floating Rates

Parameters

Return Type

array[[GetFloatingRatesResponse](#)]

Content Type

- application/json

Responses

Table 260. http response codes

Code	Message	Datatype
200	OK	List[GetFloatingRatesResponse]

Samples

GET /floatingrates/{floatingRateId}

Operation Id

retrieveOne12

Retrieve Floating Rate

Description

Retrieves Floating Rate

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
floatingRateId	floatingRateId	X	null	

Return Type

[GetFloatingRatesFloatingRateIdResponse](#)

Content Type

- application/json

Responses

Table 261. http response codes

Code	Message	Datatype
200	OK	GetFloatingRatesFloatingRateIdResponse

Samples

PUT /floatingrates/{floatingRateId}

Operation Id

updateFloatingRate

Update Floating Rate

Description

Updates new Floating Rate. Rate Periods in the past cannot be modified. All the future rateperiods would be replaced with the new ratePeriods data sent.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
floatingRateId	floatingRateId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutFloatingRatesFloatingRateIdRequest	PutFloatingRatesFloatingRateIdRequest	X		

Return Type

[PutFloatingRatesFloatingRateIdResponse](#)

Content Type

- application/json

Responses

Table 262. http response codes

Code	Message	Datatype
200	OK	PutFloatingRatesFloatingRateIdResponse

Samples

Funds

POST /funds

Operation Id

createFund

Create a Fund

Description

Creates a Fund

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostFundsRequest	PostFundsRequest	X		

Return Type

[PostFundsResponse](#)

Content Type

- application/json

Responses

Table 263. http response codes

Code	Message	Datatype
200	OK	PostFundsResponse

Samples

GET /funds/{fundId}

Operation Id

retrieveFund

Retrieve a Fund

Description

Returns the details of a Fund. Example Requests: funds/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fundId	fundId	X	null	

Return Type

[GetFundsResponse](#)

Content Type

- application/json

Responses

Table 264. http response codes

Code	Message	Datatype
200	OK	GetFundsResponse

Samples

GET /funds

Operation Id

retrieveFunds

Retrieve Funds

Description

Returns the list of funds. Example Requests: funds

Parameters

Return Type

array[[GetFundsResponse](#)]

Content Type

- application/json

Responses

Table 265. http response codes

Code	Message	Datatype
200	OK	List[GetFundsResponse]

Samples

PUT /funds/{fundId}

Operation Id

updateFund

Update a Fund

Description

Updates the details of a fund.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
fundId	fundId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutFundsFundIdRequest	PutFundsFundIdRequest	X		

Return Type

[PutFundsFundIdResponse](#)

Content Type

- application/json

Responses

Table 266. http response codes

Code	Message	Datatype
200	OK	PutFundsFundI dResponse

Samples

GeneralLedgerAccount

POST /glaccounts

Operation Id

createGLAccount1

Create a General Ledger Account

Description

Note: You may optionally create Hierarchical Chart of Accounts by using the \"parentId\" property of an Account Mandatory Fields: name, glCode, type, usage and manualEntriesAllowed

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostGLAccountsRequest	PostGLAccountsRequest	-		

Return Type

[PostGLAccountsResponse](#)

Content Type

- application/json

Responses

Table 267. http response codes

Code	Message	Datatype
200	OK	PostGLAccounts Response

Samples

DELETE /glaccounts/{glAccountId}

Operation Id

deleteGLAccount1

Delete an accounting closure

Description

Note: Only the latest accounting closure associated with a branch may be deleted.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glAccountId	glAccountId	X	null	

Return Type

[*DeleteGLAccountsRequest*](#)

Content Type

- application/json

Responses

Table 268. http response codes

Code	Message	Datatype
200	OK	<i>DeleteGLAccountsRequest</i>

Samples

GET /glaccounts/downloadtemplate

Operation Id

getGLAccountsTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 269. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /glaccounts/uploadtemplate

Operation Id

postGlAccountsTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 270. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /glaccounts/{glAccountId}

Operation Id

retrieveAccount

Retrieve a General Ledger Account

Description

Example Requests: glaccounts/1 glaccounts/1?template=true glaccounts/1?fields=name,glCode
glaccounts/1?fetchRunningBalance=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glAccountId	glAccountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
fetchRunningBalance	fetchRunningBalance	-	null	

Return Type

GetGLAccountsResponse

Content Type

- application/json

Responses

Table 271. http response codes

Code	Message	Datatype
200	OK	GetGLAccountsResponse

Samples

GET /glaccounts

Operation Id

retrieveAllAccounts

List General Ledger Accounts

Description

ARGUMENTS type Integer optional manualEntriesAllowed boolean optional usage Integer optional disabled boolean optional parentId Long optional tagId Long optional Example Requests: glaccounts glaccounts?type=1&manualEntriesAllowed=true&usage=1&disabled=false glaccounts?fetchRunningBalance=true

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
type	type	-	null	
searchParam	searchParam	-	null	
usage	usage	-	null	
manualEntriesAllowed	manualEntriesAllowed	-	null	
disabled	disabled	-	null	
fetchRunningBalance	fetchRunningBalance	-	null	

Return Type

array[[GetGLAccountsResponse](#)]

Content Type

- application/json

Responses

Table 272. http response codes

Code	Message	Datatype
200	OK	List[GetGLAccountsResponse]

Samples

GET /glaccounts/template

Operation Id

retrieveNewAccountDetails

Retrieve GL Accounts Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Request: glaccounts/template glaccounts/template?type=1 type is optional and integer value from 1 to 5. 1.Assets 2.Liabilities 3.Equity 4.Income 5.Expenses

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
type	type	-	null	

Return Type

[GetGLAccountsTemplateResponse](#)

Content Type

- application/json

Responses

Table 273. http response codes

Code	Message	Datatype
200	OK	GetGLAccountsTemplateResponse

Samples

PUT /glaccounts/{glAccountId}

Operation Id

updateGLAccount1

Update an Accounting closure

Description

Once an accounting closure is created, only the comments associated with it may be edited

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glAccountId	glAccountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutGLAccountsRequest	PutGLAccountsRequest	-		

Return Type

[PutGLAccountsResponse](#)

Content Type

- application/json

Responses

Table 274. http response codes

Code	Message	Datatype
200	OK	PutGLAccountsResponse

Samples

GlobalConfiguration

GET /configurations

Operation Id

retrieveConfiguration

Retrieve Global Configuration | Retrieve Global Configuration for surveys

Description

Returns the list global enable/disable configurations. Example Requests: configurations Returns the list global enable/disable survey configurations. Example Requests: configurations/survey

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
survey	survey	-	false	

Return Type

[GetGlobalConfigurationsResponse](#)

Content Type

- application/json

Responses

Table 275. http response codes

Code	Message	Datatype
200	List of example \n response \nsurveys response \ngiven below	GetGlobalConfigurationsResponse

Samples

GET /configurations/{configId}

Operation Id

retrieveOne3

Retrieve Global Configuration

Description

Returns a global enable/disable configurations. Example Requests: configurations/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
configId	configId	X	null	

Return Type

[*GetGlobalConfigurationsResponse*](#)

Content Type

- application/json

Responses

Table 276. http response codes

Code	Message	Datatype
200	OK	<i>GetGlobalConfigurationsResponse</i>

Samples

GET /configurations/name/{name}

Operation Id

retrieveOneByName

Retrieve Global Configuration

Description

Returns a global enable/disable configuration. Example Requests: configurations/name/Enable-Address

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
name	name	X	null	

Return Type

[*GlobalConfigurationPropertyData*](#)

Content Type

- application/json

Responses

Table 277. http response codes

Code	Message	Datatype
200	OK	GlobalConfigurationPropertyData

Samples

PUT /configurations/{configId}

Operation Id

updateConfiguration1

Update Global Configuration

Description

Updates an enable/disable global configuration item.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
configId	configId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutGlobalConfigurationsRequest	PutGlobalConfigurationsRequest	X		

Return Type

[PutGlobalConfigurationsResponse](#)

Content Type

- application/json

Responses

Table 278. http response codes

Code	Message	Datatype
200	OK	PutGlobalConfigurationsResponse

Samples

Groups

POST /groups/{groupId}

Operation Id

activateOrGenerateCollectionSheet

Activate a Group | Associate Clients | Disassociate Clients | Transfer Clients across groups | Generate Collection Sheet | Save Collection Sheet | Unassign a Staff | Assign a Staff | Close a Group | Unassign a Role | Update a Role

Description

Activate a Group: Groups can be created in a Pending state. This API exists to enable group activation. If the group happens to be already active this API will result in an error. Mandatory Fields: activationDate Associate Clients: This API allows to associate existing clients to a group. The clients are listed from the office to which the group is associated. If client(s) is already associated with group then API will result in an error. Mandatory Fields: clientMembers Disassociate Clients: This API allows to disassociate clients from a group. Disassociating a client with active joint liability group loans results in an error. Mandatory Fields: clientMembers Transfer Clients across groups: This API allows to transfer clients from one group to another Mandatory Fields: destinationGroupId and clients Optional Fields: inheritDestinationGroupLoanOfficer (defaults to true) and transferActiveLoans (defaults to true) Generate Collection Sheet: This API retrieves repayment details of all jlg loans of all members of a group on a specified meeting date. Mandatory Fields: calendarId and transactionDate Save Collection Sheet: This api allows the loan officer to perform bulk repayments of JLG loans for a group on its meeting date. Mandatory Fields: calendarId, transactionDate, actualDisbursementDate Optional Fields: clientsAttendance, bulkRepaymentTransaction, bulkDisbursementTransactions Unassign a Staff: Allows you to unassign the Staff. Mandatory Fields: staffId Assign a Staff: Allows you to assign Staff to an existing Group. The selected Staff should be belong to the same office (or an office higher up in the hierarchy) as this group Mandatory Fields: staffId Optional Fields: inheritStaffForClientAccounts (Optional: Boolean if true all members of the group (i.e all clients with active loans and savings) will inherit the staffId) Close a Group: This API exists to close a group. Groups can be closed if they don't have any non-closed clients/loans/savingsAccounts. If the group has any active clients/loans/savingsAccount, this API will result in an error. Assign a Role: Allows you to assign a Role to an existing member of a group. We can define the different roles applicable to group members by

adding code values to the pre-defined system code GROUPROLE. Example:Group leader etc. Mandatory Fields: clientId, role Unassign a Role: Allows you to unassign Roles associated tp Group members. Update a Role: Allows you to update the member Role. Mandatory Fields: role Showing request/response for Transfer Clients across groups

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostGroupsGroupIdRequest	<i>PostGroupsGroupIdRequest</i>	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	
roleId	roleId	-	null	

Return Type

[*PostGroupsGroupIdResponse*](#)

Content Type

- application/json

Responses

Table 279. http response codes

Code	Message	Datatype
200	OK	<i>PostGroupsGroupIdResponse</i>

Samples

POST /groups

Operation Id

create8

Create a Group

Description

Creates a Group Mandatory Fields: name, officeId, active, activationDate (if active=true) Optional Fields: externalId, staffId, clientMembers

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostGroupsRequest	PostGroupsRequest	X		

Return Type

[PostGroupsResponse](#)

Content Type

- application/json

Responses

Table 280. http response codes

Code	Message	Datatype
200	OK	PostGroupsResponse

Samples

DELETE /groups/{groupId}

Operation Id

delete11

Delete a Group

Description

A group can be deleted if it is in pending state and has no associations - clients, loans or savings

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Return Type

[*DeleteGroupsGroupIdResponse*](#)

Content Type

- application/json

Responses

Table 281. http response codes

Code	Message	Datatype
200	OK	<i>DeleteGroupsGroupIdResponse</i>

Samples

GET /groups/downloadtemplate

Operation Id

getGroupsTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 282. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /groups/uploadtemplate

Operation Id

postGroupTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 283. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /groups/{groupId}/accounts

Operation Id

retrieveAccounts

Retrieve Group accounts overview

Description

Retrieves details of all Loan and Savings accounts associated with this group. Example Requests: groups/1/accounts groups/1/accounts?fields=loanAccounts,savingsAccounts,memberLoanAccounts,memberSavingsAccounts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Return Type

[GetGroupsGroupIdAccountsResponse](#)

Content Type

- application/json

Responses

Table 284. http response codes

Code	Message	Datatype
200	OK	GetGroupsGroupIdAccountsResponse

Samples

GET /groups

Operation Id

retrieveAll24

List Groups

Description

The default implementation of listing Groups returns 200 entries with support for pagination and sorting. Using the parameter limit with description -1 returns all entries. Example Requests: groups groups?fields=name,officeName,joinedDate groups?offset=10&limit=50 groups?orderBy=name&sortOrder=DESC

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
staffId	staffId	-	null	
externalId	externalId	-	null	
name	name	-	null	
underHierarchy	underHierarchy	-	null	
paged	paged	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
orphansOnly	orphansOnly	-	null	

Return Type

[GetGroupsResponse](#)

Content Type

- application/json

Responses

Table 285. http response codes

Code	Message	Datatype
200	OK	GetGroupsResponse

Samples

GET /groups/{groupId}/gsimaccounts

Operation Id

retrieveGsimAccounts

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
parentGSIMAccountNo		-	null	
parentGSIMId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 286. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /groups/{groupId}

Operation Id

retrieveOne14

Retrieve a Group

Description

Retrieve group information. Example Requests: groups/1 groups/1?associations=clientMembers

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
roleId	roleId	-	null	

Return Type

[GetGroupsGroupIdResponse](#)

Content Type

- application/json

Responses

Table 287. http response codes

Code	Message	Datatype
200	OK	GetGroupsGroupIdResponse

Samples

GET /groups/template

Operation Id

retrieveTemplate7

Retrieve Group Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value

Lists Example Requests: groups/template groups/template?officeId=2 groups/template?centerId=1 groups/template?centerId=1&staffInSelectedOfficeOnly=true

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
center	center	-	null	
centerId	centerId	-	null	
command	command	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetGroupsTemplateResponse](#)

Content Type

- application/json

Responses

Table 288. http response codes

Code	Message	Datatype
200	OK	GetGroupsTemplateResponse

Samples

GET /groups/{groupId}/glimaccounts

Operation Id

retrieveglimAccounts

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
parentLoanAccountNo		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 289. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /groups/{groupId}/command/unassign_staff

Operation Id

unassignLoanOfficer

Unassign a Staff

Description

Allows you to unassign the Staff. Mandatory Fields: staffId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostGroupsGroupIdCommandUnassignStaffRequest	PostGroupsGroupIdCommandUnassignStaffRequest	X		

Return Type

[PostGroupsGroupIdCommandUnassignStaffResponse](#)

Content Type

- application/json

Responses

Table 290. http response codes

Code	Message	Datatype
200	OK	PostGroupsGroupIdCommandUnassignStaffResponse

Samples

PUT /groups/{groupId}

Operation Id

update12

Update a Group

Description

Updates a Group

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
groupId	groupId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutGroupsGroupIdRequest	PutGroupsGroupIdRequest	X		

Return Type

[PutGroupsGroupIdResponse](#)

Content Type

- application/json

Responses

Table 291. http response codes

Code	Message	Datatype
200	OK	PutGroupsGroupIdResponse

Samples

GroupsLevel

GET /grouplevels

Operation Id

retrieveAllGroups

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 292. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Guarantors

GET /loans/{loanId}/guarantors/accounts/template

Operation Id

accountsTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 293. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /loans/{loanId}/guarantors

Operation Id

createGuarantor

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 294. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /loans/{loanId}/guarantors/{guarantorId}

Operation Id

deleteGuarantor

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	
guarantorId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
guarantorFundingId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 295. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/{loanId}/guarantors/downloadtemplate

Operation Id

getGuarantorTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 296. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /loans/{loanId}/guarantors/template

Operation Id

newGuarantorTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 297. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /loans/{loanId}/guarantors/uploadtemplate

Operation Id

postGuarantorTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 298. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/{loanId}/guarantors

Operation Id

retrieveGuarantorDetails

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 299. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/{loanId}/guarantors/{guarantorId}

Operation Id

retrieveGuarantorDetails1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	
guarantorId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 300. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /loans/{loanId}/guarantors/{guarantorId}

Operation Id

updateGuarantor

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	
guarantorId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 301. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Holidays

POST /holidays

Operation Id

createNewHoliday

Create a Holiday

Description

Mandatory Fields: name, description, fromDate, toDate, repaymentsRescheduledTo, offices

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostHolidaysRequest	<i>PostHolidaysRequest</i>	X		

Return Type

PostHolidaysResponse

Content Type

- application/json

Responses

Table 302. http response codes

Code	Message	Datatype
200	OK	<i>PostHolidaysResponse</i>

Samples

DELETE /holidays/{holidayId}

Operation Id

delete7

Delete a Holiday

Description

This API allows to delete a holiday. This is a soft delete the deleted holiday status is marked as deleted.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
holidayId	holidayId	X	null	

Return Type

[*DeleteHolidaysHolidayIdResponse*](#)

Content Type

- application/json

Responses

Table 303. http response codes

Code	Message	Datatype
200	OK	<i>DeleteHolidaysHolidayIdResponse</i>

Samples

POST /holidays/{holidayId}

Operation Id

handleCommands1

Activate a Holiday

Description

Always Holidays are created in pending state. This API allows to activate a holiday. Only the active holidays are considered for rescheduling the loan repayment.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
holidayId	holidayId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostHolidaysHolidayIdResponse](#)

Content Type

- application/json

Responses

Table 304. http response codes

Code	Message	Datatype
200	OK	PostHolidaysHolidayIdResponse

Samples

GET /holidays

Operation Id

retrieveAllHolidays

List Holidays

Description

Example Requests: holidays?officeId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
fromDate	fromDate	-	null	

Name	Description	Required	Default	Pattern
toDate	toDate	-	null	
locale	locale	-	null	
dateFormat	dateFormat	-	null	

Return Type

array[[GetHolidaysResponse](#)]

Content Type

- application/json

Responses

Table 305. http response codes

Code	Message	Datatype
200	OK	List[GetHolidayResponse]

Samples

GET /holidays/{holidayId}

Operation Id

retrieveOne7

Retrieve a Holiday

Description

Example Requests: holidays/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
holidayId	holidayId	X	null	

Return Type

[GetHolidaysResponse](#)

Content Type

- application/json

Responses

Table 306. http response codes

Code	Message	Datatype
200	OK	GetHolidaysResponse

Samples

GET /holidays/template

Operation Id

retrieveRepaymentScheduleUpdationTyeOptions

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 307. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /holidays/{holidayId}

Operation Id

update6

Update a Holiday

Description

If a holiday is in pending state (created and not activated) then all fields are allowed to modify. Once holidays become active only name and descriptions are allowed to modify.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
holidayId	holidayId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutHolidaysHolidayIdRequest	PutHolidaysHolidayIdRequest	X		

Return Type

[PutHolidaysHolidayIdResponse](#)

Content Type

- application/json

Responses

Table 308. http response codes

Code	Message	Datatype
200	OK	PutHolidaysHolidayIdResponse

Samples

Hooks

POST /hooks

Operation Id

createHook

Create a Hook

Description

The following parameters can be passed for the creation of a hook :- name - string - Required. The name of the template that is being called. (See /hooks/template for the list of valid hook names.) isActive - boolean - Determines whether the hook is actually triggered. events - array - Determines what events the hook is triggered for. config - hash - Required. Key/value pairs to provide settings for this hook. These settings vary between the templates. templateId - Optional. The UGD template ID associated with the same entity (client or loan).

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostHookRequest	PostHookRequest	X		

Return Type

[PostHookResponse](#)

Content Type

- application/json

Responses

Table 309. http response codes

Code	Message	Datatype
200	OK	PostHookResponse

Samples

DELETE /hooks/{hookId}

Operation Id

deleteHook

Delete a Hook

Description

Deletes a hook.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
hookId	hookId	X	null	

Return Type

[*DeleteHookResponse*](#)

Content Type

- application/json

Responses

Table 310. http response codes

Code	Message	Datatype
200	OK	<i>DeleteHookResponse</i>

Samples

GET /hooks/{hookId}

Operation Id

retrieveHook

Retrieve a Hook

Description

Returns the details of a Hook. Example Requests: hooks/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
hookId	hookId	X	null	

Return Type

[*GetHookResponse*](#)

Content Type

- application/json

Responses

Table 311. http response codes

Code	Message	Datatype
200	OK	GetHookResponse

Samples

GET /hooks

Operation Id

retrieveHooks

Retrieve Hooks

Description

Returns the list of hooks. Example Requests: hooks

Parameters

Return Type

array[[GetHookResponse](#)]

Content Type

- application/json

Responses

Table 312. http response codes

Code	Message	Datatype
200	OK	List[GetHookResponse]

Samples

GET /hooks/template

Operation Id

template3

Retrieve Hooks Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: hooks/template

Parameters

Return Type

[GetHookTemplateResponse](#)

Content Type

- application/json

Responses

Table 313. http response codes

Code	Message	Datatype
200	OK	GetHookTemplateResponse

Samples

PUT /hooks/{hookId}

Operation Id

updateHook

Update a Hook

Description

Updates the details of a hook.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
hookId	hookId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutHookRequest	PutHookRequest	X		

Return Type

[PutHookResponse](#)

Content Type

- application/json

Responses

Table 314. http response codes

Code	Message	Datatype
200	OK	PutHookResponse

Samples

InstanceMode

PUT /instance-mode

Operation Id

changeMode

Changes the Fineract instance mode

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
ChangeInstanceModeRequest	ChangeInstanceModeRequest	X		

Return Type

-

Responses

Table 315. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

InterOperation

POST /interoperation/quotes

Operation Id

createQuote

Calculate Interoperation Quote

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
InteropQuoteRequestData	InteropQuoteRequestData	X		

Return Type

[InteropQuoteResponseData](#)

Content Type

- application/json

Responses

Table 316. http response codes

Code	Message	Datatype
200	OK	InteropQuoteResponseData

Samples

POST /interoperation/requests

Operation Id

createTransactionRequest

Allow Interoperation Transaction Request

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
InteropTransactionRequestData	<i>InteropTransactionRequestData</i>	X		

Return Type

InteropTransactionRequestResponseData

Content Type

- application/json

Responses

Table 317. http response codes

Code	Message	Datatype
200	OK	<i>InteropTransactionRequestResponseData</i>

Samples

DELETE /interoperation/parties/{idType}/{idValue}

Operation Id

deleteAccountIdentifier

Allow Interoperation Identifier registration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
InteropIdentifierRequestData	<i>InteropIdentifierRequestData</i>	X		

Return Type

[*InteropIdentifierAccountResponseData*](#)

Content Type

- application/json

Responses

Table 318. http response codes

Code	Message	Datatype
200	OK	<i>InteropIdentifierAccountResponseData</i>

Samples

DELETE /interoperation/parties/{idType}/{idValue}/{subIdOrType}

Operation Id

deleteAccountIdentifier1

Allow Interoperation Identifier registration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	
subIdOrType	subIdOrType	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
InteropIdentifierRequestData	InteropIdentifierRequestData	X		

Return Type

[InteropIdentifierAccountResponseData](#)

Content Type

- application/json

Responses

Table 319. http response codes

Code	Message	Datatype
200	OK	InteropIdentifierAccountResponseData

Samples

POST /interoperation/transactions/{accountId}/disburse

Operation Id

disburseLoan

Disburse Loan by Account Id

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 320. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /interoperation/parties/{idType}/{idValue}

Operation Id

getAccountByIdentifier

Query Interoperation Account by secondary identifier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	

Return Type

InteropIdentifierAccountResponseData

Content Type

- application/json

Responses

Table 321. http response codes

Code	Message	Datatype
200	OK	<i>InteropIdentifierAccountResponseData</i>

Samples

GET /interoperation/parties/{idType}/{idValue}/{subIdOrType}

Operation Id

getAccountByIdentifier1

Query Interoperation Account by secondary identifier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	
subIdOrType	subIdOrType	X	null	

Return Type

InteropIdentifierAccountResponseData

Content Type

- application/json

Responses

Table 322. http response codes

Code	Message	Datatype
200	OK	<i>InteropIdentifierAccountResponseData</i>

Samples

GET /interoperation/accounts/{accountId}

Operation Id

getAccountDetails

Query Interoperation Account details

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

InteropAccountData

Content Type

- application/json

Responses

Table 323. http response codes

Code	Message	Datatype
200	OK	<i>InteropAccountData</i>

Samples

GET /interoperation/accounts/{accountId}/identifiers

Operation Id

getAccountIdentifiers

Query Interoperation secondary identifiers by Account Id

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

InteropIdentifiersResponseData

Content Type

- application/json

Responses

Table 324. http response codes

Code	Message	Datatype
200	OK	<i>InteropIdentifiersResponseData</i>

Samples

GET /interoperation/accounts/{accountId}/transactions

Operation Id

getAccountTransactions

Query transactions by Account Id

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
debit	debit	-	true	
credit	credit	-	false	
fromBookingDateTime	fromBookingDateTime	-	null	
toBookingDateTime	toBookingDateTime	-	null	

Return Type

InteropTransactionsData

Content Type

- application/json

Responses

Table 325. http response codes

Code	Message	Datatype
200	OK	<i>InteropTransactionsData</i>

Samples

GET /interoperation/accounts/{accountId}/kyc

Operation Id

getClientKyc

Query KYC by Account Id

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

InteropKycResponseData

Content Type

- application/json

Responses

Table 326. http response codes

Code	Message	Datatype
200	OK	<i>InteropKycResponseData</i>

Samples

GET /interoperation/transactions/{transactionCode}/quotes/{quoteCode}

Operation Id

getQuote

Query Interoperation Quote

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transactionCode	transactionCode	X	null	
quoteCode	quoteCode	X	null	

Return Type

InteropQuoteResponseData

Content Type

- application/json

Responses

Table 327. http response codes

Code	Message	Datatype
200	OK	<i>InteropQuoteResponseData</i>

Samples

GET /interoperation/transactions/{transactionCode}/requests/{requestCode}

Operation Id

getTransactionRequest

Query Interoperation Transaction Request

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transactionCode	transactionCode	X	null	
requestCode	requestCode	X	null	

Return Type

InteropTransactionRequestResponseData

Content Type

- application/json

Responses

Table 328. http response codes

Code	Message	Datatype
200	OK	<i>InteropTransactionRequestResponseData</i>

Samples

GET /interoperation/transactions/{transactionCode}/transfers/{transferCode}

Operation Id

getTransfer

Query Interoperation Transfer

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transactionCode	transactionCode	X	null	

Name	Description	Required	Default	Pattern
transferCode	transferCode	X	null	

Return Type

[*InteropTransferResponseData*](#)

Content Type

- application/json

Responses

Table 329. http response codes

Code	Message	Datatype
200	OK	<i>InteropTransferResponseData</i>

Samples

GET /interoperation/health

Operation Id

health

Query Interoperation Health Request

Description

Parameters

Return Type

-

Responses

Table 330. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

POST /interoperation/transfers

Operation Id

performTransfer

Prepare Interoperation Transfer

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
InteropTransferRequest Data	<i>InteropTransferRequestData</i>	X		

Query Parameters

Name	Description	Required	Default	Pattern
action	action	-	null	

Return Type

InteropTransferResponseData

Content Type

- application/json

Responses

Table 331. http response codes

Code	Message	Datatype
200	OK	<i>InteropTransfer ResponseData</i>

Samples

POST /interoperation/parties/{idType}/{idValue}

Operation Id

registerAccountIdentifier

Interoperation Identifier registration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
InteropIdentifierRequestData	InteropIdentifierRequestData	X		

Return Type

[InteropIdentifierAccountResponseData](#)

Content Type

- application/json

Responses

Table 332. http response codes

Code	Message	Datatype
200	OK	InteropIdentifierAccountResponseData

Samples

POST /interoperation/parties/{idType}/{idValue}/{subIdOrType}

Operation Id

registerAccountIdentifier1

Interoperation Identifier registration

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
idType	idType	X	null	
idValue	idValue	X	null	
subIdOrType	subIdOrType	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
InteropIdentifierRequestData	<i>InteropIdentifierRequestData</i>	X		

Return Type

[*InteropIdentifierAccountResponseData*](#)

Content Type

- application/json

Responses

Table 333. http response codes

Code	Message	Datatype
200	OK	<i>InteropIdentifierAccountResponseData</i>

Samples

InterestRateChart

POST /interestratecharts

Operation Id

create10

Create a Chart

Description

Creates a new chart which can be attached to a term deposit products (FD or RD).

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostInterestRateChartsRequest	PostInterestRateChartsRequest	X		

Return Type

[PostInterestRateChartsResponse](#)

Content Type

- application/json

Responses

Table 334. http response codes

Code	Message	Datatype
200	OK	PostInterestRateChartsResponse

Samples

DELETE /interestratecharts/{chartId}

Operation Id

delete13

Delete a Chart

Description

It deletes the chart

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Return Type

[*DeleteInterestRateChartsChartIdResponse*](#)

Content Type

- application/json

Responses

Table 335. http response codes

Code	Message	Datatype
200	OK	<i>DeleteInterestRateChartsChartIdResponse</i>

Samples

GET /interestratecharts

Operation Id

retrieveAll26

Retrieve all Charts

Description

Retrieve list of charts associated with a term deposit product(FD or RD). Example Requests: interestratecharts?productId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
productId	productId	-	null	

Return Type

array[[*GetInterestRateChartsResponse*](#)]

Content Type

- application/json

Responses

Table 336. http response codes

Code	Message	Datatype
200	OK	List[GetInterestRateChartsResponse]

Samples

GET /interestratescharts/{chartId}

Operation Id

retrieveOne16

Retrieve a Chart

Description

It retrieves the Interest Rate Chart Example Requests: interestratescharts/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Return Type

[GetInterestRateChartsResponse](#)

Content Type

- application/json

Responses

Table 337. http response codes

Code	Message	Datatype
200	OK	GetInterestRateChartsResponse

Samples

GET /interestratecharts/template

Operation Id

template9

Retrieve Chart Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for creating a chart. The template data returned consists of any or all of: Field Defaults Allowed Value Lists
Example Request: interestratecharts/template

Parameters

Return Type

[GetInterestRateChartsTemplateResponse](#)

Content Type

- application/json

Responses

Table 338. http response codes

Code	Message	Datatype
200	OK	GetInterestRateChartsTemplateResponse

Samples

PUT /interestratecharts/{chartId}

Operation Id

update14

Update a Chart

Description

It updates the chart

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutInterestRateChartsChartIdRequest	PutInterestRateChartsChartIdRequest	X		

Return Type

[PutInterestRateChartsChartIdResponse](#)

Content Type

- application/json

Responses

Table 339. http response codes

Code	Message	Datatype
200	OK	PutInterestRateChartsChartIdResponse

Samples

InterestRateSlabAKAInterestBands

POST /interestratecharts/{chartId}/chartslabs

Operation Id

create9

Create a Slab

Description

Creates a new interest rate slab for an interest rate chart. Mandatory Fields `periodType`, `fromPeriod`, `annualInterestRate` Optional Fields `toPeriod` and `description` Example Requests: `interestratecharts/1/chartslabs`

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostInterestRateChartsChartIdChartSlabsRequest	PostInterestRateChartsChartIdChartSlabsRequest	X		

Return Type

[PostInterestRateChartsChartIdChartSlabsResponse](#)

Content Type

- application/json

Responses

Table 340. http response codes

Code	Message	Datatype
200	OK	PostInterestRateChartsChartIdChartSlabsResponse

Samples

DELETE /interestratecharts/{chartId}/chartslabs/{chartSlabId}

Operation Id

delete12

Delete a Slab

Description

Delete a Slab from a chart

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	
chartSlabId	chartSlabId	X	null	

Return Type

[*DeleteInterestRateChartsChartIdChartSlabsResponse*](#)

Content Type

- application/json

Responses

Table 341. http response codes

Code	Message	Datatype
200	OK	<i>DeleteInterestRateChartsChartIdChartSlabsResponse</i>

Samples

GET /interestratecharts/{chartId}/chartslabs

Operation Id

retrieveAll25

Retrieve all Slabs

Description

Retrieve list of slabs associated with a chart Example Requests: interestratecharts/1/chartslabs

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Return Type

array[[GetInterestRateChartsChartIdChartSlabsResponse](#)]

Content Type

- application/json

Responses

Table 342. http response codes

Code	Message	Datatype
200	OK	List[GetInterestRateChartsChartIdChartSlabsResponse]

Samples

GET /interestratecharts/{chartId}/chartslabs/{chartSlabId}

Operation Id

retrieveOne15

Retrieve a Slab

Description

Retrieve a slab associated with an Interest rate chart Example Requests:
interestratecharts/1/chartslabs/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	
chartSlabId	chartSlabId	X	null	

Return Type

[GetInterestRateChartsChartIdChartSlabsResponse](#)

Content Type

- application/json

Responses

Table 343. http response codes

Code	Message	Datatype
200	OK	GetInterestRateChartsChartIdChartSlabsResponse

Samples

GET /interestratecharts/{chartId}/chartslabs/template

Operation Id

template8

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 344. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /interestratecharts/{chartId}/chartslabs/{chartSlabId}

Operation Id

update13

Update a Slab

Description

It updates the Slab from chart

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
chartId	chartId	X	null	
chartSlabId	chartSlabId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutInterestRateChartsChartIdChartSlabsChartSlabIdRequest	PutInterestRateChartsChartIdChartSlabsChartSlabIdRequest	X		

Return Type

[PutInterestRateChartsChartIdChartSlabsChartSlabIdResponse](#)

Content Type

- application/json

Responses

Table 345. http response codes

Code	Message	Datatype
200	OK	PutInterestRateChartsChartIdChartSlabsChartSlabIdResponse

Samples

JournalEntries

POST /journalentries

Operation Id

createGLJournalEntry

Create \"Balanced\" Journal Entries

Description

Note: A Balanced (simple) Journal entry would have atleast one \"Debit\" and one \"Credit\" entry whose amounts are equal Compound Journal entries may have \"n\" debits and \"m\" credits where both \"m\" and \"n\" are greater than 0 and the net sum of all debits and credits are equal Mandatory Fields officeId, transactionDate credits- glAccountId, amount, comments debits- glAccountId, amount, comments Optional Fields paymentTypeId, accountNumber, checkNumber, routingCode, receiptNumber, bankNumber

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
JournalEntryCommand	JournalEntryCommand	-		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostJournalEntriesResponse](#)

Content Type

- application/json

Responses

Table 346. http response codes

Code	Message	Datatype
200	OK	PostJournalEntriesResponse

Samples

POST /journalentries/{transactionId}

Operation Id

createReversalJournalEntry

Update Running balances for Journal Entries

Description

This API calculates the running balances for office. If office ID not provided this API calculates running balances for all offices. Mandatory Fields officeId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
transactionId	transactionId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostJournalEntriesTransactionIdRequest	PostJournalEntriesTransactionIdRequest	-		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostJournalEntriesTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 347. http response codes

Code	Message	Datatype
200	OK	PostJournalEntriesTransactionIdResponse

Samples

GET /journalentries/downloadtemplate

Operation Id

getJournalEntriesTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 348. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /journalentries/uploadtemplate

Operation Id

postJournalEntriesTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

• /

Responses

Table 349. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /journalentries/{journalEntryId}

Operation Id

retrieveJournalEntryById

Retrieve a single Entry

Description

Example Requests: journalentries/1 journalentries/1?fields=officeName,glAccountId,entryType,amount
journalentries/1?runningBalance=true journalentries/1?transactionDetails=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
journalEntryId	journalEntryId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
runningBalance	runningBalance	-	null	

Name	Description	Required	Default	Pattern
transactionDetails	transactionDetails	-	null	

Return Type

JournalEntryData

Content Type

- application/json

Responses

Table 350. http response codes

Code	Message	Datatype
200	OK	<i>JournalEntryData</i>

Samples

GET /journalentries

Operation Id

retrieveAll1

List Journal Entries

Description

The list capability of journal entries can support pagination and sorting. Example Requests:
 journalentries journalentries?transactionId=PB37X8Y21EQUY4S
 journalentries?officeId=1&manualEntriesOnly=true&fromDate=1 July 2013&toDate=15 July 2013&dateFormat=dd MMMM yyyy&locale=en
 journalentries?fields=officeName,glAccountName,transactionDate journalentries?offset=10&limit=50
 journalentries?orderBy=transactionId&sortOrder=DESC journalentries?runningBalance=true
 journalentries?transactionDetails=true journalentries?loanId=12 journalentries?savingsId=24

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
glAccountId	glAccountId	-	null	

Name	Description	Required	Default	Pattern
manualEntriesOnly	manualEntriesOnly	-	null	
fromDate	fromDate	-	null	
toDate	toDate	-	null	
transactionId	transactionId	-	null	
entityType	entityType	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
locale	locale	-	null	
dateFormat	dateFormat	-	null	
loanId	loanId	-	null	
savingsId	savingsId	-	null	
runningBalance	runningBalance	-	null	
transactionDetails	transactionDetails	-	null	

Return Type

array[[JournalEntryData](#)]

Content Type

- application/json

Responses

Table 351. http response codes

Code	Message	Datatype
200	OK	List[JournalEntryData]

Samples

GET /journalentries/provisioning

Operation Id

retrieveJournalEntries

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
offset		-	null	
limit		-	null	
entryId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 352. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /journalentries/openingbalance

Operation Id

retrieveOpeningBalance

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
currencyCode		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 353. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Likelihood

GET /likelihood/{ppiName}/{likelihoodId}

Operation Id

retrieve

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
likelihoodId		X	null	
ppiName		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 354. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /likelihood/{ppiName}

Operation Id

retrieveAll11

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
ppiName		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 355. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /likelihood/{ppiName}/{likelihoodId}

Operation Id

update4

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
likelihoodId		X	null	
ppiName		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 356. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

ListReportMailingJobHistory

GET /reportmailingjobrunhistory

Operation Id

retrieveAllByReportMailingJobId

List Report Mailing Job History

Description

The list capability of report mailing job history can support pagination and sorting. Example Requests: reportmailingjobrunhistory/1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
reportMailingJobId	reportMailingJobId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	

Name	Description	Required	Default	Pattern
sortOrder	sortOrder	-	null	

Return Type

[ReportMailingJobRunHistoryData](#)

Content Type

- application/json

Responses

Table 357. http response codes

Code	Message	Datatype
200	OK	ReportMailingJobRunHistoryData

Samples

LoanCharges

DELETE /loans/{loanId}/charges/{chargeId}

Operation Id

deleteLoanCharge

Delete a Loan Charge

Description

Note: Currently, A Loan Charge may only be removed from Loans that are not yet approved.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
chargeId	chargeId	X	null	

Return Type

[DeleteLoansLoanIdChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 358. http response codes

Code	Message	Datatype
200	OK	DeleteLoansLoanIdChargesChargeIdResponse

Samples

POST /loans/{loanId}/charges

Operation Id

executeLoanCharge

Create a Loan Charge

Description

It Creates a Loan Charge

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdChargesRequest	PostLoansLoanIdChargesRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostLoansLoanIdChargesResponse](#)

Content Type

- application/json

Responses

Table 359. http response codes

Code	Message	Datatype
200	OK	PostLoansLoanIdChargesResponse

Samples

POST /loans/{loanId}/charges/{chargeId}

Operation Id

executeLoanCharge1

Pay Loan Charge

Description

Loan Charge will be paid if the loan is linked with a savings account

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
chargeId	chargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdChargesChargeIdRequest	PostLoansLoanIdChargesChargeIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostLoansLoanIdChargesChargeIdResponse*](#)

Content Type

- application/json

Responses

Table 360. http response codes

Code	Message	Datatype
200	OK	<i>PostLoansLoanIdChargesChargeIdResponse</i>

Samples

GET /loans/{loanId}/charges

Operation Id

retrieveAllLoanCharges

List Loan Charges

Description

It lists all the Loan Charges specific to a Loan Example Requests: loans/1/charges
loans/1/charges?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

array[[*GetLoansLoanIdChargesChargeIdResponse*](#)]

Content Type

- application/json

Responses

Table 361. http response codes

Code	Message	Datatype
200	OK	List[GetLoansLoanIdChargesChargeIdResponse]

Samples

GET /loans/{loanId}/charges/{chargeId}

Operation Id

retrieveLoanCharge

Retrieve a Loan Charge

Description

Retrieves Loan Charge according to the Loan ID and Charge ID
Example Requests: /loans/1/charges/1
/loans/1/charges/1?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
chargeId	chargeId	X	null	

Return Type

[GetLoansLoanIdChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 362. http response codes

Code	Message	Datatype
200	OK	<i>GetLoansLoanIdChargesChargeIdResponse</i>

Samples

GET /loans/{loanId}/charges/template

Operation Id

retrieveTemplate8

Retrieve Loan Charges Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: loans/1/charges/template

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

[*GetLoansLoanIdChargesTemplateResponse*](#)

Content Type

- application/json

Responses

Table 363. http response codes

Code	Message	Datatype
200	OK	<i>GetLoansLoanIdChargesTemplateResponse</i>

Samples

PUT /loans/{loanId}/charges/{chargeId}

Operation Id

updateLoanCharge

Update a Loan Charge

Description

Currently Loan Charges may be updated only if the Loan is not yet approved

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
chargeId	chargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutLoansLoanIdChargesChargeIdRequest	PutLoansLoanIdChargesChargeIdRequest	X		

Return Type

[PutLoansLoanIdChargesChargeIdResponse](#)

Content Type

- application/json

Responses

Table 364. http response codes

Code	Message	Datatype
200	OK	PutLoansLoanIdChargesChargeIdResponse

Samples

LoanCollateral

POST /loans/{loanId}/collaterals

Operation Id

createCollateral

Create a Collateral

Description

Note: Currently, Collaterals may be added only before a Loan is approved

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdCollateralsRequest	PostLoansLoanIdCollateralsRequest	X		

Return Type

[PostLoansLoanIdCollateralsResponse](#)

Content Type

- application/json

Responses

Table 365. http response codes

Code	Message	Datatype
200	OK	PostLoansLoanIdCollateralsResponse

Samples

DELETE /loans/{loanId}/collaterals/{collateralId}

Operation Id

deleteCollateral

Remove a Collateral

Description

Note: A collateral can only be removed from Loans that are not yet approved.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
collateralId	collateralId	X	null	

Return Type

DeleteLoansLoanIdCollateralsCollateralIdResponse

Content Type

- application/json

Responses

Table 366. http response codes

Code	Message	Datatype
200	OK	<i>DeleteLoansLoanIdCollateralsCollateralIdResponse</i>

Samples

GET /loans/{loanId}/collaterals/template

Operation Id

newCollateralTemplate

Retrieve Collateral Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Request: loans/1/collaterals/template

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

[GetLoansLoanIdCollateralsTemplateResponse](#)

Content Type

- application/json

Responses

Table 367. http response codes

Code	Message	Datatype
200	OK	GetLoansLoanIdCollateralsTemplateResponse

Samples

GET /loans/{loanId}/collaterals

Operation Id

retrieveCollateralDetails

List Loan Collaterals

Description

Example Requests: loans/1/collaterals loans/1/collaterals?fields=value,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

array[[GetLoansLoanIdCollateralsResponse](#)]

Content Type

- application/json

Responses

Table 368. http response codes

Code	Message	Datatype
200	OK	List[GetLoansLoanIdCollateralResponse]

Samples

GET /loans/{loanId}/collaterals/{collateralId}

Operation Id

retrieveCollateralDetails1

Retrieve a Collateral

Description

Example Requests: /loans/1/collaterals/1 /loans/1/collaterals/1?fields=description,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
collateralId	collateralId	X	null	

Return Type

[GetLoansLoanIdCollateralsResponse](#)

Content Type

- application/json

Responses

Table 369. http response codes

Code	Message	Datatype
200	OK	GetLoansLoanIdCollateralsResponse

Samples

PUT /loans/{loanId}/collaterals/{collateralId}

Operation Id

updateCollateral

Update a Collateral

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
collateralId	collateralId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutLoansLoanIdCollateralsCollateralIdRequest	PutLoansLoanIdCollateralsCollateralIdRequest	X		

Return Type

[PutLoansLoanIdCollateralsCollateralIdResponse](#)

Content Type

- application/json

Responses

Table 370. http response codes

Code	Message	Datatype
200	OK	PutLoansLoanIdCollateralsCollateralIdResponse

Samples

LoanCollateralManagement

DELETE /loan-collateral-management/{id}

Operation Id

deleteLoanCollateral

Delete Loan Collateral

Description

Delete Loan Collateral

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
id	loan collateral id	X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 371. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loan-collateral-management/{collateralId}

Operation Id

getLoanCollateral

Get Loan Collateral Details

Description

Get Loan Collateral Details

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
collateralId	collateralId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 372. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

LoanDisbursementDetails

PUT /loans/{loanId}/disbursements/editDisbursements

Operation Id

addAndDeleteDisbursementDetail

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 373. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/{loanId}/disbursements/{disbursementId}

Operation Id

retriveDetail

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	
disbursementId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 374. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /loans/{loanId}/disbursements/{disbursementId}

Operation Id

updateDisbursementDate

Description**Parameters****Path Parameters**

Name	Description	Required	Default	Pattern
loanId		X	null	
disbursementId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 375. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

LoanProducts

POST /loanproducts

Operation Id

createLoanProduct

Create a Loan Product

Description

Depending of the Accounting Rule (accountingRule) selected, additional fields with details of the appropriate Ledger Account identifiers would need to be passed in. Refer MifosX Accounting Specs Draft for more details regarding the significance of the selected accounting rule Mandatory Fields: name, shortName, currencyCode, digitsAfterDecimal, inMultiplesOf, principal, numberOfRepayments, repaymentEvery, repaymentFrequencyType, interestRatePerPeriod, interestRateFrequencyType, amortizationType, interestType, interestCalculationPeriodType, transactionProcessingStrategyId, accountingRule, isInterestRecalculationEnabled, daysInYearType, daysInMonthType Optional Fields: inArrearsTolerance, graceOnPrincipalPayment, graceOnInterestPayment, graceOnInterestCharged, graceOnArrearsAgeing, charges, paymentChannelToFundSourceMappings, feeToIncomeAccountMappings, penaltyToIncomeAccountMappings, includeInBorrowerCycle, useBorrowerCycle, principalVariationsForBorrowerCycle, numberOfRepaymentVariationsForBorrowerCycle, interestRateVariationsForBorrowerCycle, multiDisburseLoan, maxTrancheCount, outstandingLoanBalance, overdueDaysForNPA, holdGuaranteeFunds, principalThresholdForLast Instalment, accountMovesOutOfNPAOnlyOnArrearsCompletion, canDefineInstallmentAmount, installmentAmountInMultiplesOf, allowAttributeOverrides, allowPartialPeriodInterestCalcualtion Additional Mandatory Fields for Cash(2) based accounting: fundSourceAccountId, loanPortfolioAccountId, interestOnLoanAccountId, incomeFromFeeAccountId, incomeFromPenaltyAccountId, writeOffAccountId, transfersInSuspenseAccountId, overpaymentLiabilityAccountId Additional Mandatory Fields for periodic (3) and upfront (4) accrual accounting: fundSourceAccountId, loanPortfolioAccountId, interestOnLoanAccountId, incomeFromFeeAccountId, incomeFromPenaltyAccountId, writeOffAccountId, receivableInterestAccountId, receivableFeeAccountId, receivablePenaltyAccountId, transfersInSuspenseAccountId, overpaymentLiabilityAccountId Additional Mandatory Fields if interest recalculation is enabled(true): interestRecalculationCompoundingMethod, rescheduleStrategyMethod, recalculationRestFrequencyType Additional Optional Fields if interest recalculation is enabled(true):

isArrearsBasedOnOriginalSchedule, preClosureInterestCalculationStrategy Additional Optional Fields if interest recalculation is enabled(true) and recalculationRestFrequencyType is not same as repayment period: recalculationRestFrequencyInterval, recalculationRestFrequencyDate Additional Optional Fields if interest recalculation is enabled(true) and interestRecalculationCompoundingMethod is enabled: recalculationCompoundingFrequencyType Additional Optional Fields if interest recalculation is enabled(true) and interestRecalculationCompoundingMethod is enabled and recalculationCompoundingFrequencyType is not same as repayment period: recalculationCompoundingFrequencyInterval, recalculationCompoundingFrequencyDate Additional Mandatory Fields if Hold Guarantee funds is enabled(true): mandatoryGuarantee Additional Optional Fields if Hold Guarantee funds is enabled(true): minimumGuaranteeFromOwnFunds,minimumGuaranteeFromGuarantor

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostLoanProductsRequest	PostLoanProductsRequest	X		

Return Type

[PostLoanProductsResponse](#)

Content Type

- application/json

Responses

Table 376. http response codes

Code	Message	Datatype
200	OK	PostLoanProductsResponse

Samples

GET /loanproducts

Operation Id

retrieveAllLoanProducts

List Loan Products

Description

Lists Loan Products Example Requests: loanproducts
loanproducts?fields=name,description,interestRateFrequencyType,amortizationType

Parameters

Return Type

array[[GetLoanProductsResponse](#)]

Content Type

- application/json

Responses

Table 377. http response codes

Code	Message	Datatype
200	OK	List[GetLoanProductsResponse]

Samples

GET /loanproducts/{productId}

Operation Id

retrieveLoanProductDetails

Retrieve a Loan Product

Description

Retrieves a Loan Product Example Requests: loanproducts/1 loanproducts/1?template=true
loanproducts/1?fields=name,description,numberOfRepayments

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[GetLoanProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 378. http response codes

Code	Message	Datatype
200	OK	GetLoanProductsProductIdResponse

Samples

GET /loanproducts/template

Operation Id

retrieveTemplate10

Retrieve Loan Product Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: loanproducts/template

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
isProductMixTemplate	isProductMixTemplate	-	null	

Return Type

[GetLoanProductsTemplateResponse](#)

Content Type

- application/json

Responses

Table 379. http response codes

Code	Message	Datatype
200	OK	<i>GetLoanProductsTemplateResponse</i>

Samples

PUT /loanproducts/{productId}

Operation Id

updateLoanProduct

Update a Loan Product

Description

Updates a Loan Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutLoanProductsProductIdRequest	<i>PutLoanProductsProductIdRequest</i>	X		

Return Type

PutLoanProductsProductIdResponse

Content Type

- application/json

Responses

Table 380. http response codes

Code	Message	Datatype
200	OK	<i>PutLoanProductsProductIdResponse</i>

Samples

LoanRescheduling

POST /loans/{loanId}/schedule

Operation Id

calculateLoanScheduleOrSubmitVariableSchedule

Calculate loan repayment schedule based on Loan term variations | Updates loan repayment schedule based on Loan term variations | Updates loan repayment schedule by removing Loan term variations

Description

Calculate loan repayment schedule based on Loan term variations: Mandatory Fields: exceptions,locale,dateFormat Updates loan repayment schedule based on Loan term variations: Mandatory Fields: exceptions,locale,dateFormat Updates loan repayment schedule by removing Loan term variations: It updates the loan repayment schedule by removing Loan term variations Showing request/response for 'Updates loan repayment schedule by removing Loan term variations'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostLoansLoanIdScheduleResponse*](#)

Content Type

- application/json

Responses

Table 381. http response codes

Code	Message	Datatype
200	OK	<i>PostLoansLoanIdScheduleResponse</i>

Samples

LoanTransactions

POST /loans/{loanId}/transactions/{transactionId}

Operation Id

adjustLoanTransaction

Adjust a Transaction

Description

Note: there is no need to specify command={transactionType} parameter. Mandatory Fields: transactionDate, transactionAmount

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
transactionId	transactionId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdTransactionsTransactionIdRequest	PostLoansLoanIdTransactionsTransactionIdRequest	X		

Return Type

[PostLoansLoanIdTransactionsTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 382. http response codes

Code	Message	Datatype
200	OK	PostLoansLoanIdTransactionsTransactionIdResponse

Samples

POST /loans/{loanId}/transactions

Operation Id

executeLoanTransaction

Significant Loan Transactions

Description

This API covers the major loan transaction functionality. Example Requests:

loans/1/transactions?command=repayment		Make a Repayment	
loans/1/transactions?command=merchantIssuedRefund		Merchant Issued Refund	
loans/1/transactions?command=payoutRefund		Payout Refund	
loans/1/transactions?command=goodwillCredit		Goodwill Credit	
loans/1/transactions?command=waiveinterest		Waive Interest	
loans/1/transactions?command=writeoff		Write-off Loan	
loans/1/transactions?command=close-rescheduled		Close Rescheduled Loan	
loans/1/transactions?command=close		Close Loan	
loans/1/transactions?command=undowriteoff		Undo Loan Write-off	
loans/1/transactions?command=recoverypayment		Make Recovery Payment	
loans/1/transactions?command=refundByCash		Make a Refund of an Active Loan by Cash	
loans/1/transactions?command=foreclosure		Foreclosure of an Active Loan	

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdTransactionsRequest	PostLoansLoanIdTransactionsRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostLoansLoanIdTransactionsResponse](#)

Content Type

- application/json

Responses

Table 383. http response codes

Code	Message	Datatype
200	OK	PostLoansLoanIdTransactionsResponse

Samples

GET /loans/{loanId}/transactions/{transactionId}

Operation Id

retrieveTransaction

Retrieve a Transaction Details

Description

Retrieves a Transaction Details Example Request: loans/5/transactions/3

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
transactionId	transactionId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
fields	Optional Loan Transaction attribute list to be in the response	-	null	

Return Type

[*GetLoansLoanIdTransactionsTransactionIdResponse*](#)

Content Type

- application/json

Responses

Table 384. http response codes

Code	Message	Datatype
200	OK	<i>GetLoansLoanIdTransactionsTransactionIdResponse</i>

Samples

GET /loans/{loanId}/transactions/template

Operation Id

retrieveTransactionTemplate

Retrieve Loan Transaction Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists

Example

Requests:

loans/1/transactions/template?command=repayment
loans/1/transactions/template?command=merchantIssuedRefund
loans/1/transactions/template?command=payoutRefund
loans/1/transactions/template?command=goodwillCredit
loans/1/transactions/template?command=writeoff
loans/1/transactions/template?command=waiveinterest
loans/1/transactions/template?command=close-rescheduled
loans/1/transactions/template?command=close
loans/1/transactions/template?command=disburse
loans/1/transactions/template?command=disburseToSavings
loans/1/transactions/template?command=recoverypayment
loans/1/transactions/template?command=prepayLoan
loans/1/transactions/template?command=refundbycash
loans/1/transactions/template?command=refundbytransfer
loans/1/transactions/template?command=foreclosure
loans/1/transactions/template?command=creditBalanceRefund (returned 'amount' field will have the overpaid value)

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	
dateFormat	dateFormat	-	null	
transactionDate	transactionDate	-	null	
locale	locale	-	null	

Return Type

[*GetLoansLoanIdTransactionsTemplateResponse*](#)

Content Type

- application/json

Responses

Table 385. http response codes

Code	Message	Datatype
200	OK	GetLoansLoanIdTransactionsTemplateResponse

Samples

PUT /loans/{loanId}/transactions/{transactionId}

Operation Id

undoWaiveCharge

Undo a Waive Charge Transaction

Description

Undo a Waive Charge Transaction

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
transactionId	transactionId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutChargeTransactionChangesRequest	PutChargeTransactionChangesRequest	X		

Return Type

[PutChargeTransactionChangesResponse](#)

Content Type

- application/json

Responses

Table 386. http response codes

Code	Message	Datatype
200	OK	PutChargeTransactionChangesResponse

Samples

Loans

POST /loans

Operation Id

calculateLoanScheduleOrSubmitLoanApplication

Calculate loan repayment schedule | Submit a new Loan Application

Description

It calculates the loan repayment Schedule Submits a new loan application Mandatory Fields: clientId, productId, principal, loanTermFrequency, loanTermFrequencyType, loanType, numberOfRepayments, repaymentEvery, repaymentFrequencyType, interestRatePerPeriod, amortizationType, interestType, interestCalculationPeriodType, transactionProcessingStrategyId, expectedDisbursementDate, submittedOnDate, loanType Optional Fields: graceOnPrincipalPayment, graceOnInterestPayment, graceOnInterestCharged, linkAccountId, allowPartialPeriodInterestCalcualtion, fixedEmiAmount, maxOutstandingLoanBalance, disbursementData, graceOnArrearsAgeing, createStandingInstructionAtDisbursement (requires linkedAccountId if set to true) Additional Mandatory Fields if interest recalculation is enabled for product and Rest frequency not same as repayment period: recalculationRestFrequencyDate Additional Mandatory Fields if interest recalculation with interest/fee compounding is enabled for product and compounding frequency not same as repayment period: recalculationCompoundingFrequencyDate Additional Mandatory Field if Entity-Datatable Check is enabled for the entity of type loan: datatables

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansRequest	PostLoansRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostLoansResponse](#)

Content Type

- application/json

Responses

Table 387. http response codes

Code	Message	Datatype
200	OK	PostLoansResponse

Samples

DELETE /loans/{loanId}

Operation Id

deleteLoanApplication

Delete a Loan Application

Description

Note: Only loans in \"Submitted and awaiting approval\" status can be deleted.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

[DeleteLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 388. http response codes

Code	Message	Datatype
200	OK	DeleteLoansLoanIdResponse

Samples

GET /loans/glimAccount/{glimId}

Operation Id

getGlimRepaymentTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glimId		X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 389. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/repayments/downloadtemplate

Operation Id

getLoanRepaymentTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 390. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /loans/downloadtemplate

Operation Id

getLoansTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 391. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /loans/glimAccount/{glimId}

Operation Id

glimStateTransitions

Approve GLIM Application | Undo GLIM Application Approval | Reject GLIM Application | Disburse Loan Disburse Loan To Savings Account | Undo Loan Disbursal

Description

Approve GLIM Application: Mandatory Fields: approvedOnDate Optional Fields: approvedLoanAmount and expectedDisbursementDate Approves the GLIM application Undo GLIM Application Approval: Undoes the GLIM Application Approval Reject GLIM Application: Mandatory Fields: rejectedOnDate Allows you to reject the GLIM application Disburse Loan: Mandatory Fields: actualDisbursementDate Optional Fields: transactionAmount and fixedEmiAmount Disburses the Loan Disburse Loan To Savings Account: Mandatory Fields: actualDisbursementDate Optional Fields: transactionAmount and fixedEmiAmount Disburses the loan to Saving Account Undo Loan Disbursal: Undoes the Loan Disbursal

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
glimId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdRequest	PostLoansLoanIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[*PostLoansLoanIdResponse*](#)

Content Type

- application/json

Responses

Table 392. http response codes

Code	Message	Datatype
200	OK	<i>PostLoansLoanIdResponse</i>

Samples

PUT /loans/{loanId}

Operation Id

modifyLoanApplication

Modify a loan application

Description

Loan application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutLoansLoanIdRequest	<i>PutLoansLoanIdRequest</i>	X		

Return Type

PutLoansLoanIdResponse

Content Type

- application/json

Responses

Table 393. http response codes

Code	Message	Datatype
200	OK	<i>PutLoansLoanIdResponse</i>

Samples

POST /loans/repayments/uploadtemplate

Operation Id

postLoanRepaymentTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 394. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /loans/uploadtemplate

Operation Id

postLoanTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 395. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans

Operation Id

retrieveAll27

List Loans

Description

The list capability of loans can support pagination and sorting. Example Requests: loans
loans?fields=accountNo loans?offset=10&limit=50 loans?orderBy=accountNo&sortOrder=DESC

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
accountNo	accountNo	-	null	

Return Type

[GetLoansResponse](#)

Content Type

- application/json

Responses

Table 396. http response codes

Code	Message	Datatype
200	OK	GetLoansResponse

Samples

GET /loans/{loanId}/template

Operation Id

retrieveApprovalTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
templateType	templateType	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 397. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loans/{loanId}

Operation Id

retrieveLoan

Retrieve a Loan

Description

Note: template=true parameter doesn't apply to this resource. Example Requests: loans/1
loans/1?fields=id,principal,annualInterestRate loans/1?associations=all
loans/1?associations=all&exclude=guarantors
loans/1?fields=id,principal,annualInterestRate&associations=repaymentSchedule,transactions

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
associations	Loan object relations to be included in the response	-	all	
exclude	Optional Loan object relation list to be filtered in the response	-	null	
fields	Optional Loan attribute list to be in the response	-	null	

Return Type

[GetLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 398. http response codes

Code	Message	Datatype
200	OK	GetLoansLoanIdResponse

Samples

POST /loans/{loanId}

Operation Id

stateTransitions

Approve Loan Application | Recover Loan Guarantee | Undo Loan Application Approval | Assign a Loan Officer | Unassign a Loan Officer | Reject Loan Application | Applicant Withdraws from Loan Application | Disburse Loan Disburse Loan To Savings Account | Undo Loan Disbursal

Description

Approve Loan Application: Mandatory Fields: approvedOnDate Optional Fields: approvedLoanAmount and expectedDisbursementDate Approves the loan application Recover Loan Guarantee: Recovers the loan guarantee Undo Loan Application Approval: Undoes the Loan Application Approval Assign a Loan Officer: Allows you to assign Loan Officer for existing Loan. Unassign a Loan Officer: Allows you to unassign the Loan Officer. Reject Loan Application: Mandatory Fields: rejectedOnDate Allows you to reject the loan application Applicant Withdraws from Loan Application: Mandatory Fields: withdrawnOnDate Allows the applicant to withdraw the loan application Disburse Loan: Mandatory Fields: actualDisbursementDate Optional Fields: transactionAmount and fixedEmiAmount Disburses the Loan Disburse Loan To Savings Account: Mandatory Fields: actualDisbursementDate Optional Fields: transactionAmount and fixedEmiAmount Disburses the loan to Saving Account Undo Loan Disbursal: Undoes the Loan Disbursal Showing request and response for Assign a Loan Officer

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostLoansLoanIdRequest	PostLoansLoanIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 399. http response codes

Code	Message	Datatype
200	OK	<i>PostLoansLoanIdResponse</i>

Samples

GET /loans/template

Operation Id

template10

Retrieve Loan Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Requests: loans/template?templateType=individual&clientId=1 loans/template?templateType=individual&clientId=1&productId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	
groupId	groupId	-	null	
productId	productId	-	null	
templateType	templateType	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
activeOnly	activeOnly	-	false	

Return Type

GetLoansTemplateResponse

Content Type

- application/json

Responses

Table 400. http response codes

Code	Message	Datatype
200	OK	GetLoansTemplateResponse

Samples

MakerCheckerOr4EyeFunctionality

POST /makercheckers/{auditId}

Operation Id

approveMakerCheckerEntry

Approve Maker Checker Entry | Reject Maker Checker Entry

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
auditId	auditId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostMakerCheckersResponse](#)

Content Type

- application/json

Responses

Table 401. http response codes

Code	Message	Datatype
200	OK	PostMakerCheckersResponse

Samples

DELETE /makercheckers/{auditId}

Operation Id

deleteMakerCheckerEntry

Delete Maker Checker Entry

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
auditId	auditId	X	null	

Return Type

[PostMakerCheckersResponse](#)

Content Type

- application/json

Responses

Table 402. http response codes

Code	Message	Datatype
200	OK	PostMakerCheckersResponse

Samples

GET /makercheckers/searchtemplate

Operation Id

retrieveAuditSearchTemplate1

Maker Checker Search Template

Description

This is a convenience resource. It can be useful when building a Checker Inbox UI. \"appUsers\" are data scoped to the office/branch the requestor is associated with. \"actionNames\" and \"entityNames\" returned are those that the requestor has Checker approval permissions for. Example Requests:

makercheckers/searchtemplate makercheckers/searchtemplate?fields=entityNames

Parameters

Return Type

GetMakerCheckersSearchTemplateResponse

Content Type

- application/json

Responses

Table 403. http response codes

Code	Message	Datatype
200	OK	<i>GetMakerCheckersSearchTemplateResponse</i>

Samples

GET /makercheckers

Operation Id

retrieveCommands

List Maker Checker Entries

Description

Get a list of entries that can be checked by the requestor that match the criteria supplied. Example Requests: makercheckers makercheckers?fields=madeOnDate,maker,processingResult makercheckers?makerDateTimeFrom=2013-03-25 08:00:00&makerDateTimeTo=2013-04-04 18:00:00 makercheckers?officeId=1 makercheckers?officeId=1&includeJson=true

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
actionName	actionName	-	null	
entityName	entityName	-	null	
resourceId	resourceId	-	null	
makerId	makerId	-	null	

Name	Description	Required	Default	Pattern
makerDateTimeFrom	makerDateTimeFrom	-	null	
makerDateTimeTo	makerDateTimeTo	-	null	
officeId	officeId	-	null	
groupId	groupId	-	null	
clientId	clientId	-	null	
loanid	loanid	-	null	
savingsAccountId	savingsAccountId	-	null	

Return Type

array[[GetMakerCheckerResponse](#)]

Content Type

- application/json

Responses

Table 404. http response codes

Code	Message	Datatype
200	OK	List[GetMakerCheckerResponse]

Samples

MappingFinancialActivitiesToAccounts

POST /financialactivityaccounts

Operation Id

createGLAccount

Create a new Financial Activity to Accounts Mapping

Description

Mandatory Fields financialActivityId, glAccountId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostFinancialActivityAccountsRequest	PostFinancialActivityAccountsRequest	-		

Return Type

[PostFinancialActivityAccountsResponse](#)

Content Type

- application/json

Responses

Table 405. http response codes

Code	Message	Datatype
200	OK	PostFinancialActivityAccountsResponse

Samples

DELETE /financialactivityaccounts/{mappingId}

Operation Id

deleteGLAccount

Delete a Financial Activity to Account Mapping

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mappingId	mappingId	X	null	

Return Type

[DeleteFinancialActivityAccountsResponse](#)

Content Type

- application/json

Responses

Table 406. http response codes

Code	Message	Datatype
200	OK	DeleteFinancialActivityAccountsResponse

Samples

GET /financialactivityaccounts/{mappingId}

Operation Id

retrieve

Retrieve a Financial Activity to Account Mapping

Description

Example Requests: financialactivityaccounts/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mappingId	mappingId	X	null	

Return Type

[GetFinancialActivityAccountsResponse](#)

Content Type

- application/json

Responses

Table 407. http response codes

Code	Message	Datatype
200	OK	<i>GetFinancialActivityAccountsResponse</i>

Samples

GET /financialactivityaccounts

Operation Id

retrieveAll

List Financial Activities to Accounts Mappings

Description

Example Requests: financialactivityaccounts

Parameters

Return Type

array[*GetFinancialActivityAccountsResponse*]

Content Type

- application/json

Responses

Table 408. http response codes

Code	Message	Datatype
200	OK	List[<i>GetFinancialActivityAccountsResponse</i>]

Samples

GET /financialactivityaccounts/template

Operation Id

retrieveTemplate

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 409. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /financialactivityaccounts/{mappingId}

Operation Id

updateGLAccount

Update a Financial Activity to Account Mapping

Description

the API updates the Ledger account linked to a Financial Activity

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
mappingId	mappingId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostFinancialActivityAccountsRequest	PostFinancialActivityAccountsRequest	-		

Return Type

[PutFinancialActivityAccountsResponse](#)

Content Type

- application/json

Responses

Table 410. http response codes

Code	Message	Datatype
200	OK	PutFinancialActivityAccountsResponse

Samples

Meetings

POST /{entityType}/{entityId}/meetings

Operation Id

createMeeting

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 411. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /{entityType}/{entityId}/meetings/{meetingId}

Operation Id

deleteMeeting

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	
meetingId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 412. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /{entityType}/{entityId}/meetings/{meetingId}

Operation Id

performMeetingCommands

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	
meetingId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 413. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/meetings/{meetingId}

Operation Id

retrieveMeeting

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
meetingId		X	null	
entityType		X	null	
entityId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 414. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/meetings

Operation Id

retrieveMeetings

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
limit		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 415. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /{entityType}/{entityId}/meetings/template

Operation Id

template11

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
calendarId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 416. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /{entityType}/{entityId}/meetings/{meetingId}

Operation Id

updateMeeting

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityType		X	null	
entityId		X	null	
meetingId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 417. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

MixMapping

GET /mixmapping

Operation Id

retrieveTaxonomyMapping

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 418. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /mixmapping

Operation Id

updateTaxonomyMapping

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 419. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

MixReport

GET /mixreport

Operation Id

retrieveXBRLReport

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
startDate		-	null	
endDate		-	null	
currency		-	null	

Return Type

[String]

Content Type

- application/xml

Responses

Table 420. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

MixTaxonomy

GET /mixtaxonomy

Operation Id

retrieveAll14

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 421. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Notes

POST /{resourceType}/{resourceId}/notes

Operation Id

addNewNote

Add a Resource Note

Description

Adds a new note to a supported resource. Example Requests: clients/1/notes groups/1/notes

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceType	resourceType	X	null	
resourceId	resourceId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostResourceTypeResourceIdNotesRequest	PostResourceTypeResourceIdNotesRequest	X		

Return Type

[PostResourceTypeResourceIdNotesResponse](#)

Content Type

- application/json

Responses

Table 422. http response codes

Code	Message	Datatype
200	OK	PostResourceTypeResourceIdNotesResponse

Samples

DELETE `/resourceType/resourceId/notes/{noteId}`

Operation Id

deleteNote

Delete a Resource Note

Description

Deletes a Resource Note

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceType	resourceType	X	null	
resourceId	resourceId	X	null	
noteId	noteId	X	null	

Return Type

DeleteResourceTypeResourceIdNotesNoteIdResponse

Content Type

- application/json

Responses

Table 423. http response codes

Code	Message	Datatype
200	OK	<i>DeleteResourceTypeResourceIdNotesNoteIdResponse</i>

Samples

GET /{resourceType}/{resourceId}/notes/{noteId}

Operation Id

retrieveNote

Retrieve a Resource Note

Description

Retrieves a Resource Note Example Requests: clients/1/notes/76 groups/1/notes/20
clients/1/notes/76?fields=note,createdOn,createdByUsername
groups/1/notes/20?fields=note,createdOn,createdByUsername

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceType	resourceType	X	null	
resourceId	resourceId	X	null	

Name	Description	Required	Default	Pattern
noteId	noteId	X	null	

Return Type

[GetResourceTypeResourceIdNotesNoteIdResponse](#)

Content Type

- application/json

Responses

Table 424. http response codes

Code	Message	Datatype
200	OK	GetResourceTypeResourceIdNotesNoteIdResponse

Samples

GET /{resourceType}/{resourceId}/notes

Operation Id

retrieveNotesByResource

Retrieve a Resource's description

Description

Retrieves a Resource's Notes Note: Notes are returned in descending createOn order. Example Requests: clients/2/notes groups/2/notes?fields=note,createdOn,createdByUsername

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceType	resourceType	X	null	
resourceId	resourceId	X	null	

Return Type

array[[GetResourceTypeResourceIdNotesResponse](#)]

Content Type

- application/json

Responses

Table 425. http response codes

Code	Message	Datatype
200	OK	List[GetResourceTypeResourceIdNotesResponse]

Samples

PUT /{resourceType}/{resourceId}/notes/{noteId}

Operation Id

updateNote

Update a Resource Note

Description

Updates a Resource Note

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceType	resourceType	X	null	
resourceId	resourceId	X	null	
noteId	noteId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutResourceTypeResourceIdNotesNoteIdRequest	PutResourceTypeResourceIdNotesNoteIdRequest	X		

Return Type

[PutResourceTypeResourceIdNotesNoteIdResponse](#)

Content Type

- application/json

Responses

Table 426. http response codes

Code	Message	Datatype
200	OK	PutResourceTypeResourceIdNotesNoteIdResponse

Samples

Notification

GET /notifications

Operation Id

getAllNotifications

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
orderBy	orderBy	-	null	
limit	limit	-	null	
offset	offset	-	null	
sortOrder	sortOrder	-	null	
isRead	isRead	-	null	

Return Type

[GetNotificationsResponse](#)

Content Type

- application/json

Responses

Table 427. http response codes

Code	Message	Datatype
200	OK	GetNotificationsResponse

Samples

PUT /notifications

Operation Id

update5

Description

Parameters

Return Type

-

Content Type

- application/json

Responses

Table 428. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

Offices

POST /offices

Operation Id

createOffice

Create an Office

Description

Mandatory Fields name, openingDate, parentId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostOfficesRequest	PostOfficesRequest	X		

Return Type

[PostOfficesResponse](#)

Content Type

- application/json

Responses

Table 429. http response codes

Code	Message	Datatype
200	OK	PostOfficesResponse

Samples

GET /offices/downloadtemplate

Operation Id

getOfficeTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 430. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /offices/uploadtemplate

Operation Id

postOfficeTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 431. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /offices/{officeId}

Operation Id

retrievOffice

Retrieve an Office

Description

Example Requests: offices/1 offices/1?template=true offices/1?fields=id,name,parentName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	X	null	

Return Type

[GetOfficesResponse](#)

Content Type

- application/json

Responses

Table 432. http response codes

Code	Message	Datatype
200	OK	GetOfficesResponse

Samples

GET /offices/template

Operation Id

retrieveOfficeTemplate1

Retrieve Office Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: offices/template

Parameters

Return Type

[*GetOfficesTemplateResponse*](#)

Content Type

- application/json

Responses

Table 433. http response codes

Code	Message	Datatype
200	OK	<i>GetOfficesTemplateResponse</i>

Samples

GET /offices

Operation Id

retrieveOffices

List Offices

Description

Example Requests: offices offices?fields=id,name,openingDate

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
includeAllOffices	includeAllOffices	-	false	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[[*GetOfficesResponse*](#)]

Content Type

- application/json

Responses

Table 434. http response codes

Code	Message	Datatype
200	OK	List[GetOfficesResponse]

Samples

PUT /offices/{officeId}

Operation Id

updateOffice

Update Office

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutOfficesOfficeIdRequest	PutOfficesOfficeIdRequest	X		

Return Type

[PutOfficesOfficeIdResponse](#)

Content Type

- application/json

Responses

Table 435. http response codes

Code	Message	Datatype
200	OK	PutOfficesOfficeIdResponse

Samples

PasswordPreferences

GET /passwordpreferences

Operation Id

retrieve1

Description

Parameters

Return Type

[GetPasswordPreferencesTemplateResponse](#)

Content Type

- application/json

Responses

Table 436. http response codes

Code	Message	Datatype
200	OK	GetPasswordPreferencesTemplateResponse

Samples

GET /passwordpreferences/template

Operation Id

template21

List Application Password validation policies

Description

ARGUMENTS Example Requests: passwordpreferences

Parameters

Return Type

array[[GetPasswordPreferencesTemplateResponse](#)]

Content Type

- application/json

Responses

Table 437. http response codes

Code	Message	Datatype
200	OK	List[GetPasswordPreferencesTemplateResponse]

Samples

PUT /passwordpreferences

Operation Id

update23

Update password preferences

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutPasswordPreferencesTemplateRequest	PutPasswordPreferencesTemplateRequest	X		

Return Type

-

Responses

Table 438. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

PaymentType

POST /paymenttypes

Operation Id

createPaymentType

Create a Payment Type

Description

Creates a new Payment type Mandatory Fields: name Optional Fields: Description, isCashPayment,Position

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostPaymentTypesRequest	PostPaymentTypesRequest	X		

Return Type

[PostPaymentTypesResponse](#)

Content Type

- application/json

Responses

Table 439. http response codes

Code	Message	Datatype
200	OK	PostPaymentTypesResponse

Samples

DELETE /paymenttypes/{paymentTypeId}

Operation Id

deleteCode1

Delete a Payment Type

Description

Deletes payment type

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
paymentTypeId	paymentTypeId	X	null	

Return Type

[*DeletePaymentTypesPaymentTypeIdResponse*](#)

Content Type

- application/json

Responses

Table 440. http response codes

Code	Message	Datatype
200	OK	<i>DeletePaymentTypesPaymentTypeIdResponse</i>

Samples

GET /paymenttypes

Operation Id

getAllPaymentTypes

Retrieve all Payment Types

Description

Retrieve list of payment types

Parameters

Return Type

array[[*GetPaymentTypesResponse*](#)]

Content Type

- application/json

Responses

Table 441. http response codes

Code	Message	Datatype
200	OK	List[GetPaymentTypesResponse]

Samples

GET /paymenttypes/{paymentTypeId}

Operation Id

retrieveOnePaymentType

Retrieve a Payment Type

Description

Retrieves a payment type

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
paymentTypeId	paymentTypeId	X	null	

Return Type

[GetPaymentTypesPaymentTypeIdResponse](#)

Content Type

- application/json

Responses

Table 442. http response codes

Code	Message	Datatype
200	OK	<i>GetPaymentTypesPaymentTypeIdResponse</i>

Samples

PUT /paymenttypes/{paymentTypeId}

Operation Id

updatePaymentType

Update a Payment Type

Description

Updates a Payment Type

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
paymentTypeId	paymentTypeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutPaymentTypesPaymentTypeIdRequest	<i>PutPaymentTypesPaymentTypeIdRequest</i>	X		

Return Type

PutPaymentTypesPaymentTypeIdResponse

Content Type

- application/json

Responses

Table 443. http response codes

Code	Message	Datatype
200	OK	<i>PutPaymentTypesPaymentTypeIdResponse</i>

Samples

PeriodicAccrualAccounting

POST /runaccruals

Operation Id

executePeriodicAccrualAccounting

Executes Periodic Accrual Accounting

Description

Mandatory Fields tillDate

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostRunaccrualsRequest	<i>PostRunaccrualsRequest</i>	X		

Return Type

-

Responses

Table 444. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

Permissions

GET /permissions

Operation Id

retrieveAllPermissions

List Application Permissions

Description

ARGUMENTS makerCheckerableoptional, Values are true, false. Default is false. If makerCheckerable=false or not supplied then a list of application permissions is returned. The \"selected\" attribute is always true in this case. If makerCheckerable=true then the \"selected\" attribute shows whether the permission is enabled for Maker Check functionality. Note: Each Apache Fineract transaction is associated with a permission. Example Requests: permissions permissions?makerCheckerable=true permissions?fields=grouping,code

Parameters

Return Type

array[[GetPermissionsResponse](#)]

Content Type

- application/json

Responses

Table 445. http response codes

Code	Message	Datatype
200	OK	List[GetPermissionsResponse]

Samples

PUT /permissions

Operation Id

updatePermissionsDetails

Enable/Disable Permissions for Maker Checker

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutPermissionsRequest	PutPermissionsRequest	X		

Return Type

[*CommandProcessingResult*](#)

Content Type

- application/json

Responses

Table 446. http response codes

Code	Message	Datatype
200	OK	<i>CommandProcessingResult</i>

Samples

Pocket

POST /self/pockets

Operation Id

handleCommands7

Link/delink accounts to/from pocket

Description

Pockets behave as favourites. An user can link his/her Loan, Savings and Share accounts to pocket for faster access. In a similar way linked accounts can be delinked from the pocket. Example Requests: self/pockets?command=linkAccounts self/pockets?command=delinkAccounts

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostLinkDelinkAccountsToFromPocketResponse*](#)

Content Type

- application/json

Responses

Table 447. http response codes

Code	Message	Datatype
200	OK	<i>PostLinkDelinkAccountsToFromPocketResponse</i>

Samples**GET /self/pockets****Operation Id**

retrieveAll37

Retrieve accounts linked to pocket

Description

All linked loan Example Requests: self/pockets

Parameters**Return Type**

[*GetAccountsLinkedToPocketResponse*](#)

Content Type

- application/json

Responses

Table 448. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountsLinkedToPocketResponse</i>

Samples

PovertyLine

GET /povertyLine/{ppiName}

Operation Id

retrieveAll12

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
ppiName		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 449. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /povertyLine/{ppiName}/{likelihoodId}

Operation Id

retrieveAll13

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
ppiName		X	null	
likelihoodId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 450. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

ProductMix

POST /loanproducts/{productId}/productmix

Operation Id

createProductMix

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 451. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /loanproducts/{productId}/productmix

Operation Id

deleteProductMix

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 452. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /loanproducts/{productId}/productmix

Operation Id

retrieveTemplate11

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 453. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /loanproducts/{productId}/productmix

Operation Id

updateProductMix

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 454. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Products

POST /products/{type}

Operation Id

createProduct

Create a Share Product

Description

Creates a Share Product Mandatory Fields: name, shortName, description, currencyCode, digitsAfterDecimal,inMultiplesOf, locale, totalShares, unitPrice, nominalShares,allowDividendCalculationForInactiveClients,accountingRule Mandatory Fields for Cash based accounting (accountingRule = 2): shareReferenceId, shareSuspenseId, shareEquityId, incomeFromFeeAccountId Optional Fields: sharesIssued, minimumShares, maximumShares, minimumActivePeriodForDividends, minimumactiveperiodFrequencyType, lockinPeriodFrequency, lockinPeriodFrequencyType, marketPricePeriods, chargesSelected

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostProductsTypeRequest	PostProductsTypeRequest	X		

Return Type

[PostProductsTypeResponse](#)

Content Type

- application/json

Responses

Table 455. http response codes

Code	Message	Datatype
200	OK	PostProductsTypeResponse

Samples

POST /products/{type}/{productId}

Operation Id

handleCommands3

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	
productId	productId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 456. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /products/{type}

Operation Id

retrieveAllProducts

List Share Products

Description

Lists Share Products Mandatory Fields: limit, offset Example Requests: shareproducts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	

Return Type

[GetProductsTypeResponse](#)

Content Type

- application/json

Responses

Table 457. http response codes

Code	Message	Datatype
200	OK	GetProductsTypeResponse

Samples

GET /products/{type}/{productId}

Operation Id

retrieveProduct

Retrieve a Share Product

Description

Retrieves a Share Product Example Requests: products/share/1 products/share/1?template=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	
type	type	X	null	

Return Type

[GetProductsTypeProductIdResponse](#)

Content Type

- application/json

Responses

Table 458. http response codes

Code	Message	Datatype
200	OK	GetProductsTypeProductIdResponse

Samples

GET /products/{type}/template

Operation Id

retrieveTemplate12

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 459. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /products/{type}/{productId}

Operation Id

updateProduct

Update a Share Product

Description

Updates a Share Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	
productId	productId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutProductsTypeProductIdRequest	PutProductsTypeProductIdRequest	X		

Return Type

[PutProductsTypeProductIdResponse](#)

Content Type

- application/json

Responses

Table 460. http response codes

Code	Message	Datatype
200	OK	PutProductsTypeProductIdResponse

Samples

ProvisioningCategory

POST /provisioningcategory

Operation Id

createProvisioningCategory

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 461. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /provisioningcategory/{categoryId}

Operation Id

deleteProvisioningCategory

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
categoryId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 462. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /provisioningcategory

Operation Id

retrieveAll15

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 463. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /provisioningcategory/{categoryId}

Operation Id

updateProvisioningCategory

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
categoryId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 464. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

ProvisioningCriteria

POST /provisioningcriteria

Operation Id

createProvisioningCriteria

Create a new Provisioning Criteria

Description

Creates a new Provisioning Criteria Mandatory Fields: criteriaName provisioningcriteria Optional Fields: loanProducts

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostProvisioningCriteriaRequest	<i>PostProvisioningCriteriaRequest</i>	X		

Return Type

PostProvisioningCriteriaResponse

Content Type

- application/json

Responses

Table 465. http response codes

Code	Message	Datatype
200	OK	PostProvisioningCriteriaResponse

Samples

DELETE /provisioningcriteria/{criteriaId}

Operation Id

deleteProvisioningCriteria

Deletes Provisioning Criteria

Description

Deletes Provisioning Criteria

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
criteriaId	criteriaId	X	null	

Return Type

[DeleteProvisioningCriteriaResponse](#)

Content Type

- application/json

Responses

Table 466. http response codes

Code	Message	Datatype
200	OK	DeleteProvisioningCriteriaResponse

Samples

GET /provisioningcriteria

Operation Id

retrieveAllProvisioningCriteria

Retrieves all created Provisioning Criteria

Description

Retrieves all created Provisioning Criteria

Parameters

Return Type

array[[GetProvisioningCriteriaResponse](#)]

Content Type

- application/json

Responses

Table 467. http response codes

Code	Message	Datatype
200	OK	List[GetProvisioningCriteriaResponse]

Samples

GET /provisioningcriteria/{criteriaId}

Operation Id

retrieveProvisioningCriteria

Retrieves a Provisioning Criteria

Description

Retrieves a Provisioning Criteria

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
criteriaId	criteriaId	X	null	

Return Type

[*GetProvisioningCriteriaCriteriaIdResponse*](#)

Content Type

- application/json

Responses

Table 468. http response codes

Code	Message	Datatype
200	OK	<i>GetProvisioningCriteriaCriteriaIdResponse</i>

Samples

GET /provisioningcriteria/template

Operation Id

retrieveTemplate3

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 469. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /provisioningcriteria/{criteriaId}

Operation Id

updateProvisioningCriteria

Updates a new Provisioning Criteria

Description

Updates a new Provisioning Criteria Optional Fields criteriaName, loanProducts, provisioningcriteria

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
criteriaId	criteriaId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutProvisioningCriteria Request	PutProvisioningCriteriaRequest	X		

Return Type

[PutProvisioningCriteriaResponse](#)

Content Type

- application/json

Responses

Table 470. http response codes

Code	Message	Datatype
200	OK	<i>PutProvisioningCriteriaResponse</i>

Samples

ProvisioningEntries

POST /provisioningentries

Operation Id

createProvisioningEntries

Create new Provisioning Entries

Description

Creates a new Provisioning Entries Mandatory Fields date dateFormat locale Optional Fields createjournalentries

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostProvisioningEntriesRequest	<i>PostProvisioningEntriesRequest</i>	-		

Return Type

PostProvisioningEntriesResponse

Content Type

- application/json

Responses

Table 471. http response codes

Code	Message	Datatype
200	OK	<i>PostProvisioningEntriesResponse</i>

Samples

POST /provisioningentries/{entryId}

Operation Id

modifyProvisioningEntry

Recreates Provisioning Entry

Description

Recreates Provisioning Entry | createjournalentry.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entryId	entryId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutProvisioningEntriesRequest	PutProvisioningEntriesRequest	-		

Query Parameters

Name	Description	Required	Default	Pattern
command	command=createjournalentry command=recreateprovisioningentry	-	null	

Return Type

[PutProvisioningEntriesResponse](#)

Content Type

- application/json

Responses

Table 472. http response codes

Code	Message	Datatype
200	OK	PutProvisioningEntriesResponse

Samples

GET /provisioningentries

Operation Id

retrieveAllProvisioningEntries

List all Provisioning Entries

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	

Return Type

array[[ProvisioningEntryData](#)]

Content Type

- application/json

Responses

Table 473. http response codes

Code	Message	Datatype
200	OK	List[ProvisioningEntryData]

Samples

GET /provisioningentries/entries

Operation Id

retrieveProviioningEntries

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
entryId		-	null	
offset		-	null	
limit		-	null	
officeId		-	null	
productId		-	null	
categoryId		-	null	

Return Type

[*LoanProductProvisioningEntryData*](#)

Content Type

- application/json

Responses

Table 474. http response codes

Code	Message	Datatype
200	OK	<i>LoanProductProvisioningEntryData</i>

Samples

GET /provisioningentries/{entryId}

Operation Id

retrieveProvisioningEntry

Retrieves a Provisioning Entry

Description

Returns the details of a generated Provisioning Entry.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entryId	entryId	X	null	

Return Type

ProvisioningEntryData

Content Type

- application/json

Responses

Table 475. http response codes

Code	Message	Datatype
200	OK	<i>ProvisioningEntryData</i>

Samples

Rate

POST /rates

Operation Id

createRate

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 476. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /rates

Operation Id

getAllRates

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 477. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /rates/{rateId}

Operation Id

retrieveRate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
rateId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 478. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /rates/{rateId}

Operation Id

updateRate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
rateId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 479. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

RecurringDepositAccount

GET /recurringdepositaccounts/{accountId}/template

Operation Id

accountClosureTemplate1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 480. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /recurringdepositaccounts/{accountId}

Operation Id

delete16

Delete a recurring deposit application

Description

At present we support hard delete of recurring deposit application so long as its in 'Submitted and pending approval' state. Once the application moves past this state, it is not possible to do a 'hard' delete of the application or the account. An API endpoint will be added to close/de-activate the recurring deposit account.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

DeleteRecurringDepositAccountsResponse

Content Type

- application/json

Responses

Table 481. http response codes

Code	Message	Datatype
200	OK	<i>DeleteRecurringDepositAccountsResponse</i>

Samples

GET /recurringdepositaccounts/downloadtemplate

Operation Id

getRecurringDepositTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 482. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /recurringdepositaccounts/transactions/downloadtemplate

Operation Id

getRecurringDepositTransactionTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	

Name	Description	Required	Default	Pattern
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 483. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /recurringdepositaccounts/{accountId}

Operation Id

handleCommands5

Approve recurring deposit application | Undo approval recurring deposit application | Reject recurring deposit application | Withdraw recurring deposit application | Activate a recurring deposit account | Update the recommended deposit amount for a recurring deposit account | Close a recurring deposit account | Premature Close a recurring deposit account | Calculate Premature amount on Recurring deposit account | Calculate Interest on recurring Deposit Account | Post Interest on recurring Deposit Account

Description

Approve recurring deposit application: Approves recurring deposit application so long as its in 'Submitted and pending approval' state. Undo approval recurring deposit application: Will move 'approved' recurring deposit application back to 'Submitted and pending approval' state. Reject recurring deposit application Rejects recurring deposit application so long as its in 'Submitted and pending approval' state. Withdraw recurring deposit application: Used when an applicant withdraws from the recurring deposit application. It must be in 'Submitted and pending approval' state. Activate a recurring deposit account: Results in an approved recurring deposit application being converted into an 'active' recurring deposit account. Update the recommended deposit amount for a recurring deposit account: Updates the recommended deposit amount for a RD account as on the effective date. Close a recurring deposit account Results in a Matured recurring deposit account being converted into a 'closed' recurring deposit account. On account close allowed actions are.Premature Close a recurring deposit account: Results in an Active recurring deposit account being converted into a 'Premature

Closed' recurring deposit account with options to withdraw prematured amount. (premature amount is calculated using interest rate chart applicable along with penal interest if any.) On account premature closure allowed actions are. Calculate Premature amount on Recurring deposit account: Calculate premature amount on recurring deposit till premature close date. Premature amount is calculated based on interest chart and penal interest applicable if any. Calculate Interest on recurring Deposit Account: Calculates interest earned on a recurring deposit account based on todays date. It does not attempt to post or credit the interest on the account. That is responsibility of the Post Interest API that will likely be called by overnight process. Post Interest on recurring Deposit Account: Calculates and Posts interest earned on a recurring deposit account based on todays date and whether an interest posting or crediting event is due. Showing request/response for 'Post Interest on recurring Deposit Account'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostRecurringDepositAccountsAccountIdResponse*](#)

Content Type

- application/json

Responses

Table 484. http response codes

Code	Message	Datatype
200	OK	<i>PostRecurringDepositAccounts AccountIdResponse</i>

Samples

POST /recurringdepositaccounts/uploadtemplate

Operation Id

postRecurringDepositTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 485. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /recurringdepositaccounts/transactions/uploadtemplate

Operation Id

postRecurringDepositTransactionsTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 486. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /recurringdepositaccounts

Operation Id

retrieveAll31

List Recurring deposit applications/accounts

Description

Lists Recurring deposit applications/accounts Example Requests: recurringdepositaccounts recurringdepositaccounts?fields=name

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
paged	paged	-	null	

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[[GetRecurringDepositAccountsResponse](#)]

Content Type

- application/json

Responses

Table 487. http response codes

Code	Message	Datatype
200	OK	List[GetRecurringDepositAccountsResponse]

Samples

GET /recurringdepositaccounts/{accountId}

Operation Id

retrieveOne21

Retrieve a recurring deposit application/account

Description

Retrieves a recurring deposit application/account Example Requests : recurringdepositaccounts/1 recurringdepositaccounts/1?associations=all

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
chargeStatus	chargeStatus	-	all	

Return Type

[*GetRecurringDepositAccountsAccountIdResponse*](#)

Content Type

- application/json

Responses

Table 488. http response codes

Code	Message	Datatype
200	OK	<i>GetRecurringDepositAccountsAccountIdResponse</i>

Samples

POST /recurringdepositaccounts

Operation Id

submitApplication1

Submit new recurring deposit application

Description

Submits new recurring deposit application Mandatory Fields: clientId or groupId, productId, submittedOnDate, depositAmount, depositPeriod, depositPeriodFrequencyId Optional Fields: accountNo, externalId, fieldOfficerId,linkAccountId(if provided initial deposit amount will be collected from this account),transferInterestToSavings(By enabling this flag all interest postings will be transferred to linked saving account) Inherited from Product (if not provided): interestCompoundingPeriodType, interestCalculationType, interestCalculationDaysInYearType, lockinPeriodFrequency, lockinPeriodFrequencyType, preClosurePenalApplicable, preClosurePenalInterest, preClosurePenalInterestOnTypeId, charts, withHoldTax

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostRecurringDepositAccountsRequest	PostRecurringDepositAccountsRequest	X		

Return Type

[PostRecurringDepositAccountsResponse](#)

Content Type

- application/json

Responses

Table 489. http response codes

Code	Message	Datatype
200	OK	PostRecurringDepositAccountsResponse

Samples

GET /recurringdepositaccounts/template

Operation Id

template13

Retrieve recurring Deposit Account Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for recurring deposit applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Requests: recurringdepositaccounts/template?clientId=1 recurringdepositaccounts/template?clientId=1&productId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	

Name	Description	Required	Default	Pattern
groupId	groupId	-	null	
productId	productId	-	null	
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetRecurringDepositAccountsTemplateResponse](#)

Content Type

- application/json

Responses

Table 490. http response codes

Code	Message	Datatype
200	OK	GetRecurringDepositAccountsTemplateResponse

Samples

PUT /recurringdepositaccounts/{accountId}

Operation Id

update17

Modify a recurring deposit application

Description

Recurring deposit application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method. Specific api endpoints will be created to allow change of interest detail such as rate, compounding period, posting period etc

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutRecurringDepositAccountsAccountIdRequest	PutRecurringDepositAccountsAccountIdRequest	X		

Return Type

[PutRecurringDepositAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 491. http response codes

Code	Message	Datatype
200	OK	PutRecurringDepositAccountsAccountIdResponse

Samples

RecurringDepositAccountTransactions

POST /recurringdepositaccounts/{recurringDepositAccountId}/transactions/{transactionId}

Operation Id

handleTransactionCommands

Adjust Transaction | Undo transaction

Description

Adjust Transaction: This command modifies the given transaction. Undo transaction: This command reverses the given transaction. Showing request/response for 'Adjust Transaction'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
recurringDepositAccountId	recurringDepositAccountId	X	null	
transactionId	transactionId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest	PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 492. http response codes

Code	Message	Datatype
200	OK	PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

Samples

GET /recurringdepositaccounts/{recurringDepositAccountId}/transactions/{transactionId}

Operation Id

retrieveOne20

Retrieve Recurring Deposit Account Transaction

Description

Retrieves Recurring Deposit Account Transaction Example Requests:
recurringdepositaccounts/1/transactions/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
recurringDepositAccount Id	recurringDepositAccountId	X	null	
transactionId	transactionId	X	null	

Return Type

[GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 493. http response codes

Code	Message	Datatype
200	OK	GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

Samples

GET /recurringdepositaccounts/{recurringDepositAccountId}/transactions/template

Operation Id

retrieveTemplate15

Retrieve Recurring Deposit Account Transaction Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Requests: recurringdepositaccounts/1/transactions/template?command=deposit recurringdepositaccounts/1/transactions/template?command=withdrawal

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
recurringDepositAccount tId	recurringDepositAccountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTemplateResponse*](#)

Content Type

- application/json

Responses

Table 494. http response codes

Code	Message	Datatype
200	OK	<i>GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTemplateResponse</i>

Samples

POST /recurringdepositaccounts/{recurringDepositAccountId}/transactions

Operation Id

transaction1

Deposit Transaction | Withdrawal Transaction

Description

Deposit Transaction: Used for a deposit transaction Withdrawal Transaction: Used for a Withdrawal Transaction Showing request/response for Deposit Transaction

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
recurringDepositAccountId	recurringDepositAccountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest	PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsResponse](#)

Content Type

- application/json

Responses

Table 495. http response codes

Code	Message	Datatype
200	OK	PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsResponse

Samples

RecurringDepositProduct

POST /recurringdepositproducts

Operation Id

create12

Create a Recurring Deposit Product

Description

Creates a Recurring Deposit Product Mandatory Fields: name, shortName, description, currencyCode, digitsAfterDecimal,inMultiplesOf, interestCompoundingPeriodType, interestCalculationType, interestCalculationDaysInYearType, minDepositTerm, minDepositTermTypeId, recurringDepositFrequency, recurringDepositFrequencyTypeId, accountingRule, depositAmount Mandatory Fields for Cash based accounting (accountingRule = 2): savingsReferenceAccountId, savingsControlAccountId, interestOnSavingsAccountId, incomeFromFeeAccountId, transfersInSuspenseAccountId, incomeFromPenaltyAccountId Optional Fields: lockinPeriodFrequency, lockinPeriodFrequencyType, maxDepositTerm, maxDepositTermTypeId, inMultiplesOfDepositTerm, inMultiplesOfDepositTermTypeId, preClosurePenalApplicable, preClosurePenalInterest, preClosurePenalInterestOnTypeId, feeToIncomeAccountMappings, penaltyToIncomeAccountMappings, charges, charts, minDepositAmount, maxDepositAmount, withHoldTax, taxGroupId

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostRecurringDepositProductsRequest	PostRecurringDepositProductsRequest	X		

Return Type

[PostRecurringDepositProductsResponse](#)

Content Type

- application/json

Responses

Table 496. http response codes

Code	Message	Datatype
200	OK	PostRecurringDepositProductsResponse

Samples

DELETE /recurringdepositproducts/{productId}

Operation Id

delete17

Delete a Recurring Deposit Product

Description

Deletes a Recurring Deposit Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[DeleteRecurringDepositProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 497. http response codes

Code	Message	Datatype
200	OK	<i>DeleteRecurringDepositProductsProductIdResponse</i>

Samples

GET /recurringdepositproducts

Operation Id

retrieveAll32

List Recuring Deposit Products

Description

Lists Recuring Deposit Products Example Requests: recurringdepositproducts recurringdepositproducts?fields=name

Parameters

Return Type

array[*GetRecurringDepositProductsResponse*]

Content Type

- application/json

Responses

Table 498. http response codes

Code	Message	Datatype
200	OK	List[<i>GetRecurringDepositProductsResponse</i>]

Samples

GET /recurringdepositproducts/{productId}

Operation Id

retrieveOne22

Retrieve a Recurring Deposit Product

Description

Retrieves a Recurring Deposit Product Example Requests: recurringdepositproducts/1 recurringdepositproducts/1?template=true recurringdepositproducts/1?fields=name,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[GetRecurringDepositProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 499. http response codes

Code	Message	Datatype
200	OK	GetRecurringDepositProductsProductIdResponse

Samples

GET /recurringdepositproducts/template

Operation Id

retrieveTemplate16

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 500. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /recurringdepositproducts/{productId}

Operation Id

update18

Update a Recurring Deposit Product

Description

Updates a Recurring Deposit Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutRecurringDepositProductsRequest	PutRecurringDepositProductsRequest	X		

Return Type

[PutRecurringDepositProductsResponse](#)

Content Type

- application/json

Responses

Table 501. http response codes

Code	Message	Datatype
200	OK	PutRecurringDepositProductsResponse

Samples

RepaymentWithPostDatedChecks

DELETE /loans/{loanId}/postdatedchecks/{postDatedCheckId}

Operation Id

deletePostDatedCheck

Delete Post Dated Check

Description

Delete Post Dated Check

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
postDatedCheckId	postDatedCheckId	X	null	
loanId	loanId	X	null	

Return Type

array[[DeletePostDatedCheck](#)]

Content Type

- application/json

Responses

Table 502. http response codes

Code	Message	Datatype
200	OK	List[DeletePostDatedCheck]

Samples

GET /loans/{loanId}/postdatedchecks/{installmentId}

Operation Id

getPostDatedCheck

Get Post Dated Check

Description

Get Post Dated Check

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
installmentId	installmentId	X	null	
loanId	loanId	X	null	

Return Type

array[[GetPostDatedChecks](#)]

Content Type

- application/json

Responses

Table 503. http response codes

Code	Message	Datatype
200	OK	List[GetPostDatedChecks]

Samples

GET /loans/{loanId}/postdatedchecks

Operation Id

getPostDatedChecks

Get All Post Dated Checks

Description

Get All Post dated Checks

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

array[[GetPostDatedChecks](#)]

Content Type

- application/json

Responses

Table 504. http response codes

Code	Message	Datatype
200	OK	List[GetPostDatedChecks]

Samples

PUT /loans/{loanId}/postdatedchecks/{postDatedCheckId}

Operation Id

updatePostDatedChecks

Update Post Dated Check, Bounced Check

Description

Update Post Dated Check, Bounced Check

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
postDatedCheckId	postDatedCheckId	X	null	
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
UpdatePostDatedCheckRequest	UpdatePostDatedCheckRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
editType	editType	-	null	

Return Type

array[[UpdatePostDatedCheckResponse](#)]

Content Type

- application/json

Responses

Table 505. http response codes

Code	Message	Datatype
200	OK	List[UpdatePostDatedCheckResponse]

Samples

ReportMailingJobs

POST /reportmailingjobs

Operation Id

createReportMailingJob

Create a Report Mailing Job

Description

Mandatory Fields: name, startDateTime, stretchyReportId, emailRecipients, emailSubject, emailMessage, emailAttachmentFileFormatId, recurrence, isActive
Optional Fields: description, stretchyReportParamMap

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostReportMailingJobsRequest	PostReportMailingJobsRequest	X		

Return Type

[PostReportMailingJobsResponse](#)

Content Type

- application/json

Responses

Table 506. http response codes

Code	Message	Datatype
200	OK	PostReportMailingJobsResponse

Samples

DELETE /reportmailingjobs/{entityId}

Operation Id

deleteReportMailingJob

Delete a Report Mailing Job

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityId	entityId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[object]	X		

Return Type

DeleteReportMailingJobsResponse

Content Type

- application/json

Responses

Table 507. http response codes

Code	Message	Datatype
200	OK	<i>DeleteReportMailingJobsResponse</i>

Samples

GET /reportmailingjobs

Operation Id

retrieveAllReportMailingJobs

List Report Mailing Jobs

Description

Example Requests: reportmailingjobs

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[*GetReportMailingJobsResponse*]

Content Type

- application/json

Responses

Table 508. http response codes

Code	Message	Datatype
200	OK	List[GetReportMailingJobsResponse]

Samples

GET /reportmailingjobs/{entityId}

Operation Id

retrieveReportMailingJob

Retrieve a Report Mailing Job

Description

Example Requests: reportmailingjobs/1 reportmailingjobs/1?template=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityId	entityId	X	null	

Return Type

[GetReportMailingJobsResponse](#)

Content Type

- application/json

Responses

Table 509. http response codes

Code	Message	Datatype
200	OK	GetReportMailingJobsResponse

Samples

GET /reportmailingjobs/template

Operation Id

retrieveReportMailingJobTemplate

Retrieve Report Mailing Job Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for report mailing job applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: reportmailingjobs/template

Parameters

Return Type

GetReportMailingJobsTemplate

Content Type

- application/json

Responses

Table 510. http response codes

Code	Message	Datatype
200	OK	<i>GetReportMailingJobsTemplate</i>

Samples

PUT /reportmailingjobs/{entityId}

Operation Id

updateReportMailingJob

Update a Report Mailing Job

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
entityId	entityId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutReportMailingJobsRequest	PutReportMailingJobsRequest	X		

Return Type

[PutReportMailingJobsResponse](#)

Content Type

- application/json

Responses

Table 511. http response codes

Code	Message	Datatype
200	OK	PutReportMailingJobsResponse

Samples

Reports

POST /reports

Operation Id

createReport

Create a Report

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostRepostRequest	PostRepostRequest	X		

Return Type

PostReportsResponse

Content Type

- application/json

Responses

Table 512. http response codes

Code	Message	Datatype
200	OK	<i>PostReportsResponse</i>

Samples

DELETE /reports/{id}

Operation Id

deleteReport

Delete a Report

Description

Only non-core reports can be deleted.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id	id	X	null	

Return Type

DeleteReportsResponse

Content Type

- application/json

Responses

Table 513. http response codes

Code	Message	Datatype
200	OK	DeleteReportsResponse

Samples

GET /reports/template

Operation Id

retrieveOfficeTemplate

Retrieve Report Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request : reports/template

Parameters

Return Type

[GetReportsTemplateResponse](#)

Content Type

- application/json

Responses

Table 514. http response codes

Code	Message	Datatype
200	OK	GetReportsTemplateResponse

Samples

GET /reports/{id}

Operation Id

retrieveReport

Retrieve a Report

Description

Example Requests: reports/1 reports/1?template=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id	id	X	null	

Return Type

[GetReportsResponse](#)

Content Type

- application/json

Responses

Table 515. http response codes

Code	Message	Datatype
200	OK	GetReportsResponse

Samples

GET /reports

Operation Id

retrieveReportList

List Reports

Description

Lists all reports and their parameters. Example Request: reports

Parameters

Return Type

array[[GetReportsResponse](#)]

Content Type

- application/json

Responses

Table 516. http response codes

Code	Message	Datatype
200	OK	List[GetReportsResponse]

Samples

PUT /reports/{id}

Operation Id

updateReport

Update a Report

Description

Only the useReport description can be updated for core reports.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id	id	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutReportRequest	PutReportRequest	X		

Return Type

[PutReportResponse](#)

Content Type

- application/json

Responses

Table 517. http response codes

Code	Message	Datatype
200	OK	PutReportResponse

Samples

RescheduleLoans

POST /rescheduleloans

Operation Id

createLoanRescheduleRequest

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 518. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /rescheduleloans/{scheduleId}

Operation Id

readLoanRescheduleRequest

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
scheduleId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 519. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /rescheduleloans

Operation Id

retrieveAllRescheduleRequest

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 520. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /rescheduleloans/template

Operation Id

retrieveTemplate9

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 521. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /rescheduleloans/{scheduleId}

Operation Id

updateLoanRescheduleRequest

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
scheduleId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 522. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

Roles

POST /roles/{roleId}

Operation Id

actionsOnRoles

Enable Role | Disable Role

Description

Description : Enable role in case role is disabled. | Disable the role in case role is not associated with any users. Example Request: [DomainName/api/v1/roles/{roleId}?command=enable](#) [DomainName/api/v1/roles/{roleId}?command=disable](#)

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostRolesRoleIdResponse](#)

Content Type

- application/json

Responses

Table 523. http response codes

Code	Message	Datatype
200	OK	PostRolesRoleIdResponse

Samples

POST /roles

Operation Id

createRole

Create a New Role

Description

Mandatory Fields name, description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostRolesRequest	PostRolesRequest	X		

Return Type

[PostRolesResponse](#)

Content Type

- application/json

Responses

Table 524. http response codes

Code	Message	Datatype
200	OK	PostRolesResponse

Samples

DELETE /roles/{roleId}

Operation Id

deleteRole

Delete a Role

Description

Description : Delete the role in case role is not associated with any users.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Return Type

[DeleteRolesRoleIdResponse](#)

Content Type

- application/json

Responses

Table 525. http response codes

Code	Message	Datatype
200	OK	DeleteRolesRoleIdResponse

Samples

GET /roles

Operation Id

retrieveAllRoles

List Roles

Description

Example Requests: roles roles?fields=name

Parameters

Return Type

array[[GetRolesResponse](#)]

Content Type

- application/json

Responses

Table 526. http response codes

Code	Message	Datatype
200	OK	List[GetRolesResponse]

Samples

GET /roles/{roleId}

Operation Id

retrieveRole

Retrieve a Role

Description

Example Requests: roles/1 roles/1?fields=name

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Return Type

[*GetRolesRoleIdResponse*](#)

Content Type

- application/json

Responses

Table 527. http response codes

Code	Message	Datatype
200	OK	<i>GetRolesRoleIdResponse</i>

Samples

GET /roles/{roleId}/permissions

Operation Id

retrieveRolePermissions

Retrieve a Role's Permissions

Description

Example Requests: roles/1/permissions

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Return Type

[*GetRolesRoleIdPermissionsResponse*](#)

Content Type

- application/json

Responses

Table 528. http response codes

Code	Message	Datatype
200	OK	<i>GetRolesRoleIdPermissionsResponse</i>

Samples

PUT /roles/{roleId}

Operation Id

updateRole

Update a Role

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutRolesRoleIdRequest	<i>PutRolesRoleIdRequest</i>	X		

Return Type

[*PutRolesRoleIdResponse*](#)

Content Type

- application/json

Responses

Table 529. http response codes

Code	Message	Datatype
200	OK	PutRolesRoleIdResponse

Samples

PUT /roles/{roleId}/permissions

Operation Id

updateRolePermissions

Update a Role's Permissions

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
roleId	roleId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutRolesRoleIdPermissionsRequest	PutRolesRoleIdPermissionsRequest	X		

Return Type

[PutRolesRoleIdPermissionsResponse](#)

Content Type

- application/json

Responses

Table 530. http response codes

Code	Message	Datatype
200	OK	PutRolesRoleIdPermissionsResponse

Samples

RunReports

GET /runreports/{reportName}

Operation Id

runReport

Running a Report

Description

This resource allows you to run and receive output from pre-defined Apache Fineract reports. Reports can also be used to provide data for searching and workflow functionality. The default output is a JSON formatted "Generic Resultset". The Generic Resultset contains Column Heading as well as Data information. However, you can export to CSV format by simply adding "&exportCSV=true" to the end of your URL. If Pentaho reports have been pre-defined, they can also be run through this resource. Pentaho reports can return HTML, PDF or CSV formats. The Apache Fineract reference application uses a JQuery plugin called stretchy reporting which, itself, uses this reports resource to provide a pretty flexible reporting User Interface (UI). Example Requests: runreports/Client%20Listing?R_officeId=1
runreports/Client%20Listing?R_officeId=1&exportCSV=true

runreports/OfficeIdSelectOne?R_officeId=1¶meterType=true

runreports/OfficeIdSelectOne?R_officeId=1¶meterType=true&exportCSV=true

runreports/Expected%20Payments%20By%20Date%20-%20Formatted?R_endDate=2013-04-30&R_loanOfficerId=-1&R_officeId=1&R_startDate=2013-04-16&output-type=HTML&R_officeId=1

runreports/Expected%20Payments%20By%20Date%20-%20Formatted?R_endDate=2013-04-30&R_loanOfficerId=-1&R_officeId=1&R_startDate=2013-04-16&output-type=XLS&R_officeId=1

runreports/Expected%20Payments%20By%20Date%20-%20Formatted?R_endDate=2013-04-30&R_loanOfficerId=-1&R_officeId=1&R_startDate=2013-04-16&output-type=CSV&R_officeId=1

runreports/Expected%20Payments%20By%20Date%20-%20Formatted?R_endDate=2013-04-30&R_loanOfficerId=-1&R_officeId=1&R_startDate=2013-04-16&output-type=PDF&R_officeId=1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
reportName	reportName	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
isSelfServiceUserReport	isSelfServiceUserReport	-	false	

Return Type

[*RunReportsResponse*](#)

Content Type

- application/json
- application/pdf
- application/vnd.ms-excel
- text/csv
- text/html

Responses

Table 531. http response codes

Code	Message	Datatype
200	OK	<i>RunReportsResponse</i>

Samples

SCHEDULERJOB

POST /jobs/{jobId}

Operation Id

executeJob

Run a Job

Description

Manually Execute Specific Job.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
jobId	jobId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

-

Responses

Table 532. http response codes

Code	Message	Datatype
200	POST: jobs/1?command==executeJob	<<>>

Samples

GET /jobs

Operation Id

retrieveAll8

Retrieve Scheduler Jobs

Description

Returns the list of jobs. Example Requests: jobs

Parameters

Return Type

array[[GetJobsResponse](#)]

Content Type

- application/json

Responses

Table 533. http response codes

Code	Message	Datatype
200	OK	List[GetJobsResponse]

Samples

GET /jobs/{jobId}/runhistory

Operation Id

retrieveHistory

Retrieve Job Run History

Description

Example Requests: jobs/5/runhistory?offset=0&limit=200

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
jobId	jobId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

[GetJobsJobIDJobRunHistoryResponse](#)

Content Type

- application/json

Responses

Table 534. http response codes

Code	Message	Datatype
200	OK	GetJobsJobIDJobRunHistoryResponse

Samples

GET /jobs/{jobId}

Operation Id

retrieveOne5

Retrieve a Job

Description

Returns the details of a Job. Example Requests: jobs/5

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
jobId	jobId	X	null	

Return Type

[GetJobsResponse](#)

Content Type

- application/json

Responses

Table 535. http response codes

Code	Message	Datatype
200	OK	GetJobsResponse

Samples

PUT /jobs/{jobId}

Operation Id

updateJobDetail

Update a Job

Description

Updates the details of a job.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
jobId	jobId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutJobsJobIDRequest	<i>PutJobsJobIDRequest</i>	X		

Return Type

-

Responses

Table 536. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

SMS

POST /sms

Operation Id

create2

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 537. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /sms/{resourceId}

Operation Id

delete6

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 538. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /sms

Operation Id

retrieveAll10

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 539. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /sms/{campaignId}/messageByStatus

Operation Id

retrieveAllSmsByStatus

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
campaignId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
status		-	null	
fromDate		-	null	
toDate		-	null	
locale		-	null	
dateFormat		-	null	
sqlSearch		-	null	
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 540. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /sms/{resourceId}

Operation Id

retrieveOne6

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 541. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /sms/{resourceId}

Operation Id

update3

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
resourceId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 542. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SPMAPILookUpTable

POST /surveys/{surveyId}/lookuptables

Operation Id

createLookupTable

Create a Lookup Table entry

Description

Add a new entry to a survey. Mandatory Fields key, score, validFrom, validTo

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
LookupTableData	LookupTableData	-		

Return Type

-

Responses

Table 543. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

GET /surveys/{surveyId}/lookuptables

Operation Id

fetchLookupTables

List all Lookup Table entries

Description

List all Lookup Table entries for a survey.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	

Return Type

array[[LookupTableData](#)]

Content Type

- application/json

Responses

Table 544. http response codes

Code	Message	Datatype
200	OK	List[LookupTableData]

Samples

GET /surveys/{surveyId}/lookuptables/{key}

Operation Id

findLookupTable

Retrieve a Lookup Table entry

Description

Retrieve a Lookup Table entry for a survey.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	
key	Enter key	X	null	

Return Type

[LookupTableData](#)

Content Type

- application/json

Responses

Table 545. http response codes

Code	Message	Datatype
200	OK	LookupTableData

Samples

SavingsAccount

DELETE /savingsaccounts/{accountId}

Operation Id

delete18

Delete a savings application

Description

At present we support hard delete of savings application so long as its in 'Submitted and pending approval' state. One the application is moves past this state, it is not possible to do a 'hard' delete of the application or the account. An API endpoint will be added to close/de-activate the savings account.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Return Type

[DeleteSavingsAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 546. http response codes

Code	Message	Datatype
200	OK	DeleteSavingsAccountsAccountIdResponse

Samples

GET /savingsaccounts/downloadtemplate

Operation Id

getSavingsTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 547. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /savingsaccounts/transactions/downloadtemplate

Operation Id

getSavingsTransactionTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 548. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /savingsaccounts/{accountId}

Operation Id

handleCommands6

Approve savings application | Undo approval savings application | Assign Savings Officer | Unassign

Savings Officer | Reject savings application | Withdraw savings application | Activate a savings account | Close a savings account | Calculate Interest on Savings Account | Post Interest on Savings Account | Block Savings Account | Unblock Savings Account | Block Savings Account Credit transactions | Unblock Savings Account Credit transactions | Block Savings Account Debit transactions | Unblock Savings Account debit transactions

Description

Approve savings application: Approves savings application so long as its in 'Submitted and pending approval' state. Undo approval savings application: Will move 'approved' savings application back to 'Submitted and pending approval' state. Assign Savings Officer: Allows you to assign Savings Officer for existing Savings Account. Unassign Savings Officer: Allows you to unassign the Savings Officer. Reject savings application: Rejects savings application so long as its in 'Submitted and pending approval' state. Withdraw savings application: Used when an applicant withdraws from the savings application. It must be in 'Submitted and pending approval' state. Activate a savings account: Results in an approved savings application being converted into an 'active' savings account. Close a savings account: Results in an Activated savings application being converted into an 'closed' savings account. closedOnDate is closure date of savings account withdrawBalance is a boolean description, true value of this field performs a withdrawal transaction with account's running balance. Mandatory Fields: dateFormat,locale,closedOnDate Optional Fields: note, withdrawBalance, paymentTypeId, accountNumber, checkNumber, routingCode, receiptNumber, bankNumber Calculate Interest on Savings Account: Calculates interest earned on a savings account based on todays date. It does not attempt to post or credit the interest on the account. That is responsibility of the Post Interest API that will likely be called by overnight process. Post Interest on Savings Account: Calculates and Posts interest earned on a savings account based on today's date and whether an interest posting or crediting event is due. Block Savings Account: Blocks Savings account from all types of credit and debit transactions Unblock Savings Account: Unblock a blocked account. On unblocking account, user can perform debit and credit transactions Block Savings Account Credit transactions: Savings account will be blocked from all types of credit transactions. Unblock Savings Account Credit transactions: It unblocks the Saving account's credit operations. Now all types of credits can be transacted to Savings account Block Savings Account Debit transactions: All types of debit operations from Savings account wil be blocked Unblock Savings Account debit transactions: It unblocks the Saving account's debit operations. Now all types of debits can be transacted from Savings account Showing request/response for 'Unassign Savings Officer'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountsAccountIdRequest	PostSavingsAccountsAccountIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostSavingsAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 549. http response codes

Code	Message	Datatype
200	OK	PostSavingsAccountsAccountIdResponse

Samples

POST /savingsaccounts/gsimcommands/{parentAccountId}

Operation Id

handleGSIMCommands

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
parentAccountId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 550. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /savingsaccounts/uploadtemplate

Operation Id

postSavingsTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 551. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /savingsaccounts/transactions/uploadtemplate

Operation Id

postSavingsTransactionTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 552. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /savingsaccounts

Operation Id

retrieveAll33

List savings applications/accounts

Description

Lists savings applications/accounts Example Requests: savingsaccounts savingsaccounts?fields=name

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

[GetSavingsAccountsResponse](#)

Content Type

- application/json

Responses

Table 553. http response codes

Code	Message	Datatype
200	OK	GetSavingsAccountsResponse

Samples

GET /savingsaccounts/{accountId}

Operation Id

retrieveOne24

Retrieve a savings application/account

Description

Retrieves a savings application/account Example Requests : savingsaccounts/1 savingsaccounts/1?associations=all

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	
chargeStatus	chargeStatus	-	all	

Return Type

[GetSavingsAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 554. http response codes

Code	Message	Datatype
200	OK	GetSavingsAccountsAccountIdResponse

Samples

POST /savingsaccounts

Operation Id

submitApplication2

Submit new savings application

Description

Submits new savings application Mandatory Fields: clientId or groupId, productId, submittedOnDate
Optional Fields: accountNo, externalId, fieldOfficerId Inherited from Product (if not provided):
nominalAnnualInterestRate, interestCompoundingPeriodType, interestCalculationType,
interestCalculationDaysInYearType, minRequiredOpeningBalance, lockinPeriodFrequency,
lockinPeriodFrequencyType, withdrawalFeeForTransfers, allowOverdraft, overdraftLimit,
withHoldTax Additional Mandatory Field if Entity-Datatable Check is enabled for the entity of type
Savings: datatables

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountsRequest	PostSavingsAccountsRequest	X		

Return Type

[PostSavingsAccountsResponse](#)

Content Type

- application/json

Responses

Table 555. http response codes

Code	Message	Datatype
200	OK	PostSavingsAccountsResponse

Samples

POST /savingsaccounts/gsim

Operation Id

submitGSIMApplication

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 556. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /savingsaccounts/template

Operation Id

template14

Retrieve Savings Account Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value

Lists Example Requests: savingsaccounts/template?clientId=1
savingsaccounts/template?clientId=1&productId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	
groupId	groupId	-	null	
productId	productId	-	null	

Name	Description	Required	Default	Pattern
staffInSelectedOfficeOnly	staffInSelectedOfficeOnly	-	false	

Return Type

[GetSavingsAccountsTemplateResponse](#)

Content Type

- application/json

Responses

Table 557. http response codes

Code	Message	Datatype
200	OK	GetSavingsAccountsTemplateResponse

Samples

PUT /savingsaccounts/{accountId}

Operation Id

update19

Modify a savings application | Modify savings account withhold tax applicability

Description

Modify a savings application: Savings application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method. Specific api endpoints will be created to allow change of interest detail such as rate, compounding period, posting period etc Modify savings account withhold tax applicability: Savings application's withhold tax can be modified when in 'Active' state. Once the application is activated, can modify the account withhold tax to post tax or vice-versa Showing request/response for 'Modify a savings application'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutSavingsAccountsAccountIdRequest	PutSavingsAccountsAccountIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PutSavingsAccountsAccountIdResponse](#)

Content Type

- application/json

Responses

Table 558. http response codes

Code	Message	Datatype
200	OK	PutSavingsAccountsAccountIdResponse

Samples

PUT /savingsaccounts/gsim/{parentAccountId}

Operation Id

updateGsim

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
parentAccountId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 559. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SavingsAccountTransactions

POST /savingsaccounts/{savingsId}/transactions/{transactionId}

Operation Id

adjustTransaction1

Undo/Reverse/Modify/Release Amount transaction API

Description

Undo/Reverse/Modify/Release Amount transaction API Example Requests:
savingsaccounts/{savingsId}/transactions/{transactionId}?command=reverse Accepted command =
undo, reverse, modify, releaseAmount

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsId		X	null	
transactionId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountBulkReversalTransactionsRequest	PostSavingsAccountBulkReversalTransactionsRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

array[[PostSavingsAccountBulkReversalTransactionsRequest](#)]

Content Type

- application/json

Responses

Table 560. http response codes

Code	Message	Datatype
200	OK	List[PostSavingsAccountBulkReversalTransactionsRequest]

Samples

GET /savingsaccounts/{savingsId}/transactions/{transactionId}

Operation Id

retrieveOne23

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsId		X	null	

Name	Description	Required	Default	Pattern
transactionId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 561. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /savingsaccounts/{savingsId}/transactions/template

Operation Id

retrieveTemplate18

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 562. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /savingsaccounts/{savingsId}/transactions

Operation Id

transaction2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountTransactionsRequest	PostSavingsAccountTransactionsRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[PostSavingsAccountTransactionsResponse](#)

Content Type

- application/json

Responses

Table 563. http response codes

Code	Message	Datatype
200	OK	PostSavingsAccountTransactionsResponse

Samples

SavingsCharges

POST /savingsaccounts/{savingsAccountId}/charges

Operation Id

addSavingsAccountCharge

Create a Savings account Charge

Description

Creates a Savings account Charge Mandatory Fields for Savings account Charges: chargeId, amount chargeId, amount, dueDate, dateFormat, locale chargeId, amount, feeOnMonthDay, monthDayFormat, locale

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountsSavingsAccountIdChargesRequest	PostSavingsAccountsSavingsAccountIdChargesRequest	X		

Return Type

[PostSavingsAccountsSavingsAccountIdChargesResponse](#)

Content Type

- application/json

Responses

Table 564. http response codes

Code	Message	Datatype
200	OK	PostSavingsAccountsSavingsAccountIdChargesResponse

Samples

DELETE /savingsaccounts/{savingsAccountId}/charges/{savingsAccountChargeId}

Operation Id

deleteSavingsAccountCharge

Delete a Savings account Charge

Description

Note: Currently, A Savings account Charge may only be removed from Savings that are not yet approved.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	
savingsAccountChargeId	savingsAccountChargeId	X	null	

Return Type

[DeleteSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse](#)

Content Type

- application/json

Responses

Table 565. http response codes

Code	Message	Datatype
200	OK	DeleteSavingsAccountsSavingsAccountChargeSavingsAccountChargeIdResponse

Samples

POST /savingsaccounts/{savingsAccountId}/charges/{savingsAccountChargeId}

Operation Id

payOrWaiveSavingsAccountCharge

Pay a Savings account Charge | Waive off a Savings account Charge | Inactivate a Savings account Charge

Description

Pay a Savings account Charge: An active charge will be paid when savings account is active and having sufficient balance. Waive off a Savings account Charge: Outstanding charge amount will be waived off. Inactivate a Savings account Charge: A charge will be allowed to inactivate when savings account is active and not having any dues as of today. If charge is overpaid, corresponding charge payment transactions will be reversed. Showing request/response for 'Pay a Savings account Charge'

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	
savingsAccountChargeId	savingsAccountChargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsAccountsSavingsAccountChargesSavingsAccountChargeIdRequest	PostSavingsAccountsSavingsAccountChargesSavingsAccountChargeIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[*PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse*](#)

Content Type

- application/json

Responses

Table 566. http response codes

Code	Message	Datatype
200	OK	<i>PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse</i>

Samples

GET /savingsaccounts/{savingsAccountId}/charges

Operation Id

retrieveAllSavingsAccountCharges

List Savings Charges

Description

Lists Savings Charges Example Requests: savingsaccounts/1/charges
savingsaccounts/1/charges?chargeStatus=all savingsaccounts/1/charges?chargeStatus=inactive
savingsaccounts/1/charges?chargeStatus=active
savingsaccounts/1/charges?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
chargeStatus	chargeStatus	-	all	

Return Type

array[[GetSavingsAccountsSavingsAccountIdChargesResponse](#)]

Content Type

- application/json

Responses

Table 567. http response codes

Code	Message	Datatype
200	OK	List[GetSavingsAccountsSavingsAccountIdChargesResponse]

Samples

GET /savingsaccounts/{savingsAccountId}/charges/{savingsAccountChargeId}

Operation Id

retrieveSavingsAccountCharge

Retrieve a Savings account Charge

Description

Retrieves a Savings account Charge Example Requests: /savingsaccounts/1/charges/5
/savingsaccounts/1/charges/5?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	

Name	Description	Required	Default	Pattern
savingsAccountChargeId	savingsAccountChargeId	X	null	

Return Type

[GetSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse](#)

Content Type

- application/json

Responses

Table 568. http response codes

Code	Message	Datatype
200	OK	GetSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Samples

GET /savingsaccounts/{savingsAccountId}/charges/template

Operation Id

retrieveTemplate17

Retrieve Savings Charges Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: savingsaccounts/1/charges/template

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	

Return Type

GetSavingsAccountsSavingsAccountIdChargesTemplateResponse

Content Type

- application/json

Responses

Table 569. http response codes

Code	Message	Datatype
200	OK	<i>GetSavingsAccountsSavingsAccountIdChargesTemplateResponse</i>

Samples

PUT /savingsaccounts/{savingsAccountId}/charges/{savingsAccountChargeId}

Operation Id

updateSavingsAccountCharge

Update a Savings account Charge

Description

Currently Savings account Charges may be updated only if the Savings account is not yet approved.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
savingsAccountId	savingsAccountId	X	null	
savingsAccountChargeId	savingsAccountChargeId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest	PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest	X		

Return Type

[PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse](#)

Content Type

- application/json

Responses

Table 570. http response codes

Code	Message	Datatype
200	OK	PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Samples

SavingsProduct

POST /savingsproducts

Operation Id

create13

Create a Savings Product

Description

Creates a Savings Product Mandatory Fields: name, shortName, description, currencyCode, digitsAfterDecimal,inMultiplesOf, nominalAnnualInterestRate, interestCompoundingPeriodType, interestCalculationType, interestCalculationDaysInYearType,accountingRule Mandatory Fields for Cash based accounting (accountingRule = 2): savingsReferenceAccountId, savingsControlAccountId, interestOnSavingsAccountId, incomeFromFeeAccountId, transfersInSuspenseAccountId, incomeFromPenaltyAccountId Optional Fields: minRequiredOpeningBalance, lockinPeriodFrequency, lockinPeriodFrequencyType, withdrawalFeeForTransfers, paymentChannelToFundSourceMappings,

feeToIncomeAccountMappings, penaltyToIncomeAccountMappings, charges, allowOverdraft, overdraftLimit, minBalanceForInterestCalculation,withHoldTax,taxGroupId,accountMapping, lienAllowed, maxAllowedLienLimit

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostSavingsProductsRequest	PostSavingsProductsRequest	X		

Return Type

[PostSavingsProductsResponse](#)

Content Type

- application/json

Responses

Table 571. http response codes

Code	Message	Datatype
200	OK	PostSavingsProductsResponse

Samples

DELETE /savingsproducts/{productId}

Operation Id

delete19

Delete a Savings Product

Description

Deletes a Savings Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[DeleteSavingsProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 572. http response codes

Code	Message	Datatype
200	OK	DeleteSavingsProductsProductIdResponse

Samples

GET /savingsproducts

Operation Id

retrieveAll34

List Savings Products

Description

Lists Savings Products Example Requests: savingsproducts savingsproducts?fields=name

Parameters

Return Type

array[[GetSavingsProductsResponse](#)]

Content Type

- application/json

Responses

Table 573. http response codes

Code	Message	Datatype
200	OK	List[GetSavingsProductsResponse]

Samples

GET /savingsproducts/{productId}

Operation Id

retrieveOne25

Retrieve a Savings Product

Description

Retrieves a Savings Product Example Requests: savingsproducts/1 savingsproducts/1?template=true savingsproducts/1?fields=name,description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Return Type

[GetSavingsProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 574. http response codes

Code	Message	Datatype
200	OK	GetSavingsProductsProductIdResponse

Samples

GET /savingsproducts/template

Operation Id

retrieveTemplate19

Retrieve Savings Product Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: Account Mapping: savingsproducts/template

Parameters

Return Type

[*GetSavingsProductsTemplateResponse*](#)

Content Type

- application/json

Responses

Table 575. http response codes

Code	Message	Datatype
200	OK	<i>GetSavingsProductsTemplateResponse</i>

Samples

PUT /savingsproducts/{productId}

Operation Id

update20

Update a Savings Product

Description

Updates a Savings Product

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId	productId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutSavingsProductsProductIdRequest	PutSavingsProductsProductIdRequest	X		

Return Type

[PutSavingsProductsProductIdResponse](#)

Content Type

- application/json

Responses

Table 576. http response codes

Code	Message	Datatype
200	OK	PutSavingsProductsProductIdResponse

Samples

Scheduler

POST /scheduler

Operation Id

changeSchedulerStatus

Activate Scheduler Jobs | Suspend Scheduler Jobs

Description

Activates the scheduler job service. | Suspends the scheduler job service.

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

-

Responses

Table 577. http response codes

Code	Message	Datatype
200	POST : scheduler?command==start POST : scheduler?command==stop	<<>>

Samples

GET /scheduler

Operation Id

retrieveStatus

Retrieve Scheduler Status

Description

Returns the scheduler status. Example Requests: scheduler

Parameters

Return Type

[GetSchedulerResponse](#)

Content Type

- application/json

Responses

Table 578. http response codes

Code	Message	Datatype
200	OK	GetSchedulerResponse

Samples

ScoreCard

POST /surveys/scorecards/{surveyId}

Operation Id

createScorecard1

Create a Scorecard entry

Description

Add a new entry to a survey. Mandatory Fields clientId, createdOn, questionId, responseId, staffId

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
ScorecardData	scorecardData ScorecardData	-		

Return Type

-

Responses

Table 579. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

GET /surveys/scorecards/clients/{clientId}

Operation Id

findByClient1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

array[ScorecardData]

Content Type

- application/json

Responses

Table 580. http response codes

Code	Message	Datatype
0	default response	List[ScorecardData]

Samples

GET /surveys/scorecards/{surveyId}

Operation Id

findBySurvey

List all Scorecard entries

Description

List all Scorecard entries for a survey.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	

Return Type

array[Scorecard]

Content Type

- application/json

Responses

Table 581. http response codes

Code	Message	Datatype
200	OK	List[Scorecard]

Samples

GET /surveys/scorecards/{surveyId}/clients/{clientId}

Operation Id

findBySurveyAndClient

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId	Enter surveyId	X	null	
clientId	Enter clientId	X	null	

Return Type

array[[ScorecardData](#)]

Content Type

- application/json

Responses

Table 582. http response codes

Code	Message	Datatype
0	default response	List[ScorecardData]

Samples

SearchAPI

POST /search/advance

Operation Id

advancedSearch

Adhoc query search

Description

AdHocQuery search has more search options, it is a POST request, it uses request body to send search parameters
Mandatory fields:entities
Optional fields:loanStatus, loanProducts, offices, loanDateOption, loanFromDate, loanToDate, includeOutStandingAmountPercentage, outStandingAmountPercentageCondition, minOutStandingAmountPercentage and maxOutStandingAmountPercentage
OR outStandingAmountPercentage, includeOutstandingAmount, outstandingAmountCondition, minOutstandingAmount and maxOutstandingAmount
OR outstandingAmount

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostAdhocQuerySearch Request	PostAdhocQuerySearchRequest	X		

Return Type

array[[PostAdhocQuerySearchResponse](#)]

Content Type

- application/json

Responses

Table 583. http response codes

Code	Message	Datatype
200	OK	List[PostAdhocQuerySearchResponse]

Samples

GET /search/template

Operation Id

retrieveAdHocSearchQueryTemplate

Retrive Adhoc Search query template

Description

Mandatory Fields search?query=000000001

Parameters

Return Type

[GetSearchResponse](#)

Content Type

- application/json

Responses

Table 584. http response codes

Code	Message	Datatype
200	OK	GetSearchResponse

Samples

GET /search

Operation Id

searchData

Search Resources

Description

Example Requests: search?query=000000001 search?query=Petra&resource=clients,groups
search?query=Petra&resource=clients,groups&exactMatch=true

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
query	query	-	null	
resource	resource	-	null	
exactMatch	exactMatch	-	false	

Return Type

array[[GetSearchResponse](#)]

Content Type

- application/json

Responses

Table 585. http response codes

Code	Message	Datatype
200	OK	List[GetSearchResponse]

Samples

SelfAccountTransfer

POST /self/accounttransfers

Operation Id

create14

Create new Transfer

Description

Ability to create new transfer of monetary funds from one account to another. Example Requests: self/accounttransfers/

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
type		-		

Return Type

array[[PostNewTransferResponse](#)]

Content Type

- application/json

Responses

Table 586. http response codes

Code	Message	Datatype
200	OK	List[PostNewTransferResponse]

Samples

GET /self/accounttransfers/template

Operation Id

template15

Retrieve Account Transfer Template

Description

Returns list of loan/savings accounts that can be used for account transfer Example Requests: self/accounttransfers/template

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
type		-		

Return Type

array[[GetAccountTransferTemplateResponse](#)]

Content Type

- application/json

Responses

Table 587. http response codes

Code	Message	Datatype
200	OK	List[GetAccountTransferTemplateResponse]

Samples

SelfAuthentication

POST /self/authentication

Operation Id

authenticate1

Verify authentication

Description

Authenticates the credentials provided and returns the set roles and permissions allowed. Please visit this link for more info - fineract.apache.org/legacy-docs/apiLive.htm#selfbasicauth

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[PostSelfAuthenticationResponse](#)

Content Type

- application/json

Responses

Table 588. http response codes

Code	Message	Datatype
200	OK	PostSelfAuthenticationResponse

Samples

SelfClient

POST /self/clients/{clientId}/images

Operation Id

addNewClientImage2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Header Parameters

Name	Description	Required	Default	Pattern
Content-Length		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 589. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /self/clients/{clientId}/images

Operation Id

deleteClientImage1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 590. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/clients

Operation Id

retrieveAll36

List Clients associated to the user

Description

The list capability of clients can support pagination and sorting. Example Requests: self/clients
self/clients?fields=displayName,officeName
self/clients?offset=10&limit=50
self/clients?orderBy=displayName&sortOrder=DESC

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
displayName	displayName	-	null	
firstName	firstName	-	null	
lastName	lastName	-	null	

Name	Description	Required	Default	Pattern
offset	offset	-	null	
status	status	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

[*GetSelfClientsResponse*](#)

Content Type

- application/json

Responses

Table 591. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfClientsResponse</i>

Samples

GET /self/clients/{clientId}/charges

Operation Id

retrieveAllClientCharges1

List Client Charges

Description

The list capability of client charges supports pagination. Example Requests: self/clients/1/charges
self/clients/1/charges?offset=0&limit=5

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
chargeStatus	chargeStatus	-	all	
pendingPayment	pendingPayment	-	null	
limit	limit	-	null	
offset	offset	-	null	

Return Type

[*GetSelfClientsClientIdChargesResponse*](#)

Content Type

- application/json

Responses

Table 592. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfClientsClientIdChargesResponse</i>

Samples

GET /self/clients/{clientId}/transactions

Operation Id

retrieveAllClientTransactions1

List Client Transactions

Description

The list capability of client transaction can support pagination. Example Requests:
self/clients/189/transactions self/clients/189/transactions?offset=10&limit=50

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	

Return Type

[GetSelfClientsClientIdTransactionsResponse](#)

Content Type

- application/json

Responses

Table 593. http response codes

Code	Message	Datatype
200	OK	GetSelfClientsClientIdTransactionsResponse

Samples

GET /self/clients/{clientId}/accounts

Operation Id

retrieveAssociatedAccounts1

Retrieve client accounts overview

Description

An example of how a loan portfolio summary can be provided. This is requested in a specific use case of the community application. It is quite reasonable to add resources like this to simplify User Interface development.

Example

Requests:

self/clients/1/accounts

self/clients/1/accounts?fields=loanAccounts,savingsAccounts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

[*GetSelfClientsClientIdAccountsResponse*](#)

Content Type

- application/json

Responses

Table 594. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfClientsClientIdAccountsResponse</i>

Samples

GET /self/clients/{clientId}/charges/{chargeId}

Operation Id

retrieveClientCharge1

Retrieve a Client Charge

Description

Retrieves a Client Charge Example Requests: self/clients/1/charges/1
self/clients/1/charges/1?fields=name,id

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
chargeId	chargeId	X	null	

Return Type

[*GetSelfClientsClientIdChargesChargeIdResponse*](#)

Content Type

- application/json

Responses

Table 595. http response codes

Code	Message	Datatype
200	OK	GetSelfClientsClientIdChargesChargeIdResponse

Samples

GET /self/clients/{clientId}/transactions/{transactionId}

Operation Id

retrieveClientTransaction1

Retrieve a Client Transaction

Description

Retrieves a Client TransactionExample Requests: self/clients/1/transactions/1
self/clients/1/transactions/1?fields=id,officeName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	
transactionId	transactionId	X	null	

Return Type

[GetSelfClientsClientIdTransactionsTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 596. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfClientsClientIdTransactionsTransactionIdResponse</i>

Samples

GET /self/clients/{clientId}/images

Operation Id

retrieveImage1

Retrieve Client Image

Description

Optional arguments are identical to those of Get Image associated with an Entity (Binary file) Example Requests: self/clients/1/images

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
maxWidth		-	null	
maxHeight		-	null	
output		-	null	

Return Type

-

Responses

Table 597. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

GET /self/clients/{clientId}/obligeedetails

Operation Id

retrieveObligeeDetails1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 598. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/clients/{clientId}

Operation Id

retrieveOne26

Retrieve a Client

Description

Retrieves a Client Example Requests: self/clients/1 self/clients/1?fields=id,displayName,officeName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	X	null	

Return Type

[GetSelfClientsClientIdResponse](#)

Content Type

- application/json

Responses

Table 599. http response codes

Code	Message	Datatype
200	OK	GetSelfClientsClientIdResponse

Samples

SelfDividend

POST /shareproduct/{productId}/dividend

Operation Id

createDividendDetail

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 600. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

DELETE /shareproduct/{productId}/dividend/{dividendId}

Operation Id

deleteDividendDetail

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	
dividendId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 601. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /shareproduct/{productId}/dividend

Operation Id

retrieveAll39

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	
status		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 602. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /shareproduct/{productId}/dividend/{dividendId}

Operation Id

retrieveDividendDetails

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
dividendId		X	null	
productId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset		-	null	
limit		-	null	
orderBy		-	null	
sortOrder		-	null	
accountNo		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 603. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /shareproduct/{productId}/dividend/{dividendId}

Operation Id

updateDividendDetail

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	
dividendId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 604. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfLoanProducts

GET /self/loanproducts

Operation Id

retrieveAllLoanProducts1

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 605. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/loanproducts/{productId}

Operation Id

retrieveLoanProductDetails1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 606. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfLoans

POST /self/loans

Operation Id

calculateLoanScheduleOrSubmitLoanApplication1

Calculate Loan Repayment Schedule | Submit a new Loan Application

Description

Calculate Loan Repayment Schedule: Calculates Loan Repayment Schedule Mandatory Fields: productId, principal, loanTermFrequency, loanTermFrequencyType, numberOfRepayments, repaymentEvery, repaymentFrequencyType, interestRatePerPeriod, amortizationType, interestType, interestCalculationPeriodType, expectedDisbursementDate, transactionProcessingStrategyId Submit a new Loan Application: Mandatory Fields: clientId, productId, principal, loanTermFrequency, loanTermFrequencyType, loanType, numberOfRepayments, repaymentEvery, repaymentFrequencyType, interestRatePerPeriod, amortizationType, interestType, interestCalculationPeriodType, transactionProcessingStrategyId, expectedDisbursementDate, submittedOnDate, loanType Additional Mandatory Fields if interest recalculation is enabled for product and Rest frequency not same as repayment period: recalculationRestFrequencyDate Additional Mandatory Fields if interest recalculation with interest/fee compounding is enabled for product and compounding frequency not same as repayment period: recalculationCompoundingFrequencyDate Additional Mandatory Field if Entity-Datatable Check is enabled for the entity of type loan: datatables Optional Fields: graceOnPrincipalPayment, graceOnInterestPayment, graceOnInterestCharged, linkAccountId, allowPartialPeriodInterestCalcualtion, fixedEmiAmount, maxOutstandingLoanBalance, disbursementData, graceOnArrearsAgeing, createStandingInstructionAtDisbursement (requires linkedAccountId if set to true) Showing request/response for 'Submit a new Loan Application'

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostSelfLoansRequest	PostSelfLoansRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostSelfLoansResponse](#)

Content Type

- application/json

Responses

Table 607. http response codes

Code	Message	Datatype
200	OK	PostSelfLoansResponse

Samples

PUT /self/loans/{loanId}

Operation Id

modifyLoanApplication1

Update a Loan Application

Description

Loan application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutSelfLoansLoanIdRequest	PutSelfLoansLoanIdRequest	X		

Return Type

[PutSelfLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 608. http response codes

Code	Message	Datatype
200	OK	PutSelfLoansLoanIdResponse

Samples

GET /self/loans/{loanId}/charges

Operation Id

retrieveAllLoanCharges1

List Loan Charges

Description

Lists loan Charges Example
self/loans/1/charges?fields=name,amountOrPercentage

Requests: self/loans/1/charges

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

array[[GetSelfLoansLoanIdChargesResponse](#)]

Content Type

- application/json

Responses

Table 609. http response codes

Code	Message	Datatype
200	OK	List[GetSelfLoansLoanIdChargesResponse]

Samples

GET /self/loans/{loanId}/guarantors

Operation Id

retrieveGuarantorDetails2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId		X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 610. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/loans/{loanId}

Operation Id

retrieveLoan1

Retrieve a Loan

Description

Retrieves a Loan Example Requests: self/loans/1 self/loans/1?fields=id,principal,annualInterestRate
self/loans/1?fields=id,principal,annualInterestRate&associations=repaymentSchedule,transactions

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Return Type

[GetSelfLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 611. http response codes

Code	Message	Datatype
200	OK	GetSelfLoansLoanIdResponse

Samples

GET /self/loans/{loanId}/charges/{chargeId}

Operation Id

retrieveLoanCharge1

Retrieve a Loan Charge

Description

Retrieves a Loan Charge Example Requests: self/loans/1/charges/1
self/loans/1/charges/1?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
chargeId	chargeId	X	null	

Return Type

[GetSelfLoansLoanIdChargesResponse](#)

Content Type

- application/json

Responses

Table 612. http response codes

Code	Message	Datatype
200	OK	GetSelfLoansLoanIdChargesResponse

Samples

GET /self/loans/{loanId}/transactions/{transactionId}

Operation Id

retrieveTransaction1

Retrieve a Loan Transaction Details

Description

Retrieves a Loan Transaction DetailsExample Request: self/loans/5/transactions/3

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	
transactionId	transactionId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
fields	Optional Loan Transaction attribute list to be in the response	-	null	

Return Type

[*GetSelfLoansLoanIdTransactionsTransactionIdResponse*](#)

Content Type

- application/json

Responses

Table 613. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfLoansLoanIdTransactionsTransactionIdResponse</i>

Samples

POST /self/loans/{loanId}

Operation Id

stateTransitions1

Applicant Withdraws from Loan Application

Description

Applicant Withdraws from Loan Application Mandatory Fields: withdrawnOnDate

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
loanId	loanId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSelfLoansLoanIdRequest	PostSelfLoansLoanIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostSelfLoansLoanIdResponse](#)

Content Type

- application/json

Responses

Table 614. http response codes

Code	Message	Datatype
200	OK	PostSelfLoansLoanIdResponse

Samples

GET /self/loans/template

Operation Id

template17

Retrieve Loan Details Template

Description

Retrieves Loan Details Template This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Requests:

self/loans/template?templateType=individual&clientId=1
self/loans/template?templateType=individual&clientId=1&productId=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	
productId	productId	-	null	
templateType	templateType	-	null	

Return Type

[GetSelfLoansTemplateResponse](#)

Content Type

- application/json

Responses

Table 615. http response codes

Code	Message	Datatype
200	OK	GetSelfLoansTemplateResponse

Samples

SelfRunReport

GET /self/runreports/{reportName}

Operation Id

runReport1

Running A Report

Description

Example Requests: self/runreports/Client%20Details?R_officeId=1
self/runreports/Client%20Details?R_officeId=1&exportCSV=true

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
reportName	reportName	X	null	

Return Type

[*GetRunReportResponse*](#)

Content Type

- application/json
- application/pdf
- application/vnd.ms-excel
- text/csv
- text/html

Responses

Table 616. http response codes

Code	Message	Datatype
200	OK	<i>GetRunReportResponse</i>

Samples

SelfSavingsAccount

PUT /self/savingsaccounts/{accountId}

Operation Id

modifySavingsAccountApplication

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 617. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/savingsaccounts/{accountId}/charges

Operation Id

retrieveAllSavingsAccountCharges1

List Savings Charges

Description

Lists Savings Charges Example Requests: self/savingsaccounts/1/charges
self/savingsaccounts/1/charges?chargeStatus=inactive
self/savingsaccounts/1/charges?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
chargeStatus	chargeStatus	-	all	

Return Type

array[[GetSelfSavingsAccountsAccountIdChargesResponse](#)]

Content Type

- application/json

Responses

Table 618. http response codes

Code	Message	Datatype
200	OK	List[GetSelfSavingsAccountsAccountIdChargesResponse]

Samples

GET /self/savingsaccounts/{accountId}

Operation Id

retrieveSavings

Retrieve a savings account

Description

Retrieves a savings account Example Requests : self/savingsaccounts/1
self/savingsaccounts/1?associations=transactions

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
chargeStatus	chargeStatus	-	all	

Return Type

[*GetSelfSavingsAccountsResponse*](#)

Content Type

- application/json

Responses

Table 619. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfSavingsAccountsResponse</i>

Samples

GET /self/savingsaccounts/{accountId}/charges/{savingsAccountChargeId}

Operation Id

retrieveSavingsAccountCharge1

Retrieve a Savings account Charge

Description

Retrieves a Savings account Charge Example Requests: self/savingsaccounts/1/charges/5
self/savingsaccounts/1/charges/5?fields=name,amountOrPercentage

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	
savingsAccountChargeId	savingsAccountChargeId	X	null	

Return Type

[*GetSelfSavingsAccountsAccountIdChargesSavingsAccountChargeIdResponse*](#)

Content Type

- application/json

Responses

Table 620. http response codes

Code	Message	Datatype
200	OK	GetSelfSavingsAccountsAccountIdChargesSavingsAccountChargeIdResponse

Samples

GET /self/savingsaccounts/{accountId}/transactions/{transactionId}

Operation Id

retrieveSavingsTransaction

Retrieve Savings Account Transaction

Description

Retrieves Savings Account Transaction Example Requests: self/savingsaccounts/1/transactions/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	
transactionId	transactionId	X	null	

Return Type

[GetSelfSavingsAccountsAccountIdTransactionsTransactionIdResponse](#)

Content Type

- application/json

Responses

Table 621. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfSavingsAccountsAccount IdTransactionsTransactionIdResponse</i>

Samples

POST /self/savingsaccounts

Operation Id

submitSavingsAccountApplication

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 622. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/savingsaccounts/template

Operation Id

template18

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	
productId		-	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 623. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfSavingsProducts

GET /self/savingsproducts

Operation Id

retrieveAll38

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 624. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/savingsproducts/{productId}

Operation Id

retrieveOne27

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 625. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfScoreCard

POST /self/surveys/scorecards/{surveyId}

Operation Id

createScorecard

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
ScorecardData	<i>ScorecardData</i>	-		

Return Type

-

Content Type

- application/json

Responses

Table 626. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

GET /self/surveys/scorecards/clients/{clientId}

Operation Id

findByClient

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
clientId		X	null	

Return Type

array[[ScorecardData](#)]

Content Type

- application/json

Responses

Table 627. http response codes

Code	Message	Datatype
0	default response	List[ScorecardData]

Samples

SelfServiceRegistration

POST /self/registration

Operation Id

createSelfServiceRegistrationRequest

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 628. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /self/registration/user

Operation Id

createSelfServiceUser

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 629. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfShareAccounts

POST /self/shareaccounts

Operation Id

createAccount1

Submit new share application

Description

Mandatory fields: clientId, productId, submittedDate, savingsAccountId, requestedShares, applicationDate
Optional Fields accountNo, externalId Inherited from Product (if not provided)
minimumActivePeriod, minimumActivePeriodFrequencyType, lockinPeriodFrequency, lockinPeriodFrequencyType.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

array[[PostNewShareApplicationResponse](#)]

Content Type

- application/json

Responses

Table 630. http response codes

Code	Message	Datatype
200	OK	List[PostNewShareApplicationResponse]

Samples

GET /self/shareaccounts/{accountId}

Operation Id

retrieveShareAccount

Retrieve a share application/account

Description

Example Requests: self/shareaccounts/12

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 631. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/shareaccounts/template

Operation Id

template19

Retrieve Share Account Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Arguments clientId:Integer mandatory productId:Integer optionalIf entered, productId, productName and selectedProduct fields are returned. Example Requests: self/shareaccounts/template?clientId=14 self/shareaccounts/template?clientId=14&productId=3

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	
productId		-	null	

Return Type

array[[GetShareAccountsClientIdProductIdResponse](#)]

Content Type

- application/json

Responses

Table 632. http response codes

Code	Message	Datatype
200	OK	List[GetShareAccountsClientIdProductIdResponse]

Samples

SelfShareProducts

GET /self/products/share

Operation Id

retrieveAllProducts1

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	
offset		-	null	
limit		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 633. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /self/products/share/{productId}

Operation Id

retrieveProduct1

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
productId		X	null	
type		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
clientId		-	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 634. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

SelfSpm

GET /self/surveys

Operation Id

fetchAllSurveys

Description

Parameters

Return Type

array[[SurveyData](#)]

Content Type

- application/json

Responses

Table 635. http response codes

Code	Message	Datatype
0	default response	List[SurveyData]

Samples

SelfThirdPartyTransfer

POST /self/beneficiaries/tpt

Operation Id

add

Add TPT Beneficiary

Description

Api to add third party beneficiary linked to current user. Parameter Definitions name : Nick name for beneficiary, should be unique for an self service user officeName : Office Name of beneficiary(not id) accountNumber : Account Number of beneficiary(not id) transferLimit : Each transfer initiated to this account will not exceed this amount Example Requests: /self/beneficiaries/tpt Mandatory Fields: name, officeName, accountNumber, accountType Optional Fields: transferLimit

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostSelfBeneficiariesTPT Request	PostSelfBeneficiariesTPTRequest	X		

Return Type

[PostSelfBeneficiariesTPTResponse](#)

Content Type

- application/json

Responses

Table 636. http response codes

Code	Message	Datatype
200	OK	PostSelfBeneficiariesTPTResponse

Samples

DELETE /self/beneficiaries/tpt/{beneficiaryId}

Operation Id

delete20

Delete TPT Beneficiary

Description

Api to delete third party beneficiary linked to current user. Example Requests: /self/beneficiaries/tpt/{beneficiaryId}

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
beneficiaryId		X	null	

Return Type

[*DeleteSelfBeneficiariesTPTBeneficiaryIdResponse*](#)

Content Type

- application/json

Responses

Table 637. http response codes

Code	Message	Datatype
200	OK	<i>DeleteSelfBeneficiariesTPTBeneficiaryIdResponse</i>

Samples

GET /self/beneficiaries/tpt

Operation Id

retrieveAll35

Get All TPT Beneficiary

Description

Api to get all third party beneficiary linked to current user. Example Requests: /self/beneficiaries/tpt

Parameters

Return Type

array[[GetSelfBeneficiariesTPTResponse](#)]

Content Type

- application/json

Responses

Table 638. http response codes

Code	Message	Datatype
200	OK	List[GetSelfBeneficiariesTPTResponse]

Samples

GET /self/beneficiaries/tpt/template

Operation Id

template16

Beneficiary Third Party Transfer Template

Description

Returns Account Type enumerations. Self User is expected to know office name and account number to be able to add beneficiary. Example Requests: /self/beneficiaries/tpt/template

Parameters

Return Type

[GetSelfBeneficiariesTPPTemplateResponse](#)

Content Type

- application/json

Responses

Table 639. http response codes

Code	Message	Datatype
200	OK	<i>GetSelfBeneficiariesTPTTemplateResponse</i>

Samples

PUT /self/beneficiaries/tpt/{beneficiaryId}

Operation Id

update21

Update TPT Beneficiary

Description

Api to update third party beneficiary linked to current user. Example Requests: /self/beneficiaries/tpt/{beneficiaryId} Optional Fields: name, transferLimit

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
beneficiaryId	beneficiaryId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutSelfBeneficiariesTPTBeneficiaryIdRequest	<i>PutSelfBeneficiariesTPTBeneficiaryIdRequest</i>	X		

Return Type

PutSelfBeneficiariesTPTBeneficiaryIdResponse

Content Type

- application/json

Responses

Table 640. http response codes

Code	Message	Datatype
200	OK	<i>PutSelfBeneficiariesTPTBeneficiaryIdResponse</i>

Samples

SelfUser

PUT /self/user

Operation Id

update22

Update User

Description

This API can be used by Self Service user to update their own user information. Currently, \"password\" and \"repeatPassword\" are the only parameters accepted.

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutSelfUserRequest	<i>PutSelfUserRequest</i>	X		

Return Type

PutSelfUserResponse

Content Type

- /

Responses

Table 641. http response codes

Code	Message	Datatype
200	OK	<i>PutSelfUserResponse</i>

Samples

SelfUserDetails

GET /self/userdetails

Operation Id

fetchAuthenticatedUserData1

Fetch authenticated user details

Description

Checks the Authentication and returns the set roles and permissions allowed For more info visit this link - fineract.apache.org/legacy-docs/apiLive.htm#selfoauth

Parameters

Return Type

[GetSelfUserDetailsResponse](#)

Content Type

- application/json

Responses

Table 642. http response codes

Code	Message	Datatype
200	OK	GetSelfUserDetailsResponse

Samples

ShareAccount

POST /accounts/{type}

Operation Id

createAccount

Submit new share application

Description

Submits new share application Mandatory Fields: clientId, productId, submittedDate, savingsAccountId, requestedShares, applicationDate Optional Fields: accountNo, externalId Inherited from Product (if not provided): minimumActivePeriod, minimumActivePeriodFrequencyType,

lockinPeriodFrequency, lockinPeriodFrequencyType

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountsTypeRequest	PostAccountsTypeRequest	X		

Return Type

[PostAccountsTypeResponse](#)

Content Type

- application/json

Responses

Table 643. http response codes

Code	Message	Datatype
200	OK	PostAccountsTypeResponse

Samples

GET /accounts/{type}/downloadtemplate

Operation Id

getSharedAccountsTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 644. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /accounts/{type}/{accountId}

Operation Id

handleCommands2

Approve share application | Undo approval share application | Reject share application | Activate a share account | Close a share account | Apply additional shares on a share account | Approve additional shares request on a share account | Reject additional shares request on a share account | Redeem shares on a share account

Description

Approve share application: Approves share application so long as its in 'Submitted and pending approval' state. Undo approval share application: Will move 'approved' share application back to 'Submitted and pending approval' state. Reject share application: Rejects share application so long as its in 'Submitted and pending approval' state. Activate a share account: Results in an approved share application being converted into an 'active' share account. Close a share account: Results in an Activated share application being converted into an 'closed' share account. closedDate is closure date of share account Mandatory Fields: dateFormat,locale,closedDate Apply additional shares on a share account: requestedDate is requested date of share purchase requestedShares is number of shares to be purchase Mandatory Fields: dateFormat,locale,requestedDate, requestedShares Approve additional shares request on a share account requestedShares is Share purchase transaction ids Mandatory Fields: requestedShares Reject additional shares request on a share account: requestedShares is Share

purchase transaction ids Mandatory Fields: requestedShares Redeem shares on a share account: Results redeem some/all shares from share account. requestedDate is requested date of shares redeem requestedShares is number of shares to be redeemed Mandatory Fields: dateFormat,locale,requestDate,requestDate,requestDate,requestDate Showing request/response for 'Reject additional shares request on a share account' For more info visit this link - fineract.apache.org/legacy-docs/apiLive.htm#shareaccounts

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostAccountsTypeAccountIdRequest	PostAccountsTypeAccountIdRequest	X		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PostAccountsTypeAccountIdResponse](#)

Content Type

- application/json

Responses

Table 645. http response codes

Code	Message	Datatype
200	OK	PostAccountsTypeAccountIdResponse

Samples

POST /accounts/{type}/uploadtemplate

Operation Id

postSharedAccountsTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 646. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /accounts/{type}/{accountId}

Operation Id

retrieveAccount

Retrieve a share application/account

Description

Retrieves a share application/account Example Requests : shareaccount/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
accountId	accountId	X	null	
type	type	X	null	

Return Type

[*GetAccountsTypeAccountIdResponse*](#)

Content Type

- application/json

Responses

Table 647. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountsTypeAccountIdResponse</i>

Samples

GET /accounts/{type}

Operation Id

retrieveAllAccounts1

List share applications/accounts

Description

Lists share applications/accounts Example Requests: shareaccount

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
offset	offset	-	null	
limit	limit	-	null	

Return Type

[*GetAccountsTypeResponse*](#)

Content Type

- application/json

Responses

Table 648. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountsTypeResponse</i>

Samples

GET /accounts/{type}/template

Operation Id

template7

Retrieve Share Account Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Requests: accounts/share/template?clientId=1
accounts/share/template?clientId=1&productId=1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
clientId	clientId	-	null	
productId	productId	-	null	

Return Type

[*GetAccountsTypeTemplateResponse*](#)

Content Type

- application/json

Responses

Table 649. http response codes

Code	Message	Datatype
200	OK	<i>GetAccountsTypeTemplateResponse</i>

Samples

PUT /accounts/{type}/{accountId}

Operation Id

updateAccount

Modify a share application

Description

Share application can only be modified when in 'Submitted and pending approval' state. Once the application is approved, the details cannot be changed using this method. Specific api endpoints will be created to allow change of interest detail such as rate, compounding period, posting period etc

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
type	type	X	null	
accountId	accountId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutAccountsTypeAccountIdRequest	PutAccountsTypeAccountIdRequest	X		

Return Type

[PutAccountsTypeAccountIdResponse](#)

Content Type

- application/json

Responses

Table 650. http response codes

Code	Message	Datatype
200	OK	PutAccountsTypeAccountIdResponse

Samples

SpmSurveys

POST /surveys/{id}

Operation Id

activateOrDeactivateSurvey

Deactivate Survey

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id		X	null	

Query Parameters

Name	Description	Required	Default	Pattern
command		-	null	

Return Type

-

Responses

Table 651. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

POST /surveys

Operation Id

createSurvey

Create a Survey

Description

Adds a new survey to collect client related data. Mandatory Fields countryCode, key, name, questions, responses, sequenceNo, text, description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
SurveyData	Create survey SurveyData	-		

Return Type

-

Responses

Table 652. http response codes

Code	Message	Datatype
200	OK	<<>>

Samples

PUT /surveys/{id}

Operation Id

editSurvey

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
SurveyData	SurveyData	-		

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 653. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /surveys

Operation Id

fetchAllSurveys1

List all Surveys

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
isActive		-	null	

Return Type

array[[SurveyData](#)]

Content Type

- application/json

Responses

Table 654. http response codes

Code	Message	Datatype
200	OK	List[SurveyData]

Samples

GET /surveys/{id}

Operation Id

findSurvey

Retrieve a Survey

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
id	Enter id	X	null	

Return Type

SurveyData

Content Type

- application/json

Responses

Table 655. http response codes

Code	Message	Datatype
200	OK	<i>SurveyData</i>

Samples

Staff

POST /staff

Operation Id

create3

Create a staff member

Description

Creates a staff member. Mandatory Fields: officeId, firstname, lastname Optional Fields: isLoanOfficer, isActive

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostStaffRequest	<i>PostStaffRequest</i>	X		

Return Type

CreateStaffResponse

Content Type

- application/json

Responses

Table 656. http response codes

Code	Message	Datatype
200	OK	CreateStaffResponse

Samples

GET /staff/downloadtemplate

Operation Id

getTemplate1

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 657. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /staff/uploadtemplate

Operation Id

postTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

• /

Responses

Table 658. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /staff

Operation Id

retrieveAll16

Retrieve Staff

Description

Returns the list of staff members. Example Requests: staff Retrieve a Staff by status Returns the details of a Staff based on status. By default it Returns all the ACTIVE Staff. If status=INACTIVE, then it returns all INACTIVE Staff. and for status=ALL, it Returns both ACTIVE and INACTIVE Staff. Example Requests: staff?status=active

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	
staffInOfficeHierarchy	staffInOfficeHierarchy	-	false	
loanOfficersOnly	loanOfficersOnly	-	false	
status	status	-	active	

Return Type

array[[RetrieveOneResponse](#)]

Content Type

- application/json

Responses

Table 659. http response codes

Code	Message	Datatype
200	OK	List[RetrieveOneResponse]

Samples

GET /staff/{staffId}

Operation Id

retrieveOne8

Retrieve a Staff Member

Description

Returns the details of a Staff Member. Example Requests: staff/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
staffId	staffId	X	null	

Return Type

[RetrieveOneResponse](#)

Content Type

- application/json

Responses

Table 660. http response codes

Code	Message	Datatype
200	OK	RetrieveOneResponse

Samples

PUT /staff/{staffId}

Operation Id

update7

Update a Staff Member

Description

Updates the details of a staff member.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
staffId	staffId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutStaffRequest	PutStaffRequest	X		

Return Type

[UpdateStaffResponse](#)

Content Type

- application/json

Responses

Table 661. http response codes

Code	Message	Datatype
200	OK	UpdateStaffResponse

Samples

StandingInstructions

POST /standinginstructions

Operation Id

create5

Create new Standing Instruction

Description

Ability to create new instruction for transfer of monetary funds from one account to another

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostStandingInstructionsRequest	PostStandingInstructionsRequest	X		

Return Type

[PostStandingInstructionsResponse](#)

Content Type

- application/json

Responses

Table 662. http response codes

Code	Message	Datatype
200	OK	<i>PostStandingInstructionsResponse</i>

Samples

GET /standinginstructions

Operation Id

retrieveAll19

List Standing Instructions

Description

Example Requests: standinginstructions

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
transferType	transferType	-	null	
clientName	clientName	-	null	
clientId	clientId	-	null	
fromAccountId	fromAccountId	-	null	
fromAccountType	fromAccountType	-	null	

Return Type

GetStandingInstructionsResponse

Content Type

- application/json

Responses

Table 663. http response codes

Code	Message	Datatype
200	OK	GetStandingInstructionsResponse

Samples

GET /standinginstructions/{standingInstructionId}

Operation Id

retrieveOne10

Retrieve Standing Instruction

Description

Example Requests : standinginstructions/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
standingInstructionId	standingInstructionId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

[GetStandingInstructionsStandingInstructionIdResponse](#)

Content Type

- application/json

Responses

Table 664. http response codes

Code	Message	Datatype
200	OK	GetStandingInstructionsStandingInstructionIdResponse

Samples

GET /standinginstructions/template

Operation Id

template6

Retrieve Standing Instruction Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed Value Lists Example Requests: standinginstructions/template?fromAccountType=2&fromOfficeId=1 standinginstructions/template?fromAccountType=2&fromOfficeId=1&fromClientId=1&transferType=1 standinginstructions/template?fromClientId=1&fromAccountType=2&fromAccountId=1&transferType=1

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
fromOfficeId	fromOfficeId	-	null	
fromClientId	fromClientId	-	null	
fromAccountId	fromAccountId	-	null	
fromAccountType	fromAccountType	-	null	
toOfficeId	toOfficeId	-	null	
toClientId	toClientId	-	null	
toAccountId	toAccountId	-	null	

Name	Description	Required	Default	Pattern
toAccountType	toAccountType	-	null	
transferType	transferType	-	null	

Return Type

[GetStandingInstructionsTemplateResponse](#)

Content Type

- application/json

Responses

Table 665. http response codes

Code	Message	Datatype
200	OK	GetStandingInstructionsTemplateResponse

Samples

PUT /standinginstructions/{standingInstructionId}

Operation Id

update9

Update Standing Instruction | Delete Standing Instruction

Description

Ability to modify existing instruction for transfer of monetary funds from one account to another. PUT [DomainName/api/v1/standinginstructions/1?command=update](#) Ability to modify existing instruction for transfer of monetary funds from one account to another. PUT [DomainName/api/v1/standinginstructions/1?command=delete](#)

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
standingInstructionId	standingInstructionId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutStandingInstructionsStandingInstructionIdRequest	PutStandingInstructionsStandingInstructionIdRequest	-		

Query Parameters

Name	Description	Required	Default	Pattern
command	command	-	null	

Return Type

[PutStandingInstructionsStandingInstructionIdResponse](#)

Content Type

- application/json

Responses

Table 666. http response codes

Code	Message	Datatype
200	OK	PutStandingInstructionsStandingInstructionIdResponse

Samples

StandingInstructionsHistory

GET /standinginstructionrunhistory

Operation Id

retrieveAll20

Standing Instructions Logged History

Description

The list capability of history can support pagination and sorting Example Requests :
standinginstructionrunhistory standinginstructionrunhistory?orderBy=name&sortOrder=DESC
standinginstructionrunhistory?offset=10&limit=50

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
sqlSearch	sqlSearch	-	null	
externalId	externalId	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	
transferType	transferType	-	null	
clientName	clientName	-	null	
clientId	clientId	-	null	
fromAccountId	fromAccountId	-	null	
fromAccountType	fromAccountType	-	null	
locale	locale	-	null	
dateFormat	dateFormat	-	null	
fromDate	fromDate	-	null	
toDate	toDate	-	null	

Return Type

[*GetStandingInstructionRunHistoryResponse*](#)

Content Type

- application/json

Responses

Table 667. http response codes

Code	Message	Datatype
200	OK	<i>GetStandingInstructionRunHistoryResponse</i>

Samples

Survey

POST /survey/{surveyName}/{apptableId}

Operation Id

createDatatableEntry1

Create an entry in the survey table

Description

Insert and entry in a survey table (full fill the survey). Refer Link for sample Body: [fineract.apache.org/legacy-docs/apiLive.htm#survey_create]

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName	surveyName	X	null	
apptableId	apptableId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostSurveySurveyNameApptableIdRequest	PostSurveySurveyNameApptableIdRequest	X		

Return Type

[PostSurveySurveyNameApptableIdResponse](#)

Content Type

- application/json

Responses

Table 668. http response codes

Code	Message	Datatype
200	OK	PostSurveySurveyNameApptableIdResponse

Samples

DELETE /survey/{surveyName}/{clientId}/{fulfilledId}

Operation Id

deleteDatatableEntries2

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName		X	null	
clientId		X	null	
fulfilledId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 669. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /survey/{surveyName}/{clientId}

Operation Id

getClientSurveyOverview

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName		X	null	
clientId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 670. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /survey/{surveyName}/{clientId}/{entryId}

Operation Id

getSurveyEntry

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName		X	null	
clientId		X	null	
entryId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 671. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /survey/register/{surveyName}/{apptable}

Operation Id

register

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName		X	null	
apptable		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 672. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /survey/{surveyName}

Operation Id

retrieveSurvey

Retrieve survey

Description

Lists a registered survey table details and the Apache Fineract Core application table they are registered to.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
surveyName	surveyName	X	null	

Return Type

[GetSurveyResponse](#)

Content Type

- application/json

Responses

Table 673. http response codes

Code	Message	Datatype
200	OK	GetSurveyResponse

Samples

GET /survey

Operation Id

retrieveSurveys

Retrieve surveys

Description

Retrieve surveys. This allows to retrieve the list of survey tables registered .

Parameters

Return Type

array[[GetSurveyResponse](#)]

Content Type

- application/json

Responses

Table 674. http response codes

Code	Message	Datatype
200	OK	List[GetSurveyResponse]

Samples

TaxComponents

POST /taxes/component

Operation Id

createTaxCompoent

Create a new Tax Component

Description

Creates a new Tax Component Mandatory Fields: name, percentage Optional Fields: debitAccountType, debitAccountId, creditAccountType, creditAccountId, startDate

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostTaxesComponentsRequest	PostTaxesComponentsRequest	X		

Return Type

[PostTaxesComponentsResponse](#)

Content Type

- application/json

Responses

Table 675. http response codes

Code	Message	Datatype
200	OK	PostTaxesComponentsResponse

Samples

GET /taxes/component

Operation Id

retrieveAllTaxComponents

List Tax Components

Description

List Tax Components

Parameters

Return Type

array[[GetTaxesComponentsResponse](#)]

Content Type

- application/json

Responses

Table 676. http response codes

Code	Message	Datatype
200	OK	List[GetTaxesComponentsResponse]

Samples

GET /taxes/component/{taxComponentId}

Operation Id

retrieveTaxComponent

Retrieve Tax Component

Description

Retrieve Tax Component

Parameters**Path Parameters**

Name	Description	Required	Default	Pattern
taxComponentId	taxComponentId	X	null	

Return Type

[GetTaxesComponentsResponse](#)

Content Type

- application/json

Responses

Table 677. http response codes

Code	Message	Datatype
200	OK	GetTaxesComponentsResponse

Samples

GET /taxes/component/template

Operation Id

retrieveTemplate20

Description**Parameters****Return Type**

[String]

Content Type

- application/json

Responses

Table 678. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /taxes/component/{taxComponentId}

Operation Id

updateTaxCompoent

Update Tax Component

Description

Updates Tax component. Debit and credit account details cannot be modified. All the future tax components would be replaced with the new percentage.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
taxComponentId	taxComponentId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutTaxesComponentsTaxComponentIdRequest	PutTaxesComponentsTaxComponentIdRequest	X		

Return Type

[PutTaxesComponentsTaxComponentIdResponse](#)

Content Type

- application/json

Responses

Table 679. http response codes

Code	Message	Datatype
200	OK	PutTaxesComponentsTaxComponentIdResponse

Samples

TaxGroup

POST /taxes/group

Operation Id

createTaxGroup

Create a new Tax Group

Description

Create a new Tax Group Mandatory Fields: name and taxComponents Mandatory Fields in taxComponents: taxComponentId Optional Fields in taxComponents: id, startDate and endDate

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostTaxesGroupRequest	PostTaxesGroupRequest	X		

Return Type

[PostTaxesGroupResponse](#)

Content Type

- application/json

Responses

Table 680. http response codes

Code	Message	Datatype
200	OK	PostTaxesGroupResponse

Samples

GET /taxes/group

Operation Id

retrieveAllTaxGroups

List Tax Group

Description

List Tax Group

Parameters

Return Type

array[[GetTaxesGroupResponse](#)]

Content Type

- application/json

Responses

Table 681. http response codes

Code	Message	Datatype
200	OK	List[GetTaxesGroupResponse]

Samples

GET /taxes/group/{taxGroupId}

Operation Id

retrieveTaxGroup

Retrieve Tax Group

Description

Retrieve Tax Group

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
taxGroupId	taxGroupId	X	null	

Return Type

[GetTaxesGroupResponse](#)

Content Type

- application/json

Responses

Table 682. http response codes

Code	Message	Datatype
200	OK	GetTaxesGroupResponse

Samples

GET /taxes/group/template

Operation Id

retrieveTemplate21

Description

Parameters

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 683. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

PUT /taxes/group/{taxGroupId}

Operation Id

updateTaxGroup

Update Tax Group

Description

Updates Tax Group. Only end date can be up-datable and can insert new tax components.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
taxGroupId	taxGroupId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutTaxesGroupTaxGroup pIdRequest	<i>PutTaxesGroupTaxGroupIdRequest</i>	X		

Return Type

PutTaxesGroupTaxGroupIdResponse

Content Type

- application/json

Responses

Table 684. http response codes

Code	Message	Datatype
200	OK	<i>PutTaxesGroup TaxGroupIdRes ponse</i>

Samples

TellerCashManagement

POST /tellers/{tellerId}/cashiers/{cashierId}/allocate

Operation Id

allocateCashToCashier

Allocate Cash To Cashier

Description

Mandatory Fields: Date, Amount, Currency, Notes/Comments

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostTellersTellerIdCashiersCashierIdAllocateRequest	PostTellersTellerIdCashiersCashierIdAllocateRequest	X		

Return Type

[PostTellersTellerIdCashiersCashierIdAllocateResponse](#)

Content Type

- application/json

Responses

Table 685. http response codes

Code	Message	Datatype
200	OK	PostTellersTellerIdCashiersCashierIdAllocateResponse

Samples

POST /tellers/{tellerId}/cashiers

Operation Id

createCashier

Create Cashiers

Description

Mandatory Fields: Cashier/staff, Fromm Date, To Date, Full Day or From time and To time Optional Fields: Description/Notes

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostTellersTellerIdCashiersRequest	PostTellersTellerIdCashiersRequest	X		

Return Type

[PostTellersTellerIdCashiersResponse](#)

Content Type

- application/json

Responses

Table 686. http response codes

Code	Message	Datatype
200	OK	PostTellersTellerIdCashiersResponse

Samples

POST /tellers

Operation Id

createTeller

Create teller

Description

Mandatory Fields Teller name, OfficeId, Description, Start Date, Status Optional Fields End Date

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostTellersRequest	PostTellersRequest	X		

Return Type

[PostTellersResponse](#)

Content Type

- application/json

Responses

Table 687. http response codes

Code	Message	Datatype
200	OK	PostTellersResponse

Samples

DELETE /tellers/{tellerId}/cashiers/{cashierId}

Operation Id

deleteCashier

Delete Cashier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Return Type

[*DeleteTellersTellerIdCashiersCashierIdResponse*](#)

Content Type

- application/json

Responses

Table 688. http response codes

Code	Message	Datatype
200	OK	<i>DeleteTellersTellerIdCashiersCashierIdResponse</i>

Samples

DELETE /tellers/{tellerId}

Operation Id

deleteTeller

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Return Type

[\[String\]](#)

Content Type

- application/json

Responses

Table 689. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /tellers/{tellerId}/cashiers/{cashierId}

Operation Id

findCashierData

Retrieve a cashier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Return Type

[*GetTellersTellerIdCashiersCashierIdResponse*](#)

Content Type

- application/json

Responses

Table 690. http response codes

Code	Message	Datatype
200	OK	<i>GetTellersTellerIdCashiersCashierIdResponse</i>

Samples

GET /tellers/{tellerId}

Operation Id

findTeller

Retrieve tellers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Return Type

[GetTellersResponse](#)

Content Type

- application/json

Responses

Table 691. http response codes

Code	Message	Datatype
200	OK	GetTellersResponse

Samples

GET /tellers/{tellerId}/transactions/{transactionId}

Operation Id

findTransactionData

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Name	Description	Required	Default	Pattern
transactionId	transactionId	X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 692. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /tellers/{tellerId}/cashiers

Operation Id

getCashierData1

List Cashiers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
fromdate	fromdate	-	null	
todate	todate	-	null	

Return Type

GetTellersTellerIdCashiersResponse

Content Type

- application/json

Responses

Table 693. http response codes

Code	Message	Datatype
200	OK	GetTellersTellerIdCashiersResponse

Samples

GET /tellers/{tellerId}/cashiers/template

Operation Id

getCashierTemplate

Find Cashiers

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Return Type

[GetTellersTellerIdCashiersTemplateResponse](#)

Content Type

- application/json

Responses

Table 694. http response codes

Code	Message	Datatype
200	OK	GetTellersTellerIdCashiersTemplateResponse

Samples

GET /tellers/{tellerId}/cashiers/{cashierId}/transactions/template

Operation Id

getCashierTxnTemplate

Retrieve Cashier Transaction Template

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Return Type

GetTellersTellerIdCashiersCashiersIdTransactionsTemplateResponse

Content Type

- application/json

Responses

Table 695. http response codes

Code	Message	Datatype
200	OK	<i>GetTellersTellerIdCashiersCashiersIdTransactionsTemplateResponse</i>

Samples

GET /tellers/{tellerId}/journals

Operation Id

getJournalData

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
cashierId	cashierId	-	null	
dateRange	dateRange	-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 696. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /tellers

Operation Id

getTellerData

List all tellers

Description

Retrieves list tellers

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId	officeId	-	null	

Return Type

array[[GetTellersResponse](#)]

Content Type

- application/json

Responses

Table 697. http response codes

Code	Message	Datatype
200	OK	List[GetTellersResponse]

Samples

GET /tellers/{tellerId}/transactions

Operation Id

getTransactionData

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
dateRange	dateRange	-	null	

Return Type

[[String](#)]

Content Type

- application/json

Responses

Table 698. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /tellers/{tellerId}/cashiers/{cashierId}/transactions

Operation Id

getTransactionsForCashier

Retrieve Cashier Transaction

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
currencyCode	currencyCode	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

array[[GetTellersTellerIdCashiersCashiersIdTransactionsResponse](#)]

Content Type

- application/json

Responses

Table 699. http response codes

Code	Message	Datatype
200	OK	List[GetTellersTellerIdCashiersCashiersIdTransactionsResponse]

Samples

GET /tellers/{tellerId}/cashiers/{cashierId}/summaryandtransactions

Operation Id

getTransactionsWtihSummaryForCashier

Transactions Wtih Summary For Cashier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Query Parameters

Name	Description	Required	Default	Pattern
currencyCode	currencyCode	-	null	
offset	offset	-	null	
limit	limit	-	null	
orderBy	orderBy	-	null	
sortOrder	sortOrder	-	null	

Return Type

[*GetTellersTellerIdCashiersCashiersIdSummaryAndTransactionsResponse*](#)

Content Type

- application/json

Responses

Table 700. http response codes

Code	Message	Datatype
200	OK	<i>GetTellersTellerIdCashiersCashiersIdSummaryAndTransactionsResponse</i>

Samples

POST /tellers/{tellerId}/cashiers/{cashierId}/settle

Operation Id

settleCashFromCashier

Settle Cash From Cashier

Description

Mandatory Fields Date, Amount, Currency, Notes/Comments

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PostTellersTellerIdCashiersCashierIdSettleRequest	<i>PostTellersTellerIdCashiersCashierIdSettleRequest</i>	X		

Return Type

[PostTellersTellerIdCashiersCashierIdSettleResponse](#)

Content Type

- application/json

Responses

Table 701. http response codes

Code	Message	Datatype
200	OK	PostTellersTellerIdCashiersCashierIdSettleResponse

Samples

PUT /tellers/{tellerId}/cashiers/{cashierId}

Operation Id

updateCashier

Update Cashier

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	
cashierId	cashierId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutTellersTellerIdCashiersCashierIdRequest	PutTellersTellerIdCashiersCashierIdRequest	X		

Return Type

[PutTellersTellerIdCashiersCashierIdResponse](#)

Content Type

- application/json

Responses

Table 702. http response codes

Code	Message	Datatype
200	OK	PutTellersTellerIdCashiersCashierIdResponse

Samples

PUT /tellers/{tellerId}

Operation Id

updateTeller

Update teller

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
tellerId	tellerId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutTellersRequest	PutTellersRequest	X		

Return Type

[PutTellersResponse](#)

Content Type

- application/json

Responses

Table 703. http response codes

Code	Message	Datatype
200	OK	<i>PutTellersResponse</i>

Samples

TwoFactor

GET /twofactor

Operation Id

getOTPDeliveryMethods

Description

Parameters

Return Type

[String]

Content Type

- application/json

Responses

Table 704. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /twofactor

Operation Id

requestToken

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
deliveryMethod		-	null	
extendedToken		-	false	

Return Type

[String]

Content Type

- application/json

Responses

Table 705. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /twofactor/invalidate

Operation Id

updateConfiguration2

Description

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- application/json

Responses

Table 706. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /twofactor/validate

Operation Id

validate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
token		-	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 707. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

UserGeneratedDocuments

POST /templates

Operation Id

createTemplate

Add a UGD

Description

Adds a new UGD. Mandatory Fields name Example Requests: templates/1

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostTemplatesRequest	<i>PostTemplatesRequest</i>	X		

Return Type

PostTemplatesResponse

Content Type

- application/json

Responses

Table 708. http response codes

Code	Message	Datatype
200	OK	<i>PostTemplatesResponse</i>

Samples

DELETE /templates/{templateId}

Operation Id

deleteTemplate

Delete a UGD

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
templateId	templateId	X	null	

Return Type

DeleteTemplatesTemplateIdResponse

Content Type

- application/json

Responses

Table 709. http response codes

Code	Message	Datatype
200	OK	<i>DeleteTemplatesTemplateIdResponse</i>

Samples

GET /templates/{templateId}/template

Operation Id

getTemplateByTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
templateId		X	null	

Return Type

[String]

Content Type

- application/json

Responses

Table 710. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

POST /templates/{templateId}

Operation Id

mergeTemplate

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
templateId		X	null	

Body Parameter

Name	Description	Required	Default	Pattern
body	[string]	-		

Return Type

[String]

Content Type

- text/html

Responses

Table 711. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /templates

Operation Id

retrieveAll40

Retrieve all UGDs

Description

Example Requests: templates It is also possible to get specific UGDs by entity and type: templates?type=0&entity=0 [Entity: Id] client: 0, loan: 1 [Type: Id] Document: 0, E-Mail (not yet): 1, SMS: 2

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
typeId	typeId	-	-1	
entityId	entityId	-	-1	

Return Type

[*GetTemplatesResponse*](#)

Content Type

- application/json

Responses

Table 712. http response codes

Code	Message	Datatype
200	OK	<i>GetTemplatesResponse</i>

Samples

GET /templates/{templateId}

Operation Id

retrieveOne28

Retrieve a UGD

Description

Example Requests: templates/1

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
templateId	templateId	X	null	

Return Type

[*GetTemplatesTemplateIdResponse*](#)

Content Type

- application/json

Responses

Table 713. http response codes

Code	Message	Datatype
200	OK	<i>GetTemplatesTemplateIdResponse</i>

Samples

PUT /templates/{templateId}

Operation Id

saveTemplate

Update a UGD

Description

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
templateId	templateId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutTemplatesTemplateIdRequest	<i>PutTemplatesTemplateIdRequest</i>	X		

Return Type

[*PutTemplatesTemplateIdResponse*](#)

Content Type

- application/json

Responses

Table 714. http response codes

Code	Message	Datatype
200	OK	<i>PutTemplatesTemplateIdResponse</i>

Samples

GET /templates/template

Operation Id

template20

Retrieve UGD Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for UGDs. The UGD data returned consists of any or all of: ARGUMENTS name String entity String type String text String optional mappers Mapper optional Example Request: templates/template

Parameters

Return Type

[*GetTemplatesTemplateResponse*](#)

Content Type

- application/json

Responses

Table 715. http response codes

Code	Message	Datatype
200	OK	<i>GetTemplatesTemplateResponse</i>

Samples

Users

POST /users

Operation Id

create15

Create a User

Description

Adds new application user. Note: Password information is not required (or processed). Password details at present are auto-generated and then sent to the email account given (which is why it can take a few seconds to complete). Mandatory Fields: username, firstname, lastname, email, officeId, roles, sendPasswordToEmail Optional Fields: staffId,passwordNeverExpires,isSelfServiceUser,clients

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PostUsersRequest	PostUsersRequest	X		

Return Type

[PostUsersResponse](#)

Content Type

- application/json

Responses

Table 716. http response codes

Code	Message	Datatype
200	OK	PostUsersResponse

Samples

DELETE /users/{userId}

Operation Id

delete21

Delete a User

Description

Removes the user and the associated roles and permissions.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
userId	userId	X	null	

Return Type

[DeleteUsersUserIdResponse](#)

Content Type

- application/json

Responses

Table 717. http response codes

Code	Message	Datatype
200	OK	DeleteUsersUserIdResponse

Samples

GET /users/downloadtemplate

Operation Id

getUserTemplate

Description

Parameters

Query Parameters

Name	Description	Required	Default	Pattern
officeId		-	null	
staffId		-	null	
dateFormat		-	null	

Return Type

-

Content Type

- application/vnd.ms-excel

Responses

Table 718. http response codes

Code	Message	Datatype
0	default response	<<>>

Samples

POST /users/uploadtemplate

Operation Id

postUsersTemplate

Description

Parameters

Form Parameters

Name	Description	Required	Default	Pattern
dateFormat	[string]	-	null	
locale	[string]	-	null	
uploadedInputStream	[file]	-	null	

Return Type

[String]

Content Type

- /

Responses

Table 719. http response codes

Code	Message	Datatype
0	default response	[String]

Samples

GET /users

Operation Id

retrieveAll41

Retrieve list of users

Description

Example Requests: users users?fields=id,username,email,officeName

Parameters

Return Type

array[[GetUsersResponse](#)]

Content Type

- application/json

Responses

Table 720. http response codes

Code	Message	Datatype
200	OK	List[GetUsersResponse]

Samples

GET /users/{userId}

Operation Id

retrieveOne29

Retrieve a User

Description

Example Requests: users/1 users/1?template=true users/1?fields=username,officeName

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
userId	userId	X	null	

Return Type

[*GetUsersUserIdResponse*](#)

Content Type

- application/json

Responses

Table 721. http response codes

Code	Message	Datatype
200	OK	<i>GetUsersUserIdResponse</i>

Samples

GET /users/template

Operation Id

template22

Retrieve User Details Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for client applications. The template data returned consists of any or all of: Field Defaults Allowed description Lists Example Request: users/template

Parameters

Return Type

[*GetUsersTemplateResponse*](#)

Content Type

- application/json

Responses

Table 722. http response codes

Code	Message	Datatype
200	OK	GetUsersTemplateResponse

Samples

PUT /users/{userId}

Operation Id

update24

Update a User

Description

When updating a password you must provide the repeatPassword parameter also.

Parameters

Path Parameters

Name	Description	Required	Default	Pattern
userId	userId	X	null	

Body Parameter

Name	Description	Required	Default	Pattern
PutUsersUserIdRequest	PutUsersUserIdRequest	X		

Return Type

[PutUsersUserIdResponse](#)

Content Type

- application/json

Responses

Table 723. http response codes

Code	Message	Datatype
200	OK	PutUsersUserIdResponse

Samples

WorkingDays

GET /workingdays

Operation Id

retrieveAll17

List Working days

Description

Example Requests: workingdays

Parameters

Return Type

array[[GetWorkingDaysResponse](#)]

Content Type

- application/json

Responses

Table 724. http response codes

Code	Message	Datatype
200	OK	List[GetWorkingDaysResponse]

Samples

GET /workingdays/template

Operation Id

template4

Working Days Template

Description

This is a convenience resource. It can be useful when building maintenance user interface screens for working days. Example Request: workingdays/template

Parameters

Return Type

GetWorkingDaysTemplateResponse

Content Type

- application/json

Responses

Table 725. http response codes

Code	Message	Datatype
200	OK	<i>GetWorkingDaysTemplateResponse</i>

Samples

PUT /workingdays

Operation Id

update8

Update a Working Day

Description

Mandatory Fields recurrence,repaymentRescheduleType,extendTermForDailyRepayments,locale

Parameters

Body Parameter

Name	Description	Required	Default	Pattern
PutWorkingDaysRequest	<i>PutWorkingDaysRequest</i>	X		

Return Type

PutWorkingDaysResponse

Content Type

- application/json

Responses

Table 726. http response codes

Code	Message	Datatype
200	OK	<i>PutWorkingDaysResponse</i>

Samples

Models

AccountingRuleData

Field Name	Required	Type	Description	Format
creditTags		List of <i>AccountingTagRuleData</i>		
debitTags		List of <i>AccountingTagRuleData</i>		

AccountingTagRuleData

Field Name	Required	Type	Description	Format
id		Long		int64
tag		CodeValueData		
transactionType		EnumOptionData		

AllowAttributeOverrides

Field Name	Required	Type	Description	Format
amortizationType		Boolean		
graceOnArrearsAgeing		Boolean		
graceOnPrincipalAndInterestPayment		Boolean		
inArrearsTolerance		Boolean		
interestCalculationPeriodType		Boolean		

Field Name	Required	Type	Description	Format
interestType		Boolean		
repaymentEvery		Boolean		
transactionProcessingStrategyId		Boolean		

AppUser

Field Name	Required	Type	Description	Format
accountNonExpired		Boolean		
accountNonLocked		Boolean		
appUserClientMappings		Set of <i>AppUserClientMapping</i>		
authorities		List of <i>GrantedAuthority</i>		
credentialsNonExpired		Boolean		
deleted		Boolean		
displayName		String		
email		String		
enabled		Boolean		
firstname		String		
id		Long		int64
lastTimePasswordUpdated		date		date
lastname		String		
new		Boolean		
notEnabled		Boolean		
office		Office		
password		String		
passwordNeverExpires		Boolean		

Field Name	Required	Type	Description	Format
roles		Set of <i>Role</i>		
selfServiceUser		Boolean		
staff		Staff		
staffDisplayName		String		
staffId		Long		int64
systemUser		Boolean		
username		String		

AppUserClientMapping

Field Name	Required	Type	Description	Format
appUser		AppUser		
client		Client		
id		Long		int64
new		Boolean		

AppUserData

Field Name	Required	Type	Description	Format
clients		Set of <i>ClientData</i>		
rowIndex		Integer		int32
selfServiceUser		Boolean		

BatchRequest

Field Name	Required	Type	Description	Format
body		String		
headers		Set of <i>Header</i>		
method		String		
reference		Long		int64
relativeUrl		String		

Field Name	Required	Type	Description	Format
requestId		Long		int64

BatchResponse

Field Name	Required	Type	Description	Format
body		String		
headers		Set of Header		
requestId		Long		int64
statusCode		Integer		int32

BodyPart

Field Name	Required	Type	Description	Format
contentDisposition		ContentDisposition		
entity		Object		
headers		Map of [array]		
mediaType		BodyPart_mediaType		
messageBodyWorkers		Object		
parameterizedHeaders		Map of [array]		
parent		MultiPart		
providers		Object		

BodyPartMediaType

Field Name	Required	Type	Description	Format
parameters		Map of [string]		
subtype		String		
type		String		
wildcardSubtype		Boolean		

Field Name	Required	Type	Description	Format
wildcardType		Boolean		

BusinessDateRequest

BusinessDateRequest

Field Name	Required	Type	Description	Format
date		String		
dateFormat		String		
locale		String		
type		String		

BusinessDateResponse

BusinessDateResponse

Field Name	Required	Type	Description	Format
date		date		date
description		String		
type		String		

CashierData

Field Name	Required	Type	Description	Format
description		String		
endDate		date		date
endTime		String		
fullDay		Boolean		
id		Long		int64
officeId		Long		int64
officeName		String		
staffId		Long		int64

Field Name	Required	Type	Description	Format
staffName		String		
startDate		date		date
startTime		String		
tellerId		Long		int64
tellerName		String		

CashierTransactionData

Field Name	Required	Type	Description	Format
cashierData		CashierData		
cashierId		Long		int64
cashierName		String		
createdDate		Date		date-time
endDate		date		date
entityId		Long		int64
entityType		String		
id		Long		int64
officeId		Long		int64
officeName		String		
startDate		date		date
tellerId		Long		int64
tellerName		String		
txnAmount		BigDecimal		
txnDate		date		date
txnNote		String		
txnType		CashierTxnType		

CashierTxnType

Field Name	Required	Type	Description	Format
id		Integer		int32
value		String		

ChangeInstanceModeRequest

ChangeInstanceModeRequest

Field Name	Required	Type	Description	Format
batchManagerEnabled	X	Boolean		
batchWorkerEnabled	X	Boolean		
readEnabled	X	Boolean		
writeEnabled	X	Boolean		

Changes

Field Name	Required	Type	Description	Format
amount		String		

Charge

Field Name	Required	Type	Description	Format
account		GLAccount		
active		Boolean		
allowedClientChargeCalculationType		Boolean		
allowedClientChargeTime		Boolean		
allowedLoanChargeTime		Boolean		
allowedSavingsChargeCalculationType		Boolean		

Field Name	Required	Type	Description	Format
allowedSavingsChargeTime		Boolean		
amount		BigDecimal		
annualFee		Boolean		
chargeCalculation		Integer		int32
chargePaymentMode		Integer		int32
chargeTimeType		Integer		int32
clientCharge		Boolean		
currencyCode		String		
deleted		Boolean		
disbursementCharge		Boolean		
enableFreeWithdrawal		Boolean		
enablePaymentType		Boolean		
feeInterval		Integer		int32
feeOnMonthDay		Charge_feeOnMonthDay		
frequencyFreeWithdrawalCharge		Integer		int32
id		Long		int64
incomeAccountId		Long		int64
loanCharge		Boolean		
maxCap		BigDecimal		
minCap		BigDecimal		
monthlyFee		Boolean		
name		String		
new		Boolean		
overdueInstallment		Boolean		

Field Name	Required	Type	Description	Format
paymentType		PaymentType		
penalty		Boolean		
percentageOfApprovedAmount		Boolean		
percentageOfDisbursementAmount		Boolean		
restartFrequency		Integer		int32
restartFrequencyEnum		Integer		int32
savingsCharge		Boolean		
taxGroup		TaxGroup		

ChargeData

Field Name	Required	Type	Description	Format
amount		BigDecimal		
chargeCalculationType		EnumOptionData		
chargeTimeType		EnumOptionData		
currency		CurrencyData		
id		Long		int64
name		String		
overdueInstallmentCharge		Boolean		
penalty		Boolean		

ChargeFeeOnMonthDay

Field Name	Required	Type	Description	Format
dayOfMonth		Integer		int32

Field Name	Required	Type	Description	Format
month		String		<i>Enum:</i> JANUARY, FEBRUARY, MARCH, APRIL, MAY, JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER, DECEMBER,
monthValue		Integer		int32

ChargeId

Field Name	Required	Type	Description	Format
id		Integer		int32

ChargeToGLAccountMapper

Field Name	Required	Type	Description	Format
charge		ChargeData		
incomeAccount		GLAccountData		

Client

Field Name	Required	Type	Description	Format
accountNumberRequiresAutoGeneration		Boolean		
activationLocalDate		date		date
active		Boolean		
closed		Boolean		
closureDate		date		date
createdBy		Long		int64
createdDate		Date		date-time
displayName		String		
emailAddress		String		
externalId		String		
firstname		String		
groups		Set of <i>Group</i>		
id		Long		int64
image		Image		
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
lastname		String		
legalForm		Integer		int32
middlename		String		
mobileNo		String		
new		Boolean		
notActive		Boolean		
notPending		Boolean		
notStaff		Boolean		
office		Office		
officeJoiningLocalDate		date		date

Field Name	Required	Type	Description	Format
pending		Boolean		
proposedTransferDate		date		date
rejected		Boolean		
rejectedDate		date		date
reopenedDate		date		date
staff		Staff		
status		Integer		int32
submittedOnDate		date		date
transferInProgress		Boolean		
transferInProgressOrOnHold		Boolean		
transferOnHold		Boolean		
transferToOffice		Office		
withdrawalDate		date		date
withdrawn		Boolean		

ClientData

Field Name	Required	Type	Description	Format
activationDate		date		date
externalId		String		
firstname		String		
id		Long		int64
imageId		Long		int64
imagePresent		Boolean		
isAddressEnabled		Boolean		
lastname		String		
officeName		String		
rowIndex		Integer		int32
savingsAccountId		Long		int64

Field Name	Required	Type	Description	Format
timeline		Object		

CodeValueData

Field Name	Required	Type	Description	Format
active		Boolean		
id		Long		int64
mandatory		Boolean		
name		String		

CommandProcessingResult

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
transactionId		String		

CommandWrapper

Field Name	Required	Type	Description	Format
cacheResource		Boolean		
clientId		Long		int64
create		Boolean		
createDatatable		Boolean		
creditBureauId		Long		int64
currencyResource		Boolean		
datatableResource		Boolean		
delete		Boolean		
deleteDatatable		Boolean		
deleteMultiple		Boolean		
deleteOneToOne		Boolean		
deleteOperation		Boolean		
entityId		Long		int64
entityName		String		
fullFilSurvey		Boolean		
groupId		Long		int64
href		String		
json		String		
loanDisburseDetail Resource		Boolean		
loanId		Long		int64
noteResource		Boolean		
organisationCredit BureauId		Long		int64
passwordPreferencesResource		Boolean		
permissionResource		Boolean		
productId		Long		int64
registerDatatable		Boolean		
registerSurvey		Boolean		

Field Name	Required	Type	Description	Format
savingsId		Long		int64
subentityId		Long		int64
surveyResource		Boolean		
taskPermissionName		String		
transactionId		String		
update		Boolean		
updateDatatable		Boolean		
updateDisbursementDate		Boolean		
updateMultiple		Boolean		
updateOneToOne		Boolean		
updateOperation		Boolean		
userResource		Boolean		
workingDaysResource		Boolean		

Component

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
key		String		
new		Boolean		
sequenceNo		Integer		int32
survey		Survey		
text		String		

ComponentData

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
key		String		
sequenceNo		Integer		int32
text		String		

ContentDisposition

Field Name	Required	Type	Description	Format
creationDate		Date		date-time
fileName		String		
modificationDate		Date		date-time
parameters		Map of [string]		
readDate		Date		date-time
size		Long		int64
type		String		

CreateStaffResponse

PostStaffResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

CurrencyData

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
decimalPlaces		Integer		int32
inMultiplesOf		Integer		int32
name		String		

DeleteAccountNumberFormatsResponse

DeleteAccountNumberFormatsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteAccountingRulesResponse

DeleteAccountingRulesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteCentersCenterIdResponse

DeleteCentersCenterIdResponse

Field Name	Required	Type	Description	Format
changes		Object		
resourceId		Integer		int32

DeleteChargesChargeIdResponse

DeleteChargesChargeIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteClientCollateralResponse

DeleteClientCollateralResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteClientsClientIdChargesChargeIdResponse

DeleteClientsClientIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteClientsClientIdIdentifiersIdentifierIdResponse

DeleteClientsClientIdIdentifiersIdentifierIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteClientsClientIdResponse

DeleteClientsClientIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteCodeValueDataResponse

DeleteCodeValueDataResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteCodesResponse

DeleteCodesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteCollateralProductResponse

DeleteCollateralProductResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteDataTablesDatatableAppTableIdDatatableIdResponse

DeleteDataTablesDatatableAppTableIdDatatableIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteDataTablesDatatableAppTableIdResponse

DeleteDataTablesDatatableAppTableIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteDataTablesResponse

DeleteDataTablesResponse

Field Name	Required	Type	Description	Format
resourceIdentifier		String		

DeleteEntityDatatableChecksTemplateResponse

DeleteEntityDatatableChecksTemplateResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteEntityTypeEntityIdDocumentsResponse

DeleteEntityTypeEntityIdDocumentsResponse

Field Name	Required	Type	Description	Format
changes		Object		
resourceId		Long		int64
resourceIdentifier		String		

DeleteFinancialActivityAccountsResponse

DeleteFinancialActivityAccountsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteFixedDepositAccountsAccountIdResponse

DeleteFixedDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteFixedDepositProductsProductIdResponse

DeleteFixedDepositProductsProductIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteGLAccountsRequest

DeleteGLAccountsRequest

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteGlclosuresResponse

DeleteGlclosuresResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

DeleteGroupsGroupIdResponse

DeleteGroupsGroupIdResponse

Field Name	Required	Type	Description	Format
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteHolidaysHolidayIdResponse

DeleteHolidaysHolidayIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteHookResponse

DeleteHookResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteInterestRateChartsChartIdChartSlabsResponse

DeleteInterestRateChartsChartIdChartSlabsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteInterestRateChartsChartIdResponse

DeleteInterestRateChartsChartIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteLoansLoanIdChargesChargeIdResponse

DeleteLoansLoanIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Integer		int32

DeleteLoansLoanIdCollateralsCollateralIdResponse

DeleteLoansLoanIdCollateralsCollateralIdResponse

Field Name	Required	Type	Description	Format
loanId		Integer		int32
resourceId		Integer		int32

DeleteLoansLoanIdResponse

DeleteLoansLoanIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeletePaymentTypesPaymentTypeIdResponse

DeletePaymentTypesPaymentTypeIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeletePostDatedCheck

DeletePostDatedCheck

Field Name	Required	Type	Description	Format
loanId		Long		int64
resourceId		Long		int64

DeleteProvisioningCriteriaResponse

DeleteProvisioningCriteriaResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteRecurringDepositAccountsResponse

DeleteRecurringDepositAccountsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteRecurringDepositProductsProductIdResponse

DeleteRecurringDepositProductsProductIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteReportMailingJobsResponse

DeleteReportMailingJobsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteReportsResponse

DeleteReportsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteResourceTypeResourceIdNotesNoteIdResponse

DeleteResourceTypeResourceIdNotesNoteIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteRolesRoleIdResponse

DeleteRolesRoleIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteSavingsAccountsAccountIdResponse

DeleteSavingsAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

DeleteSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

DeleteSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

DeleteSavingsProductsProductIdResponse

DeleteSavingsProductsProductIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteSelfBeneficiariesTPTBeneficiaryIdResponse

DeleteSelfBeneficiariesTPTBeneficiaryIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

DeleteTellersTellerIdCashiersCashierIdResponse

DeleteTellersTellerIdCashiersCashierIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteTemplatesTemplateIdResponse

DeleteTemplatesTemplateIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

DeleteUsersUserIdResponse

DeleteUsersUserIdResponse

Field Name	Required	Type	Description	Format
changes		Object		
officeId		Long		int64
resourceId		Long		int64

Entity

Field Name	Required	Type	Description	Format
actions		List of [string]		
name		String		

EnumOptionData

Field Name	Required	Type	Description	Format
code		String		
id		Long		int64
value		String		

Event

Field Name	Required	Type	Description	Format
actionName		String		
entityName		String		

ExtensionData

Field Name	Required	Type	Description	Format
key	X	String		
value		String		

ExternalServicesPropertiesData

Field Name	Required	Type	Description	Format
name		String		
value		String		

Field

Field Name	Required	Type	Description	Format
fieldName		String		
fieldType		String		
fieldValue		String		
optional		Boolean		
placeholder		String		

FinancialActivityData

Field Name	Required	Type	Description	Format
id		Integer		int32
mappedGLAccount Type		String		Enum: ASSET, LIABILITY, EQUITY, INCOME, EXPENSE,
name		String		

FloatingRate

Field Name	Required	Type	Description	Format
active		Boolean		
baseLendingRate		Boolean		
createdBy		AppUser		
createdOn		Date		date-time
floatingRatePeriods		List of FloatingRatePeriod		
id		Long		int64
modifiedBy		AppUser		
modifiedOn		Date		date-time
name		String		
new		Boolean		

FloatingRatePeriod

Field Name	Required	Type	Description	Format
active		Boolean		

Field Name	Required	Type	Description	Format
createdBy		AppUser		
createdOn		Date		date-time
differentialToBaseLendingRate		Boolean		
floatingRatesId		FloatingRate		
fromDate		date		date
id		Long		int64
interestRate		BigDecimal		
modifiedBy		AppUser		
modifiedOn		Date		date-time
new		Boolean		

FormDataBodyPart

Field Name	Required	Type	Description	Format
contentDisposition		ContentDisposition		
entity		Object		
formDataContentDisposition		FormDataContentDisposition		
headers		Map of [array]		
mediaType		BodyPart_mediaType		
messageBodyWorkers		Object		
name		String		
parameterizedHeaders		Map of [array]		
parent		MultiPart		
providers		Object		
simple		Boolean		

Field Name	Required	Type	Description	Format
value		String		

FormDataContentDisposition

Field Name	Required	Type	Description	Format
creationDate		Date		date-time
fileName		String		
modificationDate		Date		date-time
name		String		
parameters		Map of [string]		
readDate		Date		date-time
size		Long		int64
type		String		

FundData

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		

GLAccount

Field Name	Required	Type	Description	Format
children		List of GLAccount		
detailAccount		Boolean		
disabled		Boolean		
glCode		String		
headerAccount		Boolean		
id		Long		int64

Field Name	Required	Type	Description	Format
manualEntriesAllowed		Boolean		
name		String		
new		Boolean		
type		Integer		int32
usage		Integer		int32

GLAccountData

Field Name	Required	Type	Description	Format
glCode		String		
id		Long		int64
name		String		
rowIndex		Integer		int32
tagId		CodeValueData		
type		EnumOptionData		
typeId		Integer		int32

GeoCodeData

Field Name	Required	Type	Description	Format
latitude	X	String		
longitude	X	String		

GetAccountNumberFormatsIdResponse

GetAccountNumberFormatsIdResponse

Field Name	Required	Type	Description	Format
accountType		EnumOptionData		
id		Long		int64
prefixType		EnumOptionData		

GetAccountNumberFormatsResponseTemplate

GetAccountNumberFormatsResponseTemplate

Field Name	Required	Type	Description	Format
accountTypeOptions		List of EnumOptionData		
prefixTypeOptions		Map of [array]		

GetAccountOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountRulesResponse

GetAccountRulesResponse

Field Name	Required	Type	Description	Format
allowMultipleCreditEntries		Boolean		
allowMultipleDebitEntries		Boolean		
creditTags		List of AccountingTagRuleData		
debitTags		List of AccountingTagRuleData		
description		String		
id		Long		int64
name		String		
officeId		Long		int64
officeName		String		

Field Name	Required	Type	Description	Format
systemDefined		Boolean		

GetAccountRulesTemplateResponse

GetAccountRulesTemplateResponse

Field Name	Required	Type	Description	Format
allowedAccounts		List of GLAccountData		
allowedOffices		List of OfficeData		
systemDefined		Boolean		

GetAccountTransferTemplateResponse

GetAccountTransferTemplateResponse

Field Name	Required	Type	Description	Format
accountTypeOptions		Set of GetAccountOptions		
fromAccountTypeOptions		Set of GetFromAccountOptions		
toAccountTypeOptions		Set of GetFromAccountOptions		

GetAccountTransfersFromAccountType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountTransfersFromAccountTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountTransfersFromClientOptions

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32
officeId		Integer		int32
officeName		String		

GetAccountTransfersFromOffice

Field Name	Required	Type	Description	Format
externalId		Integer		int32
hierarchy		String		
id		Integer		int32
name		String		
nameDecorated		String		
openingDate		date		date

GetAccountTransfersFromOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetAccountTransfersPageItems

Field Name	Required	Type	Description	Format
currency		GetAccountTransfersPageItemsCurrency		
fromAccount		GetAccountTransfersPageItemsFromAccount		
fromAccountType		GetAccountTransfersFromAccountType		
fromClient		GetAccountTransfersFromClientOptions		
fromOffice		GetAccountTransfersPageItemsFromOffice		
id		Integer		int32
reversed		Boolean		
toAccount		GetAccountTransfersPageItemsFromAccount		
toAccountType		GetAccountTransfersPageItemsToAccountType		
toClient		GetAccountTransfersFromClientOptions		
toOffice		GetAccountTransfersPageItemsFromOffice		
transferAmount		Float		float
transferDate		date		date
transferDescription		String		

GetAccountTransfersPageItemsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetAccountTransfersPageItemsFromAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Integer		int32

GetAccountTransfersPageItemsFromOffice

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetAccountTransfersPageItemsToAccountType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountTransfersResponse

GetAccountTransfersResponse

Field Name	Required	Type	Description	Format
pageItems		Set of <i>GetAccountTransfersPageItems</i>		
totalFilteredRecords		Integer		int32

GetAccountTransfersStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountTransfersTemplateRefundByTransferCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetAccountTransfersTemplateRefundByTransferFromAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amtForTransfer		Float		float
clientId		Integer		int32
clientName		String		

Field Name	Required	Type	Description	Format
currency		GetAccountTransfersTemplateRefundByTransferCurrency		
fieldOfficerId		Integer		int32
id		Integer		int32
productId		Integer		int32
productName		String		

GetAccountTransfersTemplateRefundByTransferFromAccountOptions

Field Name	Required	Type	Description	Format
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetAccountTransfersTemplateRefundByTransferCurrency		
fieldOfficerId		Integer		int32
id		Integer		int32
productId		Integer		int32
productName		String		

GetAccountTransfersTemplateRefundByTransferFromClient

Field Name	Required	Type	Description	Format
accountNo		Long		int64
activationDate		date		date
active		Boolean		
clientClassification		Object		
clientType		Object		

Field Name	Required	Type	Description	Format
displayName		String		
firstname		String		
gender		Object		
groups		Object		
id		Integer		int32
lastname		String		
officeId		Integer		int32
officeName		String		
status		GetAccountTransfersStatus		
timeline		GetAccountTransfersTimeline		

GetAccountTransfersTemplateRefundByTransferFromClientOptions

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32
officeId		Integer		int32
officeName		String		

GetAccountTransfersTemplateRefundByTransferFromOffice

Field Name	Required	Type	Description	Format
externalId		Integer		int32
hierarchy		String		
id		Integer		int32
name		String		
nameDecorated		String		
openingDate		date		date

GetAccountTransfersTemplateRefundByTransferFromOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetAccountTransfersTemplateRefundByTransferResponse

GetAccountTransfersTemplateRefundByTransferResponse

Field Name	Required	Type	Description	Format
currency		GetAccountTransfersTemplateRefundByTransferCurrency		
fromAccount		GetAccountTransfersTemplateRefundByTransferFromAccount		
fromAccountOptions		Set of <i>GetAccountTransfersTemplateRefundByTransferFromAccountOptions</i>		
fromAccountType		GetAccountTransfersPageItemsToAccountType		
fromAccountTypeOptions		Set of <i>GetAccountTransfersFromAccountType</i>		
fromClient		GetAccountTransfersTemplateRefundByTransferFromClient		

Field Name	Required	Type	Description	Format
fromClientOptions		Set of GetAccountTransfersTemplateRefundByTransferFromClientOptions		
fromOffice		GetAccountTransfersTemplateRefundByTransferFromOffice		
fromOfficeOptions		Set of GetAccountTransfersTemplateRefundByTransferFromOfficeOptions		
toAccount		GetAccountTransfersTemplateRefundByTransferToAccount		
toAccountOptions		Set of GetAccountTransfersTemplateRefundByTransferToAccount		
toAccountType		GetAccountTransfersFromAccountType		
toAccountTypeOptions		Set of GetAccountTransfersFromAccountType		
toClient		GetAccountTransfersTemplateRefundByTransferToClient		
toClientOptions		Set of GetAccountTransfersTemplateRefundByTransferFromClientOptions		

Field Name	Required	Type	Description	Format
toOffice		GetAccountTransfersTemplateRefundByTransferFromOffice		
toOfficeOptions		Set of GetAccountTransfersTemplateRefundByTransferFromOfficeOptions		
transferAmount		Float		float
transferDate		date		date

GetAccountTransfersTemplateRefundByTransferToAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetAccountTransfersTemplateRefundByTransferCurrency		
fieldOfficerId		Integer		int32
id		Integer		int32
productId		Integer		int32
productName		String		

GetAccountTransfersTemplateRefundByTransferToClient

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32
officeId		Integer		int32

Field Name	Required	Type	Description	Format
officeName		String		

GetAccountTransfersTemplateResponse

GetAccountTransfersTemplateResponse

Field Name	Required	Type	Description	Format
fromAccountType		GetAccountTransfersFromAccountType		
fromAccountTypeOptions		Set of <i>GetAccountTransfersFromAccountTypeOptions</i>		
fromClientOptions		Set of <i>GetAccountTransfersFromClientOptions</i>		
fromOffice		GetAccountTransfersFromOffice		
fromOfficeOptions		Set of <i>GetAccountTransfersFromOfficeOptions</i>		
toAccountTypeOptions		Set of <i>GetAccountTransfersToAccountTypeOptions</i>		
toOfficeOptions		Set of <i>GetAccountTransfersToOfficeOptions</i>		
transferAmount		Long		int64
transferDate		date		date

GetAccountTransfersTimeline

Field Name	Required	Type	Description	Format
activatedByFirstname		String		
activatedByLastname		String		
activatedByUsername		String		
activatedOnDate		date		date
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetAccountTransfersToAccountTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountTransfersToOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetAccountsChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetAccountsChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountsCharges

Field Name	Required	Type	Description	Format
accountId		Integer		int32
amount		Float		float
amountOrPercentage		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountPercentageAppliedTo		Double		double
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetAccountsChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetAccountsChargeTimeType		
currency		GetAccountsChargesCurrency		
id		Integer		int32

Field Name	Required	Type	Description	Format
isActive		Boolean		
name		String		
percentage		Double		double

GetAccountsChargesCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetAccountsLinkedToPocketResponse

GetAccountsLinkedToPocketResponse

Field Name	Required	Type	Description	Format
loanAccounts		Set of GetPocketLoanAccounts		
savingAccounts		Set of GetPocketSavingAccounts		
shareAccounts		Set of [object]		

GetAccountsLockPeriodTypeEnum

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountsPageItems

Field Name	Required	Type	Description	Format
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetAccountsChargeCurrency		
id		Integer		int32
productId		Integer		int32
productName		String		
purchasedShares		Set of GetAccountsTypePurchasedShares		
status		GetAccountsTypeStatus		
summary		GetAccountsTypeSummary		

Field Name	Required	Type	Description	Format
timeline		GetAccountsTypeTimeline		

GetAccountsPurchasedShares

Field Name	Required	Type	Description	Format
accountId		Integer		int32
amount		Double		double
amountPaid		Double		double
chargeAmount		Double		double
id		Integer		int32
numberOfShares		Integer		int32
purchasedDate		date		date
purchasedPrice		Double		double
status		GetAccountsPurchasedSharesStatus		
type		GetAccountsPurchasedSharesType		

GetAccountsPurchasedSharesStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountsPurchasedSharesType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		

GetAccountsSummary

Field Name	Required	Type	Description	Format
accountNo		Long		int64
currency		GetAccountsCurrency		
id		Integer		int32
productId		Integer		int32
productName		String		
status		GetAccountsStatus		
timeline		GetAccountsTimeline		
totalApprovedShares		Integer		int32
totalPendingForApprovalShares		Integer		int32

GetAccountsTimeline

Field Name	Required	Type	Description	Format
activatedDate		date		date

Field Name	Required	Type	Description	Format
approvedByFirstname		String		
approvedByLastname		String		
approvedByUsername		String		
approvedDate		date		date
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetAccountsTypeAccountIdResponse

GetAccountsTypeAccountIdResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
allowDividendCalculationForInactiveClients		Boolean		
charges		Set of GetAccountsCharges		
clientId		Integer		int32
clientName		String		
currency		GetAccountsCurrency		
currentMarketPrice		Integer		int32
dividends		List of [string]		

Field Name	Required	Type	Description	Format
id		Integer		int32
lockPeriodTypeEnum		GetAccountsLockPeriodTypeEnum		
lockinPeriod		Integer		int32
minimumActivePeriod		Integer		int32
minimumActivePeriodTypeEnum		GetAccountsLockPeriodTypeEnum		
productId		Integer		int32
productName		String		
purchasedShares		Set of GetAccountsPurchasedShares		
savingsAccountId		Integer		int32
savingsAccountNumber		Long		int64
status		GetAccountsStatus		
summary		GetAccountsSummary		
timeline		GetAccountsTimeline		

GetAccountsTypeProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
shortName		String		
totalShares		Long		int64

GetAccountsTypePurchasedShares

Field Name	Required	Type	Description	Format
id		Integer		int32
numberOfShares		Integer		int32
purchasedDate		String		
purchasedPrice		Integer		int32

GetAccountsTypeResponse

GetAccountsTypeResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetAccountsPageItems		
totalFilteredRecords		Integer		int32

GetAccountsTypeStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		

GetAccountsTypeSummary

Field Name	Required	Type	Description	Format
currency		GetAccountsChargesCurrency		

GetAccountsTypeTemplateResponse

GetAccountsTypeTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
productOptions		Set of GetAccountsTypeProductOptions		

GetAccountsTypeTimeline

Field Name	Required	Type	Description	Format
submittedOnDate		date		date

GetAssetType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetCachesResponse

GetCachesResponse

Field Name	Required	Type	Description	Format
cacheType		EnumOptionData		
enabled		Boolean		

GetCentersAccountType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetCentersCenterIdAccountsResponse

GetCentersCenterIdAccountsResponse

Field Name	Required	Type	Description	Format
savingsAccounts		Set of GetCentersSavingsAccounts		

GetCentersCenterIdCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetCentersCenterIdResponse

GetCentersCenterIdResponse

Field Name	Required	Type	Description	Format
active		Boolean		
hierarchy		String		
id		Integer		int32

Field Name	Required	Type	Description	Format
name		String		
officeId		Integer		int32
officeName		String		
status		GetCentersStatus		

GetCentersCenterIdStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
prematureClosed		Boolean		
rejected		Boolean		
submittedAndPendingApproval		Boolean		
transferInProgress		Boolean		
transferOnHold		Boolean		
withdrawnByApplicant		Boolean		

GetCentersDepositType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetCentersOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetCentersPageItems

Field Name	Required	Type	Description	Format
active		Boolean		
hierarchy		String		
id		Integer		int32
name		String		
officeId		Integer		int32
officeName		String		
status		GetCentersStatus		

GetCentersResponse

GetCentersResponse

Field Name	Required	Type	Description	Format
pageItems		Set of <i>GetCentersPageItems</i>		
totalFilteredRecords		Integer		int32

GetCentersSavingsAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64

Field Name	Required	Type	Description	Format
accountType		GetCentersAccountType		
currency		GetCentersCenterIdCurrency		
depositType		GetCentersDepositType		
id		Integer		int32
productId		Integer		int32
productName		String		
status		GetCentersCenterIdStatus		
timeline		GetCentersTimeline		

GetCentersStaffOptions

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32

GetCentersStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetCentersTemplateResponse

GetCentersTemplateResponse

Field Name	Required	Type	Description	Format
activationDate		date		date

Field Name	Required	Type	Description	Format
active		Boolean		
officeId		Integer		int32
officeOptions		Set of GetCentersOfficeOptions		
staffOptions		Set of GetCentersStaffOptions		

GetCentersTimeline

Field Name	Required	Type	Description	Format
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetChargeAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargePaymentMode

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesAppliesToResponse

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesCalculationTypeResponse

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetChargesChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetChargesCurrencyResponse

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32

Field Name	Required	Type	Description	Format
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetChargesPaymentModeResponse

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesResponse

GetChargesResponse

Field Name	Required	Type	Description	Format
active		String		
amount		Float		float
chargeAppliesTo		GetChargesAppliesToResponse		
chargeCalculationType		GetChargesCalculationTypeResponse		
chargePaymentMode		GetChargesPaymentModeResponse		
chargeTimeType		GetChargesTimeTypeResponse		
currency		GetChargesCurrencyResponse		
id		Long		int64
name		String		
penalty		String		

GetChargesTemplateFeeFrequencyOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesTemplateLoanChargeCalculationTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesTemplateLoanChargeTimeTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetChargesTemplateResponse

GetChargesTemplateResponse

Field Name	Required	Type	Description	Format
active		String		
chargeAppliesToOptions		Set of GetChargesAppliesToResponse		
chargeCalculationTypeOptions		Set of GetChargesCalculationTypeResponse		

Field Name	Required	Type	Description	Format
chargePaymentModeOptions		Set of GetChargesPaymentModeResponse		
chargeTimeTypeOptions		Set of GetChargesTimeTypeResponse		
currencyOptions		Set of GetChargesCurrencyResponse		
feeFrequencyOptions		Set of GetChargesTemplateFeeFrequencyOptions		
loanChargeCalculationTypeOptions		Set of GetChargesTemplateLoanChargeCalculationTypeOptions		
loanChargeTimeTypeOptions		Set of GetChargesTemplateLoanChargeTimeTypeOptions		
penalty		String		
savingsChargeCalculationTypeOptions		Set of GetChargesTemplateLoanChargeCalculationTypeOptions		
savingsChargeTimeTypeOptions		Set of GetChargesTemplateLoanChargeTimeTypeOptions		

GetChargesTimeTypeResponse

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetClientChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientChargeCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetClientChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientClientIdAddressesResponse

GetClientClientIdAddressesResponse

Field Name	Required	Type	Description	Format
addressId		Integer		int32

Field Name	Required	Type	Description	Format
addressLine1		String		
addressLine2		String		
addressLine3		String		
addressType		String		
addressTypeId		Integer		int32
city		String		
client_id		Long		int64
countryId		Integer		int32
countryName		String		
countyDistrict		String		
createdBy		String		
isActive		Boolean		
postalCode		Long		int64
stateName		String		
stateProvinceId		Integer		int32
street		String		
townVillage		String		
updatedBy		String		

GetClientIdProductIdAccountingMappings

Field Name	Required	Type	Description	Format
ShareEquityId		GetShareAccountsShareEquityId		
incomeFromFeeAccountId		GetShareAccountsIncomeFromFeeAccountId		
shareReferenceId		GetShareAccountsShareReferenceId		
shareSuspenseId		GetShareAccountsShareSuspenseId		

GetClientIdProductIdChargeOptions

Field Name	Required	Type	Description	Format
chargeOptions		GetShareAccountsChargeOptions		

GetClientIdProductIdLockinPeriodFrequencyTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		Integer		int32
id		Integer		int32

GetClientIdProductIdMinimumActivePeriodFrequencyTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		Integer		int32
id		Integer		int32

GetClientIdProductIdProductOptions

Field Name	Required	Type	Description	Format
accountingMappingOptions		Object		
accountingMappings		GetClientIdProductIdAccountingMappings		
accountingRule		GetShareAccountsClientIdProductIdAccountingRule		
allowDividendCalculationForInactiveClients		Boolean		

Field Name	Required	Type	Description	Format
chargeOptions		GetShareAccountsChargeOptions		
charges		String		
currency		GetShareAccountsCurrency		
currencyOptions		GetShareAccountsCurrency		
description		String		
id		Integer		int32
lockinPeriod		Integer		int32
lockinPeriodEnum		GetShareAccountsClientIdProductIdLockPeriodTypeEnum		
lockinPeriodFrequencyTypeOptions		GetClientIdProductIdLockinPeriodFrequencyTypeOptions		
marketPrice		String		
maximumShares		Integer		int32
minimumActivePeriod		Integer		int32
minimumActivePeriodForDividendsTypeEnum		GetShareAccountsClientIdProductIdMinimumActivePeriodForDividendsTypeEnum		
minimumActivePeriodFrequencyTypeOptions		GetClientIdProductIdMinimumActivePeriodFrequencyTypeOptions		
minimumShares		Integer		int32
name		String		
nominalShares		Integer		int32
shareCapital		Integer		int32

Field Name	Required	Type	Description	Format
shortName		String		
totalShares		Integer		int32
totalSharesIssued		Integer		int32
unitPrice		Integer		int32

GetClientStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientTransactionsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetClientsAllowedDocumentTypes

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
position		Integer		int32

GetClientsChargesPageItems

Field Name	Required	Type	Description	Format
amount		BigDecimal		
amountOutstanding		BigDecimal		
amountPaid		BigDecimal		
amountWaived		BigDecimal		
amountWrittenOff		BigDecimal		
chargeCalculationType		GetClientChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetClientChargeTimeType		
clientId		Integer		int32
currency		GetClientChargeCurrency		
dueDate		date		date
id		Integer		int32
isActive		Boolean		
isPaid		Boolean		
isWaived		Boolean		
name		String		
penalty		Boolean		

GetClientsClientIdAccountsResponse

GetClientsClientIdAccountsResponse

Field Name	Required	Type	Description	Format
loanAccounts		Set of GetClientsLoanAccounts		
savingsAccounts		Set of GetClientsSavingsAccounts		

GetClientsClientIdChargesResponse

GetClientsClientIdChargesResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetClientsChargesPageItems		
totalFilteredRecords		Integer		int32

GetClientsClientIdIdentifiersResponse

GetClientsClientIdIdentifiersResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
description		String		
documentKey		String		
documentType		GetClientsDocumentType		
id		Integer		int32

GetClientsClientIdIdentifiersTemplateResponse

GetClientsClientIdIdentifiersTemplateResponse

Field Name	Required	Type	Description	Format
allowedDocumentTypes		Set of GetClientsAllowedDocumentTypes		

GetClientsClientIdResponse

GetClientsClientIdResponse

Field Name	Required	Type	Description	Format
accountNo		String		
activationDate		date		date
active		Boolean		
displayName		String		
firstname		String		
groups		List of GetClientsGroups		
id		Integer		int32
lastname		String		
officeId		Integer		int32
officeName		String		
savingsProductId		Integer		int32
savingsProductName		String		
status		GetClientsClientIdStatus		
timeline		GetClientsTimeline		

GetClientsClientIdStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientsClientIdTransactionsResponse

GetClientsClientIdTransactionsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetClientsPageItems		

Field Name	Required	Type	Description	Format
totalFilteredRecords		Integer		int32

GetClientsClientIdTransactionsTransactionIdResponse

GetClientsClientIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
amount		BigDecimal		
currency		GetClientTransactionsCurrency		
date		date		date
id		Integer		int32
officeId		Integer		int32
officeName		String		
reversed		Boolean		
submittedOnDate		date		date
type		GetClientsClientIdTransactionsType		

GetClientsClientIdTransactionsType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientsColumnHeaderData

Field Name	Required	Type	Description	Format
columnDisplayType		String		
columnLength		Integer		int32

Field Name	Required	Type	Description	Format
columnName		String		
columnType		String		
columnValues		List of [string]		
isColumnNullable		Boolean		
isColumnPrimaryKey		Boolean		

GetClientsDataTables

Field Name	Required	Type	Description	Format
applicationTableName		String		
columnHeaderData		Set of GetClientsColumnHeaderData		
registeredTableName		String		

GetClientsDocumentType

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetClientsGroups

Field Name	Required	Type	Description	Format
accountNo		String		
externalId		Long		int64
id		Long		int64
name		String		

GetClientsLoanAccounts

Field Name	Required	Type	Description	Format
accountNo		String		
externalId		Integer		int32
id		Integer		int32
loanCycle		Integer		int32
loanType		GetClientsLoanAccountsType		
productId		Integer		int32
productName		String		
status		GetClientsLoanAccountsStatus		

GetClientsLoanAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

GetClientsLoanAccountsType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetClientsOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetClientsPageItems

Field Name	Required	Type	Description	Format
amount		Double		double
currency		GetClientTransactionsCurrency		
date		date		date
id		Integer		int32
officeId		Integer		int32
officeName		String		
reversed		Boolean		
submittedOnDate		date		date
type		GetClientsClientIdTransactionsType		

GetClientsPageItemsResponse

Field Name	Required	Type	Description	Format
accountNo		String		
active		Boolean		

Field Name	Required	Type	Description	Format
displayName		String		
fullname		String		
id		Long		int64
officeId		Integer		int32
officeName		String		
status		GetClientStatus		

GetClientsResponse

GetClientsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetClientsPageItemsResponse		
totalFilteredRecords		Integer		int32

GetClientsSavingProductOptions

Field Name	Required	Type	Description	Format
allowOverdraft		Boolean		
id		Integer		int32
name		String		
withdrawalFeeForTransfers		Boolean		

GetClientsSavingsAccounts

Field Name	Required	Type	Description	Format
accountNo		String		
currency		GetClientsSavingsAccountsCurrency		

Field Name	Required	Type	Description	Format
depositType		GetClientsSavingsAccountsDepositType		
id		Integer		int32
productId		Integer		int32
productName		String		
shortProductName		String		
status		GetClientsSavingsAccountsStatus		

GetClientsSavingsAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetClientsSavingsAccountsDepositType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetClientsSavingsAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		

Field Name	Required	Type	Description	Format
closed		Boolean		
code		String		
id		Integer		int32
matured		Boolean		
prematureClosed		Boolean		
rejected		Boolean		
submittedAndPendingApproval		Boolean		
transferInProgress		Boolean		
transferOnHold		Boolean		
value		String		
withdrawnByApplicant		Boolean		

GetClientsStaffOptions

Field Name	Required	Type	Description	Format
displayName		String		
firstname		String		
id		Integer		int32
isActive		Boolean		
isLoanOfficer		Boolean		
lastname		String		
officeId		Integer		int32
officeName		String		

GetClientsTemplateResponse

GetClientsTemplateResponse

Field Name	Required	Type	Description	Format
activationDate		date		date

Field Name	Required	Type	Description	Format
datatables		Set of GetClientsDataTables		
officeId		Integer		int32
officeOptions		Set of GetClientsOfficeOptions		
savingProductOptions		Set of GetClientsSavingProductOptions		
staffOptions		Set of GetClientsStaffOptions		

GetClientsTimeline

Field Name	Required	Type	Description	Format
activatedByFirstname		String		
activatedByLastname		String		
activatedByUsername		String		
activatedOnDate		date		date
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetCodeValuesDataResponse

GetCodeValuesDataResponse

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
name		String		
position		Integer		int32

GetCodesResponse

GetCodesResponse

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		
systemDefined		Boolean		

GetCollateralCurrencyResponse

Field Name	Required	Type	Description	Format
code		String		

GetCollateralManagementsResponse

GetCollateralManagementsResponse

Field Name	Required	Type	Description	Format
basePrice		BigDecimal		
currency		GetCollateralCurrencyResponse		
id		Long		int64
name		String		
pctToBase		BigDecimal		
unitType		String		

GetCollateralProductTemplate

GetCollateralProductTemplate

Field Name	Required	Type	Description	Format
currency		GetCurrencyData		

GetCollateralTypeResponse

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetCollateralsTemplateAllowedTypes

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
position		Integer		int32

GetCurrenciesResponse

GetCurrenciesResponse

Field Name	Required	Type	Description	Format
currencyOptions		List of CurrencyData		
selectedCurrencyOptions		List of CurrencyData		

GetCurrencyData

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32

Field Name	Required	Type	Description	Format
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetDataTablesResponse

GetDataTablesResponse

Field Name	Required	Type	Description	Format
applicationTableName		String		
columnHeaderData		List of ResultSetColumnHeaderData		
registeredTableName		String		

GetEntityDatatableChecksResponse

GetEntityDatatableChecksResponse

Field Name	Required	Type	Description	Format
datatableName		String		
entity		String		
id		Long		int64
order		Long		int64
productId		Long		int64
productName		String		
status		EnumOptionData		
systemDefined		Boolean		

GetEntityDatatableChecksTemplateResponse

GetEntityDatatableChecksTemplateResponse

Field Name	Required	Type	Description	Format
datatables		List of [object]		
entities		List of [string]		
loanProductDatas		List of LoanProductData		
savingsProductDatas		List of SavingsProductData		
statusClient		List of [object]		
statusGroup		List of [object]		
statusLoans		List of [object]		
statusSavings		List of [object]		

GetEntityTypeEntityIdDocumentsResponse

GetEntityTypeEntityIdDocumentsResponse

Field Name	Required	Type	Description	Format
description		String		
fileName		String		
id		Long		int64
location		String		
name		String		
parentEntityId		Long		int64
parentEntityType		String		
size		Long		int64
storageType		Integer		int32
type		String		

GetEquityType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFieldConfigurationEntityResponse

GetFieldConfigurationEntityResponse

Field Name	Required	Type	Description	Format
entity		String		
field		String		
fieldConfigurationId		Integer		int32
is_enabled		String		
is_mandatory		String		
subentity		String		
validation_regex		String		

GetFinancialActivityAccountsResponse

GetFinancialActivityAccountsResponse

Field Name	Required	Type	Description	Format
financialActivityData		FinancialActivityData		
glAccountData		GLAccountData		
id		Long		int64

GetFixedDepositAccountsAccountChart

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNumber		Long		int64

Field Name	Required	Type	Description	Format
chartSlabs		Set of GetFixedDepositAccountsChartSlabs		
fromDate		date		date
id		Integer		int32
periodTypes		Set of GetFixedDepositAccountsPeriodTypes		

GetFixedDepositAccountsAccountChartCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetFixedDepositAccountsAccountIdCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetFixedDepositAccountsAccountIdResponse

GetFixedDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
accountChart		GetFixedDepositAccountsAccountChart		
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetFixedDepositAccountsAccountIdCurrency		
depositAmount		Float		float
depositPeriod		Integer		int32
depositPeriodFrequency		GetFixedDepositAccountsDepositPeriodFrequency		
externalId		String		
fieldOfficerId		Integer		int32
id		Integer		int32
interestCalculationDaysInYearType		GetFixedDepositAccountsInterestCalculationDaysInYearType		
interestCalculationType		GetFixedDepositAccountsInterestCalculationType		
interestCompoundingPeriodType		GetFixedDepositAccountsInterestCompoundingPeriodType		
interestFreePeriodApplicable		Boolean		
interestPostingPeriodType		GetFixedDepositAccountsInterestPostingPeriodType		
maturityAmount		Float		float
maturityDate		date		date

Field Name	Required	Type	Description	Format
maxDepositTerm		Integer		int32
maxDepositTermType		GetFixedDepositAccountsMaxDepositTermType		
minDepositTerm		Integer		int32
minDepositTermType		GetFixedDepositAccountsMinDepositTermType		
preClosurePenalApplicable		Boolean		
savingsProductId		Integer		int32
savingsProductName		String		
status		GetFixedDepositAccountsStatus		
summary		GetFixedDepositAccountsAccountIdSummary		
timeline		GetFixedDepositAccountsTimeline		

GetFixedDepositAccountsAccountIdSummary

Field Name	Required	Type	Description	Format
accountBalance		Float		float
currency		GetFixedDepositAccountsAccountIdCurrency		

GetFixedDepositAccountsChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double

Field Name	Required	Type	Description	Format
currency		GetFixedDepositAccountsAccountChartCurrency		
fromPeriod		Integer		int32
id		Integer		int32
periodType		GetFixedDepositAccountsPeriodType		
toPeriod		Integer		int32

GetFixedDepositAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetFixedDepositAccountsDepositPeriodFrequency

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetFixedDepositAccountsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsPeriodTypes

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositAccountsProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetFixedDepositAccountsResponse

GetFixedDepositAccountsResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
currency		GetFixedDepositAccountsCurrency		
depositAmount		Float		float
depositPeriod		Integer		int32
depositPeriodFrequency		GetFixedDepositAccountsDepositPeriodFrequency		
fieldOfficerId		Integer		int32
id		Integer		int32
interestCalculationDaysInYearType		GetFixedDepositAccountsInterestCalculationDaysInYearType		
interestCalculationType		GetFixedDepositAccountsInterestCalculationType		
interestCompoundingPeriodType		GetFixedDepositAccountsInterestCompoundingPeriodType		
interestFreePeriodApplicable		Boolean		
interestPostingPeriodType		GetFixedDepositAccountsInterestPostingPeriodType		
maturityAmount		Float		float
maturityDate		date		date
maxDepositTerm		Integer		int32
maxDepositTermType		GetFixedDepositAccountsMaxDepositTermType		
minDepositTerm		Integer		int32

Field Name	Required	Type	Description	Format
minDepositTermType		GetFixedDepositAccountsMinDepositTermType		
preClosurePenalApplicable		Boolean		
savingsProductId		Integer		int32
savingsProductName		String		
status		GetFixedDepositAccountsStatus		
summary		GetFixedDepositAccountsSummary		
timeline		GetFixedDepositAccountsTimeline		

GetFixedDepositAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
prematureClosed		Boolean		
rejected		Boolean		
submittedAndPendingApproval		Boolean		
transferInProgress		Boolean		
transferOnHold		Boolean		
withdrawnByApplicant		Boolean		

GetFixedDepositAccountsSummary

Field Name	Required	Type	Description	Format
accountBalance		Float		float
currency		GetFixedDepositAccountsCurrency		

GetFixedDepositAccountsTemplateResponse

GetFixedDepositAccountsTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
productOptions		Set of GetFixedDepositAccountsProductOptions		

GetFixedDepositAccountsTimeline

Field Name	Required	Type	Description	Format
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetFixedDepositProductsAccountingRule

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetFixedDepositProductsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetFixedDepositProductsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetFixedDepositProductsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdAccountingMappings

Field Name	Required	Type	Description	Format
incomeFromFeeAccount		GetFixedDepositProductsProductIdIncomeFromFeeAccount		

Field Name	Required	Type	Description	Format
incomeFromPenaltyAccount		GetFixedDepositProductsProductIdIncomeFromPenaltyAccount		
interestOnSavingsAccount		GetFixedDepositProductsProductIdInterestOnSavingsAccount		
savingsControlAccount		GetFixedDepositProductsProductIdSavingsControlAccount		
savingsReferenceAccount		GetFixedDepositProductsProductIdSavingsReferenceAccount		
transfersInSuspenseAccount		GetFixedDepositProductsProductIdTransfersInSuspenseAccount		

GetFixedDepositProductsProductIdActiveChart

Field Name	Required	Type	Description	Format
chartSlabs		Set of <i>GetFixedDepositProductsProductIdChartSlabs</i>		
fromDate		date		date
id		Integer		int32
periodTypes		Set of <i>GetFixedDepositProductsProductIdPeriodType</i>		
savingsProductId		Integer		int32
savingsProductName		String		

GetFixedDepositProductsProductIdChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
currency		GetFixedDepositProductsProductIdCurrency		
description		String		
fromPeriod		Integer		int32
id		Integer		int32
periodType		GetFixedDepositProductsProductIdPeriodType		
toPeriod		Integer		int32

GetFixedDepositProductsProductIdCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetFixedDepositProductsProductIdFeeToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetFixedDepositProductsProductIdFeeToIncomeAccountMappingsCharge		

Field Name	Required	Type	Description	Format
incomeAccount		GetFixedDepositProductsProductIdFeeToIncomeAccountMappingsIncomeAccount		

GetFixedDepositProductsProductIdFeeToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetFixedDepositProductsProductIdFeeToIncomeAccountMappingsIncomeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdIncomeFromFeeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdIncomeFromPenaltyAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdInterestOnSavingsAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdPenaltyToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetFixedDepositProductsProductIdPenaltyToIncomeAccountMappingsCharge		
incomeAccount		GetFixedDepositProductsProductIdIncomeFromPenaltyAccount		

GetFixedDepositProductsProductIdPenaltyToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetFixedDepositProductsProductIdPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdPreClosurePenalInterestOnType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFixedDepositProductsProductIdResponse

GetFixedDepositProductsProductIdResponse

Field Name	Required	Type	Description	Format
accountingMappings		GetFixedDepositProductsProductIdAccountingMappings		
activeChart		GetFixedDepositProductsProductIdActiveChart		
currency		GetFixedDepositProductsProductIdCurrency		
description		String		
feeToIncomeAccountMappings		Set of GetFixedDepositProductsProductIdFeeToIncomeAccountMappings		
id		Integer		int32
interestCalculationDaysInYearType		GetFixedDepositProductsInterestCalculationDaysInYearType		
interestCalculationType		GetFixedDepositProductsInterestCalculationType		
interestCompoundingPeriodType		GetFixedDepositProductsProductIdInterestCompoundingPeriodType		
interestPostingPeriodType		GetFixedDepositProductsInterestPostingPeriodType		
maxDepositTerm		Integer		int32
maxDepositTermType		GetFixedDepositProductsProductIdMaxDepositTermType		

Field Name	Required	Type	Description	Format
minDepositTerm		Integer		int32
minDepositTermType		GetFixedDepositProductsProductIdMinDepositTermType		
name		String		
penaltyToIncomeAccountMappings		Set of GetFixedDepositProductsProductIdPenaltyToIncomeAccountMappings		
preClosurePenalApplicable		Boolean		
preClosurePenalInterest		Double		double
preClosurePenalInterestOnType		GetFixedDepositProductsProductIdPreClosurePenalInterestOnType		
shortName		String		

GetFixedDepositProductsProductIdSavingsControlAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdSavingsReferenceAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsProductIdTransfersInSuspenseAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetFixedDepositProductsResponse

GetFixedDepositProductsResponse

Field Name	Required	Type	Description	Format
accountingRule		GetFixedDepositProductsAccountingRule		
currency		GetFixedDepositProductsCurrency		
description		String		
id		Integer		int32
interestCalculationDaysInYearType		GetFixedDepositProductsInterestCalculationDaysInYearType		
interestCalculationType		GetFixedDepositProductsInterestCalculationType		
interestCompoundingPeriodType		GetFixedDepositProductsInterestCompoundingPeriodType		
interestPostingPeriodType		GetFixedDepositProductsInterestPostingPeriodType		
maxDepositTerm		Integer		int32
maxDepositTermType		GetFixedDepositProductsMaxDepositTermType		

Field Name	Required	Type	Description	Format
minDepositTerm		Integer		int32
minDepositTermType		GetFixedDepositProductsMinDepositTermType		
name		String		
nominalAnnualInterestRate		Double		double
preClosurePenalApplicable		Boolean		
shortName		String		

GetFloatingRatesFloatingRateIdResponse

GetFloatingRatesFloatingRateIdResponse

Field Name	Required	Type	Description	Format
createdBy		String		
createdOn		String		
id		Integer		int32
isActive		Boolean		
isBaseLendingRate		Boolean		
modifiedBy		String		
modifiedOn		String		
name		String		
ratePeriods		Set of GetFloatingRatesRatePeriods		

GetFloatingRatesRatePeriods

Field Name	Required	Type	Description	Format
createdBy		String		
createdOn		String		

Field Name	Required	Type	Description	Format
fromDate		String		
id		Integer		int32
interestRate		Double		double
isActive		Boolean		
isDifferentialToBaseLendingRate		Boolean		
modifiedBy		String		
modifiedOn		String		

GetFloatingRatesResponse

GetFloatingRatesResponse

Field Name	Required	Type	Description	Format
createdBy		String		
createdOn		String		
id		Integer		int32
isActive		Boolean		
isBaseLendingRate		Boolean		
modifiedBy		String		
modifiedOn		String		
name		String		

GetFromAccountOptions

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNo		Integer		int32
accountType		GetAccountOptions		
clientId		Integer		int32
clientName		String		
officeId		Integer		int32

Field Name	Required	Type	Description	Format
officeName		String		

GetFromAccountStandingInstructionSwagger

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Long		int64
productId		Long		int64
productName		String		

GetFromAccountTypeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Long		int64

GetFromAccountTypeResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Long		int64

GetFromAccountTypeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetFromClientOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
displayName		String		
id		Long		int64
officeId		Long		int64
officeName		String		

GetFromClientStandingInstructionSwagger

Field Name	Required	Type	Description	Format
displayName		String		
id		Long		int64
officeId		Long		int64
officeName		String		

GetFromOfficeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		
nameDecorated		String		

GetFromOfficeResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
decoratedName		String		
externalId		Integer		int32
hierarchy		String		
id		Long		int64
name		String		
openingDate		date		date

GetFromOfficeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		

GetFundsResponse

GetFundsResponse

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetGLAccountsResponse

GetGLAccountsResponse

Field Name	Required	Type	Description	Format
description		String		
disabled		Boolean		
glCode		String		
id		Long		int64
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
organizationRunningBalance		Long		int64
parentId		Long		int64
tagId		CodeValueData		
type		EnumOptionData		
usage		EnumOptionData		

GetGLAccountsTemplateResponse

GetGLAccountsTemplateResponse

Field Name	Required	Type	Description	Format
accountTypeOptions		List of EnumOptionData		
allowedAssetsTagOptions		List of CodeValueData		
allowedEquityTagOptions		List of CodeValueData		
allowedExpensesTagOptions		List of CodeValueData		
allowedIncomeTagOptions		List of CodeValueData		
allowedLiabilitiesTagOptions		List of CodeValueData		
assetHeaderAccountOptions		List of GLAccountData		
disabled		Boolean		
equityHeaderAccountOptions		List of GLAccountData		
expenseHeaderAccountOptions		List of GLAccountData		
liabilityHeaderAccountOptions		List of GLAccountData		
manualEntriesAllowed		Boolean		
type		EnumOptionData		
usage		EnumOptionData		
usageOptions		List of EnumOptionData		

GetGLClosureResponse

GetGLClosureResponse

Field Name	Required	Type	Description	Format
closingDate		date		date
comments		String		
createdByUserId		Long		int64
createdByUsername		String		
createdDate		date		date
deleted		Boolean		
id		Long		int64
lastUpdatedByUserId		Long		int64
lastUpdatedByUsername		String		
lastUpdatedDate		date		date
officeId		Long		int64
officeName		String		

GetGlobalConfigurationsResponse

GetGlobalConfigurationsResponse

Field Name	Required	Type	Description	Format
globalConfiguration		List of GlobalConfigurationPropertyData		

GetGroupsGroupIdAccountsLoanAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Integer		int32
loanType		GetGroupsGroupIdAccountsLoanType		
productId		Integer		int32

Field Name	Required	Type	Description	Format
productName		String		
status		GetGroupsGroupIdAccountsStatus		

GetGroupsGroupIdAccountsLoanType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetGroupsGroupIdAccountsMemberLoanAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Integer		int32
loanType		GetGroupsGroupIdAccountsMemberLoanType		
productId		Integer		int32
productName		String		
status		GetGroupsGroupIdAccountsMemberLoanStatus		

GetGroupsGroupIdAccountsMemberLoanStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		

Field Name	Required	Type	Description	Format
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

GetGroupsGroupIdAccountsMemberLoanType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetGroupsGroupIdAccountsMemberSavingsAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64
accountType		GetGroupsGroupIdAccountsMemberLoanType		
currency		GetGroupsGroupIdAccountsSavingCurrency		
id		Integer		int32
productId		Integer		int32
productName		String		
status		GetGroupsGroupIdAccountsSavingStatus		

GetGroupsGroupIdAccountsResponse

GetGroupsGroupIdAccountsResponse

Field Name	Required	Type	Description	Format
loanAccounts		Set of GetGroupsGroupIdAccountsLoanAccounts		
memberLoanAccounts		Set of GetGroupsGroupIdAccountsMemberLoanAccounts		
memberSavingsAccounts		Set of GetGroupsGroupIdAccountsMemberSavingsAccounts		
savingsAccounts		Set of GetGroupsGroupIdAccountsSavingAccounts		

GetGroupsGroupIdAccountsSavingAccountType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetGroupsGroupIdAccountsSavingAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64
accountType		GetGroupsGroupIdAccountsSavingAccountType		

Field Name	Required	Type	Description	Format
currency		GetGroupsGroupIdAccountsSavingCurrency		
id		Integer		int32
productId		Integer		int32
productName		String		
status		GetGroupsGroupIdAccountsSavingStatus		

GetGroupsGroupIdAccountsSavingCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetGroupsGroupIdAccountsSavingStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		

Field Name	Required	Type	Description	Format
withdrawnByApplicant		Boolean		

GetGroupsGroupIdAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

GetGroupsGroupIdResponse

GetGroupsGroupIdResponse

Field Name	Required	Type	Description	Format
externalId		String		
hierarchy		String		
id		Integer		int32
name		String		
officeId		Integer		int32
officeName		String		

Field Name	Required	Type	Description	Format
timeline		GetGroupsGroupIdTimeline		

GetGroupsGroupIdTimeline

Field Name	Required	Type	Description	Format
activatedByFirstname		String		
activatedByLastname		String		
activatedByUsername		String		
activatedOnDate		date		date

GetGroupsPageItems

Field Name	Required	Type	Description	Format
active		Boolean		
hierarchy		String		
id		Integer		int32
name		String		
officeId		Integer		int32
officeName		String		
status		GetGroupsStatus		

GetGroupsResponse

GetGroupsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetGroupsPageItems		

Field Name	Required	Type	Description	Format
totalFilteredRecords		Integer		int32

GetGroupsStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetGroupsTemplateClientOptions

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32
officeId		Integer		int32
officeName		String		

GetGroupsTemplateColumnHeaderData

Field Name	Required	Type	Description	Format
columnDisplayType		String		
columnLength		Integer		int32
columnName		String		
columnType		String		
columnValues		Set of [object]		
isColumnNullable		Boolean		
isColumnPrimaryKey		Boolean		

GetGroupsTemplateDatatables

Field Name	Required	Type	Description	Format
applicationTableName		String		
columnHeaderData		Set of GetGroupsTemplateColumnHeaderData		
registeredTableName		String		

GetGroupsTemplateOfficeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetGroupsTemplateResponse

GetGroupsTemplateResponse

Field Name	Required	Type	Description	Format
clientOptions		Set of GetGroupsTemplateClientOptions		
datatables		Set of GetGroupsTemplateDatatables		
officeId		Integer		int32
officeOptions		Set of GetGroupsTemplateOfficeOptions		
staffOptions		Set of GetGroupsTemplateStaffOptions		

GetGroupsTemplateStaffOptions

Field Name	Required	Type	Description	Format
displayName		String		
id		Integer		int32

GetHolidaysResponse

GetHolidaysResponse

Field Name	Required	Type	Description	Format
fromDate		date		date
id		Long		int64
name		String		
officeId		Long		int64
repaymentsRescheduledTo		date		date
status		EnumOptionData		
toDate		date		date

GetHookResponse

GetHookResponse

Field Name	Required	Type	Description	Format
config		List of <i>Field</i>		
createdAt		date		date
displayName		String		
events		List of <i>Event</i>		
id		Long		int64
isActive		Boolean		
name		String		
templateId		Long		int64
templateName		String		

Field Name	Required	Type	Description	Format
updatedAt		date		date

GetHookTemplateResponse

GetHookTemplateResponse

Field Name	Required	Type	Description	Format
groupings		List of Grouping		
templates		List of HookTemplateData		

GetIncomeFromFeeAccountId

Field Name	Required	Type	Description	Format
glCode		String		
id		Integer		int32
name		String		

GetIncomeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetInstructionTypeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetInstructionTypeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetInterestRateChartsChartIdChartSlabsAttributeName

Field Name	Required	Type	Description	Format
code		Integer		int32
description		Integer		int32
id		Integer		int32

GetInterestRateChartsChartIdChartSlabsConditionType

Field Name	Required	Type	Description	Format
code		Integer		int32
description		Integer		int32
id		Integer		int32

GetInterestRateChartsChartIdChartSlabsEntityType

Field Name	Required	Type	Description	Format
code		Integer		int32
description		Integer		int32
id		Integer		int32

GetInterestRateChartsChartIdChartSlabsIncentiveType

Field Name	Required	Type	Description	Format
code		Integer		int32
description		Integer		int32

Field Name	Required	Type	Description	Format
id		Integer		int32

GetInterestRateChartsChartIdChartSlabsIncentives

Field Name	Required	Type	Description	Format
amount		Float		float
attributeName		GetInterestRateChartsChartIdChartSlabsAttributeName		
attributeValue		Integer		int32
attributeValueDesc		String		
conditionType		GetInterestRateChartsChartIdChartSlabsConditionType		
entityType		GetInterestRateChartsChartIdChartSlabsEntityType		
id		Integer		int32
incentiveType		GetInterestRateChartsChartIdChartSlabsIncentiveType		

GetInterestRateChartsChartIdChartSlabsResponse

GetInterestRateChartsChartIdChartSlabsResponse

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
currency		GetInterestRateChartsCurrency		
description		String		
fromPeriod		Integer		int32
id		Integer		int32

Field Name	Required	Type	Description	Format
incentives		Set of GetInterestRateChartsChartIdChartSlabsIncentives		
periodTypes		GetInterestRateChartsTemplatePeriodTypes		
toPeriod		Integer		int32

GetInterestRateChartsChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Integer		int32
currency		GetInterestRateChartsCurrency		
fromPeriod		Integer		int32
id		Integer		int32
periodTypes		GetInterestRateChartsTemplatePeriodTypes		

GetInterestRateChartsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetInterestRateChartsResponse

GetInterestRateChartsResponse

Field Name	Required	Type	Description	Format
chartSlabs		Set of GetInterestRateChartsChartSlabs		
fromDate		date		date
id		Integer		int32
savingsProductId		Integer		int32
savingsProductName		String		

GetInterestRateChartsTemplatePeriodTypes

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetInterestRateChartsTemplateResponse

GetInterestRateChartsTemplateResponse

Field Name	Required	Type	Description	Format
periodTypes		Set of GetInterestRateChartsTemplatePeriodTypes		

GetJobsJobIDJobRunHistoryResponse

GetJobsJobIDJobRunHistoryResponse

Field Name	Required	Type	Description	Format
pageItems		List of JobDetailHistoryDataSwagger		

Field Name	Required	Type	Description	Format
totalFilteredRecords		Integer		int32

GetJobsResponse

GetJobsResponse

Field Name	Required	Type	Description	Format
active		Boolean		
cronExpression		String		
currentlyRunning		Boolean		
displayName		String		
initializingError		String		
jobId		Long		int64
lastRunHistory		Object		
nextRunTime		Date		date-time

GetLoanAccountingMappings

Field Name	Required	Type	Description	Format
fundSourceAccount		GetLoanFundSourceAccount		
incomeFromFeeAccount		GetLoanIncomeFromFeeAccount		
incomeFromPenaltyAccount		GetLoanIncomeFromPenaltyAccount		
interestOnLoanAccount		GetLoanInterestOnLoanAccount		
loanPortfolioAccount		GetLoanPortfolioAccount		
overpaymentLiabilityAccount		GetLoanOverpaymentLiabilityAccount		

Field Name	Required	Type	Description	Format
transfersInSuspenseAccount		GetLoanTransfersInSuspenseAccount		
writeOffAccount		GetLoanWriteOffAccount		

GetLoanCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetLoanChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanChargeCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetLoanChargeTemplateChargeAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanChargeTemplateChargeOptions

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Float		float
chargeAppliesTo		GetLoanChargeTemplateChargeAppliesTo		
chargeCalculationType		GetLoanChargeCalculationType		
chargeTimeType		GetLoanChargeTemplateChargeTimeType		
currency		GetLoanChargeCurrency		
id		Integer		int32
name		String		
penalty		Boolean		

GetLoanChargeTemplateChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanCollateralManagementTemplate

GetLoanCollateralManagementTemplate

Field Name	Required	Type	Description	Format
basePrice		BigDecimal		
collateralId		Long		int64
name		String		
pctToBase		BigDecimal		
quantity		BigDecimal		

GetLoanCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetLoanFeeToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetLoanCharge		
incomeAccount		GetLoanIncomeFromFeeAccount		

GetLoanFundSourceAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanIncomeFromFeeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanIncomeFromPenaltyAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanInterestOnLoanAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanOverpaymentLiabilityAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32

Field Name	Required	Type	Description	Format
name		String		

GetLoanPaymentChannelToFundSourceMappings

Field Name	Required	Type	Description	Format
fundSourceAccount		GetLoanFundSourceAccount		
paymentType		GetLoanPaymentType		

GetLoanPaymentType

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetLoanPortfolioAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanProductsAccountingMappingOptions

Field Name	Required	Type	Description	Format
assetAccountOptions		Set of GetLoanProductsAssetAccountOptions		
expenseAccountOptions		Set of GetLoanProductsExpenseAccountOptions		

Field Name	Required	Type	Description	Format
incomeAccountOptions		Set of <i>GetLoanProductsIncomeAccountOptions</i>		
liabilityAccountOptions		Set of <i>GetLoanProductsLiabilityAccountOptions</i>		

GetLoanProductsAccountingRule

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsAmortizationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsAssetAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		

Field Name	Required	Type	Description	Format
organizationRunningBalance		Integer		int32
tagId		GetLoanProductsLiabilityTagId		
type		GetLoanProductsLiabilityType		
usage		GetLoanProductsLiabilityUsage		

GetLoanProductsChargeAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsChargeOptions

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Long		int64
chargeAppliesTo		GetLoanProductsChargeAppliesTo		
chargeCalculationType		GetLoanChargeCalculationType		
chargePaymentMode		GetLoansChargePaymentMode		
chargeTimeType		GetLoanChargeTimeType		
currency		GetLoanProductsCurrencyOptions		
id		Integer		int32
name		String		

Field Name	Required	Type	Description	Format
penalty		Boolean		

GetLoanProductsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetLoanProductsCurrencyOptions

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetLoanProductsDaysInYearTemplateType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsExpenseAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
organizationRunningBalance		Integer		int32
tagId		GetLoanProductsLiabilityTagId		
type		GetLoanProductsExpenseType		
usage		GetLoanProductsLiabilityUsage		

GetLoanProductsExpenseType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsIncomeAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		

Field Name	Required	Type	Description	Format
name		String		
nameDecorated		String		
organizationRunningBalance		Integer		int32
tagId		GetLoanProductsLiabilityTagId		
type		GetLoanProductsIncomeType		
usage		GetLoanProductsLiabilityUsage		

GetLoanProductsIncomeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestRateFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestRateTemplateFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestRecalculationCompoundingFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestRecalculationCompoundingType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestRecalculationData

Field Name	Required	Type	Description	Format
id		Integer		int32
interestRecalculationCompoundingFrequencyType		GetLoanProductsInterestRecalculationCompoundingFrequencyType		
interestRecalculationCompoundingType		GetLoanProductsInterestRecalculationCompoundingType		
isArrearsBasedOnOriginalSchedule		Boolean		
preClosureInterestCalculationStrategy		GetLoanProductsPreClosureInterestCalculationStrategy		
productId		Integer		int32
recalculationRestFrequencyType		GetLoanProductsInterestRecalculationCompoundingFrequencyType		

Field Name	Required	Type	Description	Format
rescheduleStrategyType		GetLoanProductsRescheduleStrategyType		

GetLoanProductsInterestRecalculationTemplateData

Field Name	Required	Type	Description	Format
interestRecalculationCompoundingType		GetLoanProductsInterestRecalculationCompoundingType		
preClosureInterestCalculationStrategy		GetLoanProductsPreClosureInterestCalculationStrategy		
rescheduleStrategyType		GetLoanProductsRescheduleStrategyType		

GetLoanProductsInterestTemplateType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsInterestType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsLiabilityAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
organizationRunningBalance		Integer		int32
tagId		GetLoanProductsLiabilityTagId		
type		GetLoanProductsLiabilityType		
usage		GetLoanProductsLiabilityUsage		

GetLoanProductsLiabilityTagId

Field Name	Required	Type	Description	Format
id		Integer		int32

GetLoanProductsLiabilityType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsLiabilityUsage

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetLoanProductsParamType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsPaymentTypeOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
position		Integer		int32

GetLoanProductsPreClosureInterestCalculationStrategy

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsPrincipalVariationsForBorrowerCycle

Field Name	Required	Type	Description	Format
borrowerCycleNumber		Integer		int32
defaultValue		Double		double
id		Integer		int32

Field Name	Required	Type	Description	Format
maxValue		Double		double
minValue		Double		double
paramType		GetLoanProductsParamType		
valueConditionType		GetLoanProductsValueConditionType		

GetLoanProductsProductIdResponse

GetLoanProductsProductIdResponse

Field Name	Required	Type	Description	Format
accountingMappings		GetLoanAccountingMappings		
accountingRule		GetLoanProductsAccountingRule		
amortizationType		GetLoanProductsAmortizationType		
annualInterestRate		Double		double
charges		List of [integer]		int32
currency		GetLoanProductsCurrency		
feeToIncomeAccountMappings		Set of GetLoanFeeToIncomeAccountMappings		
fixedPrincipalPercentagePerInstallment		BigDecimal		
id		Integer		int32
includeInBorrowerCycle		Boolean		
interestCalculationPeriodType		GetLoansProductsInterestCalculationPeriodType		

Field Name	Required	Type	Description	Format
interestRateFrequencyType		GetLoanProductsInterestRateFrequencyType		
interestRatePerPeriod		Double		double
interestRateVariationsForBorrowerCycle		List of [integer]		int32
interestType		GetLoanProductsInterestTemplateType		
maxPrincipal		Double		double
maxTrancheCount		Integer		int32
minPrincipal		Double		double
multiDisburseLoan		Boolean		
name		String		
numberOfRepaymentVariationsForBorrowerCycle		List of [integer]		int32
numberOfRepayments		Integer		int32
outstandingLoanBalance		Double		double
overdueDaysForNPA		Integer		int32
paymentChannelToFundSourceMappings		Set of GetLoanPaymentChannelToFundSourceMappings		
principal		Double		double
principalThresholdForLastInstalment		Integer		int32
productsPrincipalVariationsForBorrowerCycle		Set of GetLoanProductsPrincipalVariationsForBorrowerCycle		

Field Name	Required	Type	Description	Format
repaymentEvery		Integer		int32
repaymentFrequencyType		GetLoanProductsRepaymentFrequencyType		
shortName		String		
status		String		
transactionProcessingStrategyId		Integer		int32
transactionProcessingStrategyName		String		
useBorrowerCycle		Boolean		

GetLoanProductsRepaymentFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsRepaymentTemplateFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsRescheduleStrategyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsResponse

GetLoanProductsResponse

Field Name	Required	Type	Description	Format
accountingRule		GetLoanProductsAccountingRule		
amortizationType		GetLoanProductsAmortizationType		
annualInterestRate		Double		double
currency		GetLoanProductsCurrency		
daysInMonthType		GetLoansProductsDaysInMonthType		
daysInYearType		GetLoansProductsDaysInYearType		
endDate		date		date
fixedPrincipalPercentagePerInstallment		BigDecimal		
id		Integer		int32
includeInBorrowerCycle		Boolean		
interestCalculationPeriodType		GetLoansProductsInterestCalculationPeriodType		
interestRateFrequencyType		GetLoanProductsInterestRateFrequencyType		
interestRatePeriod		Double		double
interestRateVariationsForBorrowerCycle		List of [integer]		int32
interestRecalculationData		GetLoanProductsInterestRecalculationData		

Field Name	Required	Type	Description	Format
interestType		GetLoanProductsInterestType		
isInterestRecalculationEnabled		Boolean		
maxNumberOfRepayments		Integer		int32
maxPrincipal		Double		double
minNumberOfRepayments		Integer		int32
minPrincipal		Double		double
name		String		
numberOfRepaymentVariationsForBorrowerCycle		List of [integer]		int32
numberOfRepayments		Integer		int32
principal		Double		double
principalThresholdForLastInstalment		Integer		int32
principalVariationsForBorrowerCycle		List of [integer]		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		GetLoanProductsRepaymentFrequencyType		
shortName		String		
startDate		date		date
status		String		
transactionProcessingStrategyId		Integer		int32
transactionProcessingStrategyName		String		
useBorrowerCycle		Boolean		

GetLoanProductsTemplateCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetLoanProductsTemplateResponse

GetLoanProductsTemplateResponse

Field Name	Required	Type	Description	Format
accountingMappingOptions		GetLoanProductsAccountingMappingOptions		
accountingRule		GetLoanProductsAccountingRule		
accountingRuleOptions		Set of <i>GetLoanProductsAccountingRule</i>		
amortizationType		GetLoanProductsAmortizationType		
amortizationTypeOptions		Set of <i>GetLoanProductsAmortizationType</i>		
chargeOptions		Set of <i>GetLoanProductsChargeOptions</i>		
currency		GetLoanProductsTemplateCurrency		

Field Name	Required	Type	Description	Format
currencyOptions		Set of GetLoanProductsCurrencyOptions		
daysInMonthType		GetLoansProductsDaysInMonthTemplateType		
daysInMonthTypeOptions		Set of GetLoansProductsDaysInMonthTemplateType		
daysInYearType		GetLoanProductsDaysInYearTemplateType		
daysInYearTypeOptions		Set of GetLoanProductsInterestTemplateType		
includeInBorrowerCycle		Boolean		
interestCalculationPeriodType		GetLoansProductsInterestCalculationPeriodType		
interestCalculationPeriodTypeOptions		Set of GetLoansProductsInterestCalculationPeriodType		
interestRateFrequencyType		GetLoanProductsInterestRateTemplateFrequencyType		
interestRateFrequencyTypeOptions		Set of GetLoanProductsInterestRateTemplateFrequencyType		
interestRateVariationsForBorrowerCycle		List of [integer]		int32

Field Name	Required	Type	Description	Format
interestRecalculationCompoundingTypeOptions		Set of GetLoanProductsInterestRecalculationCompoundingType		
interestRecalculationData		GetLoanProductsInterestRecalculationTemplateData		
interestRecalculationFrequencyTypeOptions		Set of GetLoanProductsInterestRecalculationCompoundingFrequencyType		
interestType		GetLoanProductsInterestTemplateType		
interestTypeOptions		Set of GetLoanProductsInterestTemplateType		
isInterestRecalculationEnabled		Boolean		
numberOfRepaymentVariationsForBorrowerCycle		List of [integer]		int32
paymentTypeOptions		Set of GetLoanProductsPaymentTypeOptions		
preClosureInterestCalculationStrategyOptions		Set of GetLoanProductsPreClosureInterestCalculationStrategy		
principalVariationsForBorrowerCycle		List of [integer]		int32
repaymentFrequencyType		GetLoanProductsRepaymentTemplateFrequencyType		

Field Name	Required	Type	Description	Format
repaymentFrequencyTypeOptions		Set of <i>GetLoanProductsRepaymentTemplateFrequencyType</i>		
rescheduleStrategyTypeOptions		Set of <i>GetLoanProductsRescheduleStrategyType</i>		
transactionProcessingStrategyOptions		Set of <i>GetLoanProductsTransactionProcessingStrategyOptions</i>		
useBorrowerCycle		Boolean		
valueConditionTypeOptions		Set of <i>GetLoanProductsValueConditionTypeOptions</i>		

GetLoanProductsTransactionProcessingStrategyOptions

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
name		String		

GetLoanProductsValueConditionType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanProductsValueConditionTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoanTransfersInSuspenseAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoanWriteOffAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetLoansChargePaymentMode

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		

Field Name	Required	Type	Description	Format
displaySymbol		String		
name		String		
nameCode		String		

GetLoansLoanIdAmortizationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdChargePaymentMode

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdChargesChargeIdResponse

GetLoansLoanIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
amount		Float		float
amountOrPercentage		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountPercentageAppliedTo		Double		double
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetLoanChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetLoanChargeTimeType		
currency		GetLoanChargeCurrency		
id		Integer		int32
name		String		
penalty		Boolean		
percentage		Double		double

GetLoansLoanIdChargesTemplateResponse

GetLoansLoanIdChargesTemplateResponse

Field Name	Required	Type	Description	Format
amountPaid		Float		float
amountWaived		Float		float
amountWrittenOff		Float		float

Field Name	Required	Type	Description	Format
chargeOptions		Set of GetLoanChargeTemplateChargeOptions		
penalty		Boolean		

GetLoansLoanIdCollateralsResponse

GetLoansLoanIdCollateralsResponse

Field Name	Required	Type	Description	Format
currency		GetCollateralCurrencyResponse		
description		String		
id		Integer		int32
type		GetCollateralTypeResponse		
value		Long		int64

GetLoansLoanIdCollateralsTemplateResponse

GetLoansLoanIdCollateralsTemplateResponse

Field Name	Required	Type	Description	Format
allowedCollateralTypes		Set of GetCollateralsTemplateAllowedTypes		

GetLoansLoanIdCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		

Field Name	Required	Type	Description	Format
name		String		
nameCode		String		

GetLoansLoanIdDisbursementDetails

Field Name	Required	Type	Description	Format
approvedPrincipal		Float		float
expectedDisbursementDate		date		date
id		Integer		int32
principal		Float		float

GetLoansLoanIdFeeFrequency

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdInterestCalculationPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdInterestRateFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetLoansLoanIdInterestType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdLinkedAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Integer		int32

GetLoansLoanIdLoanType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdOverdueCharges

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Float		float
chargeAppliesTo		GetLoanChargeTemplateChargeAppliesTo		

Field Name	Required	Type	Description	Format
chargeCalculationType		GetLoansLoanIdChargeCalculationType		
chargePaymentMode		GetLoansLoanIdChargePaymentMode		
chargeTimeType		GetLoansLoanIdChargeTimeType		
currency		GetLoanCurrency		
feeFrequency		GetLoansLoanIdFeeFrequency		
feeInterval		Integer		int32
id		Integer		int32
name		String		
penalty		Boolean		

GetLoansLoanIdRepaymentFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdRepaymentPeriod

Field Name	Required	Type	Description	Format
complete		Boolean		
daysInPeriod		Long		int64
dueDate		date		date
feeChargesDue		Long		int64
feeChargesOutstanding		Long		int64
feeChargesPaid		Long		int64

Field Name	Required	Type	Description	Format
feeChargesWaived		Long		int64
feeChargesWrittenOff		Long		int64
fromDate		date		date
interestDue		Long		int64
interestOriginalDue		Long		int64
interestOutstanding		Long		int64
interestPaid		Long		int64
interestWaived		Long		int64
interestWrittenOff		Long		int64
obligationsMetOnDate		date		date
penaltyChargesDue		Long		int64
penaltyChargesOutstanding		Long		int64
penaltyChargesPaid		Long		int64
penaltyChargesWaived		Long		int64
penaltyChargesWrittenOff		Long		int64
period		Integer		int32
principalDue		Double		double
principalLoanBalanceOutstanding		Double		double
principalOriginalDue		Double		double
principalOutstanding		Double		double
principalPaid		Double		double
principalWrittenOff		Long		int64

Field Name	Required	Type	Description	Format
totalActualCostOfLoanForPeriod		Long		int64
totalDueForPeriod		Double		double
totalInstallmentAmountForPeriod		Double		double
totalOriginalDueForPeriod		Double		double
totalOutstandingForPeriod		Double		double
totalPaidForPeriod		Double		double
totalPaidInAdvanceForPeriod		Double		double
totalPaidLateForPeriod		Long		int64
totalWaivedForPeriod		Long		int64
totalWrittenOffForPeriod		Long		int64

GetLoansLoanIdRepaymentSchedule

Field Name	Required	Type	Description	Format
currency		GetLoansLoanIdCurrency		
loanTermInDays		Long		int64
periods		Set of <i>GetLoansLoanIdRepaymentPeriod</i>		
totalFeeChargesCharged		Double		double
totalInterestCharged		Double		double
totalOutstanding		Double		double

Field Name	Required	Type	Description	Format
totalPaidInAdvance		Double		double
totalPaidLate		Double		double
totalPenaltyChargesCharged		Double		double
totalPrincipalDisbursed		Double		double
totalPrincipalExpected		Double		double
totalPrincipalPaid		Double		double
totalRepaymentExpected		Double		double
totalWaived		Double		double
totalWrittenOff		Double		double

GetLoansLoanIdResponse

GetLoansLoanIdResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amortizationType		GetLoansLoanIdAmortizationType		
annualInterestRate		Integer		int32
approvedPrincipal		Double		double
clientId		Integer		int32
clientName		String		
clientOfficeId		Integer		int32
currency		GetLoansLoanIdCurrency		
fixedPrincipalPercentagePerInstallment		BigDecimal		
id		Long		int64

Field Name	Required	Type	Description	Format
interestCalculationPeriodType		GetLoansLoanIdInterestCalculationPeriodType		
interestRateFrequencyType		GetLoansLoanIdInterestRateFrequencyType		
interestRatePerPeriod		Integer		int32
interestType		GetLoansLoanIdInterestType		
loanOfficerId		Integer		int32
loanOfficerName		String		
loanProductDescription		String		
loanProductId		Integer		int32
loanProductName		String		
loanPurposeId		Integer		int32
loanPurposeName		String		
loanType		GetLoansLoanIdLoanType		
netDisbursalAmount		Double		double
numberOfRepayments		Integer		int32
principal		BigDecimal		
repaymentEvery		Integer		int32
repaymentFrequencyType		GetLoansLoanIdRepaymentFrequencyType		
repaymentSchedule		GetLoansLoanIdRepaymentSchedule		
status		GetLoansLoanIdStatus		

Field Name	Required	Type	Description	Format
summary		GetLoansLoanIdSummary		
termFrequency		Integer		int32
termPeriodFrequencyType		GetLoansLoanIdTermPeriodFrequencyType		
timeline		GetLoansLoanIdTimeline		
transactionProcessingStrategyId		Integer		int32

GetLoansLoanIdStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

GetLoansLoanIdSummary

Field Name	Required	Type	Description	Format
canDisburse		Boolean		

Field Name	Required	Type	Description	Format
currency		GetLoansLoanIdCurrency		
disbursementDetails		Set of GetLoansLoanIdDisbursementDetails		
emiAmountVariations		Set of [object]		
feeChargesCharged		Long		int64
feeChargesDueAtDisbursementCharged		Long		int64
feeChargesOutstanding		Long		int64
feeChargesOverdue		Long		int64
feeChargesPaid		Long		int64
feeChargesWaived		Long		int64
feeChargesWrittenOff		Long		int64
fixedEmiAmount		Float		float
inArrears		Boolean		
interestCharged		Long		int64
interestOutstanding		Long		int64
interestOverdue		Long		int64
interestPaid		Long		int64
interestWaived		Long		int64
interestWrittenOff		Long		int64
isNPA		Boolean		
linkedAccount		GetLoansLoanIdLinkedAccount		
maxOutstandingLoanBalance		Long		int64

Field Name	Required	Type	Description	Format
overdueCharges		Set of GetLoansLoanIdOverdueCharges		
overdueSinceDate		date		date
penaltyChargesCharged		Long		int64
penaltyChargesOutstanding		Long		int64
penaltyChargesOverdue		Long		int64
penaltyChargesPaid		Long		int64
penaltyChargesWaived		Long		int64
penaltyChargesWrittenOff		Long		int64
principalDisbursed		Long		int64
principalOutstanding		Long		int64
principalOverdue		Double		double
principalPaid		Long		int64
principalWrittenOff		Long		int64
totalCostOfLoan		Long		int64
totalExpectedCostOfLoan		Long		int64
totalExpectedRepayment		Long		int64
totalOutstanding		Long		int64
totalOverdue		Double		double
totalRepayment		Long		int64
totalWaived		Long		int64
totalWrittenOff		Long		int64

GetLoansLoanIdTermPeriodFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansLoanIdTimeline

Field Name	Required	Type	Description	Format
actualDisbursementDate		date		date
approvedByFirstname		String		
approvedByLastname		String		
approvedByUsername		String		
approvedOnDate		date		date
closedOnDate		date		date
disbursedByFirstname		String		
disbursedByLastname		String		
disbursedByUsername		String		
expectedDisbursementDate		date		date
expectedMaturityDate		date		date
submittedByFirstname		String		
submittedByLastname		String		

Field Name	Required	Type	Description	Format
submittedByUserName		String		
submittedOnDate		date		date

GetLoansLoanIdTransactionsTemplateResponse

GetLoansLoanIdTransactionsTemplateResponse

Field Name	Required	Type	Description	Format
date		date		date
total		GetLoansTotal		
transactionType		GetLoansTransactionType		

GetLoansLoanIdTransactionsTransactionIdResponse

GetLoansLoanIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
amount		Double		double
currency		GetLoansCurrency		
date		date		date
id		Integer		int32
interestPortion		Double		double
manuallyReversed		Boolean		
submittedOnDate		date		date
type		GetLoansType		

GetLoansProductsDaysInMonthTemplateType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetLoansProductsDaysInMonthType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansProductsDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansProductsInterestCalculationPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansResponse

GetLoansResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetLoansLoanIdResponse		
totalFilteredRecords		Integer		int32

GetLoansTemplateProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetLoansTemplateResponse

GetLoansTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
clientName		String		
clientOfficeId		Integer		int32
productOptions		Set of GetLoansTemplateProductOptions		
timeline		GetLoansTemplateTimeline		

GetLoansTemplateTimeline

Field Name	Required	Type	Description	Format
expectedDisbursementDate		date		date

GetLoansTotal

Field Name	Required	Type	Description	Format
amount		Float		float
currencyCode		String		
defaultName		String		
digitsAfterDecimal		Integer		int32
displaySymbol		String		

Field Name	Required	Type	Description	Format
displaySymbolValue		String		
greaterThanZero		Boolean		
inMultiplesOf		Integer		int32
nameCode		String		
zero		Boolean		

GetLoansTransactionType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetLoansType

Field Name	Required	Type	Description	Format
code		String		
contra		Boolean		
description		String		
disbursement		Boolean		
id		Integer		int32
recoveryRepayment		Boolean		
repayment		Boolean		
repaymentAtDisbursement		Boolean		
waiveCharges		Boolean		
waiveInterest		Boolean		
writeOff		Boolean		

GetLockPeriodTypeEnum

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetMakerCheckerResponse

GetMakerCheckerResponse

Field Name	Required	Type	Description	Format
actionName		String		
checkedOnDate		Date		date-time
checker		String		
clientId		Long		int64
clientName		String		
commandAsJson		String		
entityName		String		
groupLevelName		String		
groupName		String		
id		Long		int64
loanAccountNo		String		
loanId		Long		int64
madeOnDate		Date		date-time
maker		String		
officeName		String		
processingResult		String		
resourceId		Long		int64
savingsAccountNo		String		
subresourceId		Long		int64
url		String		

GetMakerCheckersSearchTemplateResponse

GetMakerCheckersSearchTemplateResponse

Field Name	Required	Type	Description	Format
actionNames		List of [string]		
appUsers		List of AppUserData		
entityNames		List of [string]		
processingResults		List of ProcessingResultLookup		

GetNotesNoteType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetNotification

Field Name	Required	Type	Description	Format
action		String		
actorId		Long		int64
content		String		
createdAt		String		
id		Long		int64
isRead		Boolean		
isSystemGenerated		Boolean		
objectId		Long		int64
objectType		String		
officeId		Long		int64
tenantIdentifier		String		

Field Name	Required	Type	Description	Format
userIds		List of [long]		int64

GetNotificationsResponse

GetNotificationsResponse

Field Name	Required	Type	Description	Format
pageItems		List of GetNotification		
totalFilteredRecords		Integer		int32

GetOfficesResponse

GetOfficesResponse

Field Name	Required	Type	Description	Format
externalId		String		
hierarchy		String		
id		Long		int64
name		String		
nameDecorated		String		
openingDate		date		date

GetOfficesTemplateResponse

GetOfficesTemplateResponse

Field Name	Required	Type	Description	Format
allowedParents		List of GetOfficesResponse		
openingDate		date		date

GetPageItemsStandingInstructionSwagger

Field Name	Required	Type	Description	Format
accountDetailId		Long		int64
amount		Float		float
fromAccount		GetFromAccountStandingInstructionSwagger		
fromAccountType		GetFromAccountTypeStandingInstructionSwagger		
fromClient		GetFromClientStandingInstructionSwagger		
fromOffice		GetFromOfficeStandingInstructionSwagger		
id		Long		int64
instructionType		GetInstructionTypeStandingInstructionSwagger		
name		String		
priority		GetPriorityStandingInstructionSwagger		
recurrenceFrequency		GetRecurrenceFrequencyStandingInstructionSwagger		
recurrenceInterval		Integer		int32
recurrenceOnMonthDay		date		date
recurrenceType		GetRecurrenceTypeStandingInstructionSwagger		
status		GetStatusStandingInstructionSwagger		

Field Name	Required	Type	Description	Format
toAccount		GetToAccountStandingInstructionSwagger		
toAccountType		GetToAccountTypeStandingInstructionSwagger		
toClient		GetToClientStandingInstructionSwagger		
toOffice		GetToOfficeStandingInstructionSwagger		
transferType		GetTransferTypeStandingInstructionSwagger		
validFrom		date		date

GetPasswordPreferencesTemplateResponse

GetPasswordPreferencesTemplateResponse

Field Name	Required	Type	Description	Format
active		Boolean		
description		String		
id		Long		int64
key		String		

GetPaymentTypesPaymentTypeIdResponse

GetPaymentTypesPaymentTypeIdResponse

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32
isCashPayment		Boolean		

Field Name	Required	Type	Description	Format
name		String		
position		Integer		int32

GetPaymentTypesResponse

GetPaymentTypesResponse

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32
isCashPayment		Boolean		
name		String		
position		Integer		int32

GetPermissionsResponse

GetPermissionsResponse

Field Name	Required	Type	Description	Format
actionName		String		
code		String		
entityName		String		
grouping		String		
selected		Boolean		

GetPocketData

Field Name	Required	Type	Description	Format
row		String		

GetPocketLoanAccounts

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNumber		Integer		int32
accountType		Integer		int32
id		Integer		int32
pocketId		Integer		int32

GetPocketSavingAccounts

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNumber		Integer		int32
accountType		Integer		int32
id		Integer		int32
pocketId		Integer		int32

GetPostDatedChecks

GetPostDatedChecks

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amount		BigDecimal		
date		date		date
id		Long		int64
installmentId		Integer		int32
name		String		

GetPriorityOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetPriorityStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetProductsAccountingMappingOptions

Field Name	Required	Type	Description	Format
assetAccountOptions		Set of GetProductsAssetAccountOptions		
equityAccountOptions		Set of GetProductsEquityAccountOptions		
incomeAccountOptions		Set of GetProductsIncomeAccountOptions		
liabilityAccountOptions		Set of GetProductsLiabilityAccountOptions		

GetProductsAccountingMappings

Field Name	Required	Type	Description	Format
incomeFromFeeAccountId		GetIncomeFromFeeAccountId		
shareEquityId		GetShareEquityId		
shareReferenceId		GetShareReferenceId		

Field Name	Required	Type	Description	Format
shareSuspenseId		GetShareSuspenseId		

GetProductsAccountingRule

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetProductsAssetAccountOptions

Field Name	Required	Type	Description	Format
description		String		
disabled		Boolean		
glCode		String		
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
tagId		GetProductsTagId		
type		GetAssetType		
usage		GetProductsLiabilityUsage		

GetProductsCharges

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Integer		int32

Field Name	Required	Type	Description	Format
chargeAppliesTo		GetChargeAppliesTo		
chargeCalculationType		GetChargeCalculationType		
chargePaymentMode		GetChargePaymentMode		
chargeTimeType		GetChargeTimeType		
currency		GetChargesCurrency		
id		Integer		int32
name		String		
penalty		Boolean		

GetProductsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetProductsEquityAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		String		
id		Integer		int32

Field Name	Required	Type	Description	Format
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
tagId		GetProductsTagId		
type		GetEquityType		
usage		GetProductsLiabilityUsage		

GetProductsIncomeAccountOptions

Field Name	Required	Type	Description	Format
description		String		
disabled		Boolean		
glCode		String		
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
tagId		GetProductsTagId		
type		GetIncomeType		
usage		GetProductsLiabilityUsage		

GetProductsLiabilityAccountOptions

Field Name	Required	Type	Description	Format
description		String		
disabled		Boolean		
glCode		String		
id		Integer		int32

Field Name	Required	Type	Description	Format
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
tagId		GetProductsTagId		
type		GetProductsLiabilityType		
usage		GetProductsLiabilityUsage		

GetProductsLiabilityType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetProductsLiabilityUsage

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetProductsMarketPrice

Field Name	Required	Type	Description	Format
fromDate		String		
id		Integer		int32
shareValue		Integer		int32

GetProductsMinimumActivePeriodFrequencyTypeOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetProductsPageItems

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
shortName		String		
totalShares		Integer		int32

GetProductsTagId

Field Name	Required	Type	Description	Format
id		Integer		int32
isActive		Boolean		

GetProductsTypeProductIdResponse

GetProductsTypeProductIdResponse

Field Name	Required	Type	Description	Format
accountingMappingOptions		GetProductsAccountingMappingOptions		
accountingMappings		GetProductsAccountingMappings		
accountingRule		GetProductsAccountingRule		

Field Name	Required	Type	Description	Format
allowDividendCalculationForInactiveClients		Boolean		
chargeOptions		Set of GetProductsCharges		
charges		Set of GetProductsCharges		
currency		GetProductsCurrency		
currencyOptions		Set of GetChargesCurrency		
description		String		
id		Integer		int32
lockPeriodTypeEnum		GetLockPeriodTypeEnum		
lockinPeriod		Integer		int32
lockinPeriodFrequencyTypeOptions		Set of GetProductsMinimumActivePeriodFrequencyTypeOptions		
marketPrice		Set of GetProductsMarketPrice		
maximumShares		Integer		int32
minimumActivePeriod		Integer		int32
minimumActivePeriodForDividendsTypeEnum		GetLockPeriodTypeEnum		
minimumActivePeriodFrequencyTypeOptions		Set of GetProductsMinimumActivePeriodFrequencyTypeOptions		

Field Name	Required	Type	Description	Format
minimumShares		Integer		int32
name		String		
nominalShares		Integer		int32
shareCapital		Integer		int32
shortName		String		
totalShares		Integer		int32
totalSharesIssued		Integer		int32
unitPrice		Integer		int32

GetProductsTypeResponse

GetProductsTypeResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetProductsPageItems		
totalFilteredRecords		Integer		int32

GetProvisioningCriteriaCriteriaIdResponse

GetProvisioningCriteriaCriteriaIdResponse

Field Name	Required	Type	Description	Format
createdBy		String		
criteriaId		Long		int64
criteriaName		String		
loanProducts		List of LoanProductData		
provisioningcriteria		List of ProvisioningCriteriaDefinitionData		

GetProvisioningCriteriaResponse

GetProvisioningCriteriaResponse

Field Name	Required	Type	Description	Format
createdBy		String		
criteriaId		Long		int64
criteriaName		String		

GetRecurrenceFrequencyOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurrenceFrequencyStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurrenceTypeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurrenceTypeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetRecurringDepositAccountsAccountChart

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNumber		Long		int64
chartSlabs		Set of <i>GetRecurringDepositAccountsChartSlabs</i>		
fromDate		date		date
id		Integer		int32
periodTypes		Set of <i>GetRecurringDepositAccountsPeriodTypes</i>		

GetRecurringDepositAccountsAccountChartCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetRecurringDepositAccountsAccountIdResponse

GetRecurringDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
accountChart		GetRecurringDepositAccountsAccountChart		
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetRecurringDepositAccountsCurrency		
depositPeriod		Integer		int32
depositPeriodFrequency		GetRecurringDepositAccountsDepositPeriodFrequency		
expectedFirstDepositOnDate		date		date
externalId		String		
fieldOfficerId		Integer		int32
id		Integer		int32

Field Name	Required	Type	Description	Format
interestCalculationDaysInYearType		GetRecurringDepositAccountsInterestCalculationDaysInYearType		
interestCalculationType		GetRecurringDepositAccountsInterestCalculationType		
interestCompoundingPeriodType		GetRecurringDepositAccountsInterestCompoundingPeriodType		
interestPostingPeriodType		GetRecurringDepositAccountsInterestPostingPeriodType		
maxDepositTerm		Integer		int32
maxDepositTermType		GetRecurringDepositAccountsMaxDepositTermType		
minDepositTerm		Integer		int32
minDepositTermType		GetRecurringDepositAccountsMinDepositTermType		
preClosurePenalApplicable		Boolean		
recurringDepositAmount		Integer		int32
recurringDepositFrequency		Integer		int32
recurringDepositFrequencyType		GetRecurringDepositAccountsRecurringDepositFrequencyType		
savingsProductId		Integer		int32
savingsProductName		String		

Field Name	Required	Type	Description	Format
status		GetRecurringDepositAccountsStatus		
summary		GetRecurringDepositAccountsSummary		
timeline		GetRecurringDepositAccountsTimeline		

GetRecurringDepositAccountsChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
currency		GetRecurringDepositAccountsAccountChartCurrency		
fromPeriod		Integer		int32
id		Integer		int32
periodType		GetRecurringDepositAccountsPeriodType		
toPeriod		Integer		int32

GetRecurringDepositAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetRecurringDepositAccountsDepositPeriodFrequency

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetRecurringDepositAccountsMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsPeriodTypes

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTemplateResponse

GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTemplateResponse

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNo		String		
amount		BigDecimal		
currency		GetRecurringCurrency		
date		date		date
id		Integer		int32
paymentTypeOptions		List of [integer]		int32
reversed		Boolean		
transactionType		GetRecurringTransactionType		

GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

GetRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNo		String		
amount		Float		float
currency		GetRecurringTransactionsCurrency		
date		date		date
id		Integer		int32
paymentDetailData		GetRecurringPaymentDetailData		
reversed		Boolean		

Field Name	Required	Type	Description	Format
runningBalance		Integer		int32
transactionType		GetRecurringTransactionsTransactionType		

GetRecurringDepositAccountsRecurringDepositFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositAccountsResponse

GetRecurringDepositAccountsResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetRecurringDepositAccountsCurrency		
depositAmount		Float		float
depositPeriod		Integer		int32
depositPeriodFrequency		GetRecurringDepositAccountsDepositPeriodFrequency		
fieldOfficerId		Integer		int32
id		Integer		int32
interestCalculationDaysInYearType		GetRecurringDepositAccountsInterestCalculationDaysInYearType		

Field Name	Required	Type	Description	Format
interestCalculationType		GetRecurringDepositAccountsInterestCalculationType		
interestCompoundingPeriodType		GetRecurringDepositAccountsInterestCompoundingPeriodType		
interestPostingPeriodType		GetRecurringDepositAccountsInterestPostingPeriodType		
maturityAmount		Float		float
maturityDate		date		date
maxDepositTerm		Integer		int32
maxDepositTermType		GetRecurringDepositAccountsMaxDepositTermType		
minDepositTerm		Integer		int32
minDepositTermType		GetRecurringDepositAccountsMinDepositTermType		
preClosurePenalApplicable		Boolean		
recurringDepositAmount		Integer		int32
recurringDepositFrequency		Integer		int32
recurringDepositFrequencyType		GetRecurringDepositAccountsRecurringDepositFrequencyType		
savingsProductId		Integer		int32
savingsProductName		String		
status		GetRecurringDepositAccountsStatus		

Field Name	Required	Type	Description	Format
summary		GetRecurringDepositAccountsSummary		
timeline		GetRecurringDepositAccountsTimeline		

GetRecurringDepositAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
prematureClosed		Boolean		
rejected		Boolean		
submittedAndPendingApproval		Boolean		
transferInProgress		Boolean		
transferOnHold		Boolean		
withdrawnByApplicant		Boolean		

GetRecurringDepositAccountsSummary

Field Name	Required	Type	Description	Format
accountBalance		Float		float
currency		GetRecurringDepositAccountsCurrency		

GetRecurringDepositAccountsTemplateResponse

GetRecurringDepositAccountsTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
productOptions		Set of GetRecurringProductOptions		

GetRecurringDepositAccountsTimeline

Field Name	Required	Type	Description	Format
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetRecurringDepositProductsAccountingRule

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		

Field Name	Required	Type	Description	Format
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetRecurringDepositProductsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetRecurringDepositProductsMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdAccountingMappings

Field Name	Required	Type	Description	Format
incomeFromFeeAccount		GetRecurringDepositProductsProductIdIncomeFromFeeAccount		
incomeFromPenaltyAccount		GetRecurringDepositProductsProductIdIncomeFromPenaltyAccount		
interestOnSavingsAccount		GetRecurringDepositProductsProductIdInterestOnSavingsAccount		

Field Name	Required	Type	Description	Format
savingsControlAccount		GetRecurringDepositProductsProductIdSavingsControlAccount		
savingsReferenceAccount		GetRecurringDepositProductsProductIdSavingsReferenceAccount		
transfersInSuspenseAccount		GetRecurringDepositProductsProductIdTransfersInSuspenseAccount		

GetRecurringDepositProductsProductIdActiveChart

Field Name	Required	Type	Description	Format
chartSlabs		Set of GetRecurringDepositProductsProductIdChartSlabs		
fromDate		date		date
id		Integer		int32
periodTypes		Set of GetRecurringDepositProductsProductIdPeriodType		
savingsProductId		Integer		int32
savingsProductName		String		

GetRecurringDepositProductsProductIdChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double

Field Name	Required	Type	Description	Format
currency		GetRecurringDepositProductsProductIdCurrency		
description		String		
fromPeriod		Integer		int32
id		Integer		int32
periodType		GetRecurringDepositProductsProductIdPeriodType		
toPeriod		Integer		int32

GetRecurringDepositProductsProductIdCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetRecurringDepositProductsProductIdFeeToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetRecurringDepositProductsProductIdFeeToIncomeAccountMappingsCharge		
incomeAccount		GetRecurringDepositProductsProductIdFeeToIncomeAccountMappingsIncomeAccount		

GetRecurringDepositProductsProductIdFeeToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetRecurringDepositProductsProductIdFeeToIncomeAccountMappingsIncomeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsProductIdIncomeFromFeeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsProductIdIncomeFromPenaltyAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsProductIdInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdInterestOnSavingsAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsProductIdMaxDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdMinDepositTermType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdPenaltyToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetRecurringDepositProductsProductIdPenaltyToIncomeAccountMappingsCharge		
incomeAccount		GetRecurringDepositProductsProductIdIncomeFromPenaltyAccount		

GetRecurringDepositProductsProductIdPenaltyToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetRecurringDepositProductsProductIdPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdPreClosurePenalInterestOnType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsProductIdResponse

GetRecurringDepositProductsProductIdResponse

Field Name	Required	Type	Description	Format
accountingMappings		GetRecurringDepositProductsProductIdAccountingMappings		
activeChart		GetRecurringDepositProductsProductIdActiveChart		
currency		GetRecurringDepositProductsProductIdCurrency		
description		String		
feeToIncomeAccountMappings		Set of <i>GetRecurringDepositProductsProductIdFeeToIncomeAccountMappings</i>		
id		Integer		int32
interestCalculationDaysInYearType		GetRecurringDepositProductsInterestCalculationDaysInYearType		
interestCalculationType		GetRecurringDepositProductsInterestCalculationType		
interestCompoundingPeriodType		GetRecurringDepositProductsProductIdInterestCompoundingPeriodType		
interestPostingPeriodType		GetRecurringDepositProductsInterestPostingPeriodType		
maxDepositTerm		Integer		int32

Field Name	Required	Type	Description	Format
maxDepositTermType		GetRecurringDepositProductsProductIdMaxDepositTermType		
minDepositTerm		Integer		int32
minDepositTermType		GetRecurringDepositProductsProductIdMinDepositTermType		
name		String		
penaltyToIncomeAccountMappings		Set of GetRecurringDepositProductsProductIdPenaltyToIncomeAccountMappings		
preClosurePenalApplicable		Boolean		
preClosurePenalInterest		Double		double
preClosurePenalInterestOnType		GetRecurringDepositProductsProductIdPreClosurePenalInterestOnType		
recurringDepositFrequency		Integer		int32
recurringDepositFrequencyType		GetRecurringDepositProductsRecurringDepositFrequencyType		
shortName		String		

GetRecurringDepositProductsProductIdSavingsControlAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32

Field Name	Required	Type	Description	Format
name		String		

GetRecurringDepositProductsProductIdSavingsReferenceAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsProductIdTransfersInSuspenseAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetRecurringDepositProductsRecurringDepositFrequencyType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetRecurringDepositProductsResponse

GetRecurringDepositProductsResponse

Field Name	Required	Type	Description	Format
accountingRule		GetRecurringDepositProductsAccountingRule		
currency		GetRecurringDepositProductsCurrency		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32
interestCalculationDaysInYearType		GetRecurringDepositProductsInterestCalculationDaysInYearType		
interestCalculationType		GetRecurringDepositProductsInterestCalculationType		
interestCompoundingPeriodType		GetRecurringDepositProductsInterestCompoundingPeriodType		
interestPostingPeriodType		GetRecurringDepositProductsInterestPostingPeriodType		
maxDepositTerm		Integer		int32
maxDepositTermType		GetRecurringDepositProductsMaxDepositTermType		
minDepositTerm		Integer		int32
minDepositTermType		GetRecurringDepositProductsMinDepositTermType		
name		String		
nominalAnnualInterestRate		Double		double
preClosurePenalApplicable		Boolean		
recurringDepositFrequency		Integer		int32
recurringDepositFrequencyType		GetRecurringDepositProductsRecurringDepositFrequencyType		
shortName		String		

GetRecurringPaymentDetailData

Field Name	Required	Type	Description	Format
accountNumber		Integer		int32
bankNumber		Integer		int32
checkNumber		Integer		int32
id		Integer		int32
paymentType		GetRecurringPaymentType		
receiptNumber		Integer		int32
routingCode		Integer		int32

GetRecurringPaymentType

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetRecurringProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetRecurringTransactionType

Field Name	Required	Type	Description	Format
approveTransfer		Boolean		
code		String		
deposit		Boolean		
description		String		
feeDeduction		Boolean		
id		Integer		int32

Field Name	Required	Type	Description	Format
initiateTransfer		Boolean		
interestPosting		Boolean		
overdraftFee		Boolean		
overdraftInterest		Boolean		
rejectTransfer		Boolean		
withdrawTransfer		Boolean		
withdrawal		Boolean		
writtenoff		Boolean		

GetRecurringTransactionsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32
name		String		
nameCode		String		

GetRecurringTransactionsTransactionType

Field Name	Required	Type	Description	Format
code		String		
deposit		Boolean		
description		String		
feeDeduction		Boolean		
id		Integer		int32
interestPosting		Boolean		
withdrawal		Boolean		

GetReportMailingJobsResponse

GetReportMailingJobsResponse

Field Name	Required	Type	Description	Format
description		String		
emailAttachmentFileFormat		EnumOptionData		
emailMessage		String		
emailRecipients		String		
emailSubject		String		
id		Long		int64
isActive		Boolean		
name		String		
nextRunDateTime		Date		date-time
numberOfRuns		Integer		int32
recurrence		String		
runAsUserId		Long		int64
startDateTime		Date		date-time
stretchyReport		Object		
stretchyReportParamMap		String		
timeline		Object		

GetReportMailingJobsTemplate

GetReportMailingJobsTemplate

Field Name	Required	Type	Description	Format
emailAttachmentFileFormatOptions		List of EnumOptionData		
isActive		Boolean		

Field Name	Required	Type	Description	Format
stretchyReportParamDateOptions		List of EnumOptionData		

GetReportsResponse

GetReportsResponse

Field Name	Required	Type	Description	Format
coreReport		Boolean		
description		String		
id		Long		int64
reportCategory		String		
reportName		String		
reportParameters		List of [object]		
reportSql		String		
reportSubType		String		
reportType		String		
useReport		Boolean		

GetReportsTemplateResponse

GetReportsTemplateResponse

Field Name	Required	Type	Description	Format
allowedParameters		List of [object]		
allowedReportSubTypes		List of [string]		
allowedReportTypes		List of [string]		

GetResourceTypeResourceIdNotesNoteIdResponse

GetResourceTypeResourceIdNotesNoteIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
createdById		Integer		int32
createdByUsername		String		
createdOn		Date		date-time
id		Integer		int32
note		String		
noteType		GetNotesNoteType		
updatedById		Integer		int32
updatedByUsername		String		
updatedOn		Date		date-time

GetResourceTypeResourceIdNotesResponse

GetResourceTypeResourceIdNotesResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
createdById		Integer		int32
createdByUsername		String		
createdOn		Date		date-time
id		Integer		int32
note		String		
noteType		GetNotesNoteType		
updatedById		Integer		int32
updatedByUsername		String		

Field Name	Required	Type	Description	Format
updatedAt		Date		date-time

GetRolesResponse

GetRolesResponse

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
name		String		

GetRolesRoleIdPermissionsResponse

GetRolesRoleIdPermissionsResponse

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
name		String		
permissionUsageData		List of <i>GetRolesRoleIdPermissionsResponsePermissionData</i>		

GetRolesRoleIdPermissionsResponsePermissionData

Field Name	Required	Type	Description	Format
actionName		String		
code		String		
entityName		String		
grouping		String		
selected		Boolean		

GetRolesRoleIdResponse

GetRolesRoleIdResponse

Field Name	Required	Type	Description	Format
description		String		
id		Long		int64
name		String		

GetRunReportColumnHeaders

Field Name	Required	Type	Description	Format
columnName		String		
columnType		String		
columnValues		String		
isColumnNullable		Boolean		
isColumnPrimaryKey		Boolean		

GetRunReportResponse

GetRunReportResponse

Field Name	Required	Type	Description	Format
columnHeaders		Set of GetRunReportColumnHeaders		
data		Set of GetPocketData		

GetSavingsAccountsAccountIdResponse

GetSavingsAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
accountNo		String		

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
currency		GetSavingsCurrency		
fieldOfficerId		Integer		int32
id		Integer		int32
interestCalculationDaysInYearType		GetSavingsInterestCalculationDaysInYearType		
interestCalculationType		GetSavingsInterestCalculationType		
interestCompoundingPeriodType		GetSavingsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSavingsInterestPostingPeriodType		
nominalAnnualInterestRate		Double		double
savingsProductId		Integer		int32
savingsProductName		String		
status		GetSavingsStatus		
summary		GetSavingsAccountsSummary		
timeline		GetSavingsTimeline		

GetSavingsAccountsResponse

GetSavingsAccountsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetSavingsPageItems		

Field Name	Required	Type	Description	Format
totalFilteredRecords		Integer		int32

GetSavingsAccountsSavingsAccountIdChargesResponse

GetSavingsAccountsSavingsAccountIdChargesResponse

Field Name	Required	Type	Description	Format
accountId		Integer		int32
amount		Float		float
amountOrPercentage		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountPercentageAppliedTo		Double		double
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetChargesChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetChargesChargeTimeType		
currency		GetChargesCurrencyResponse		
id		Integer		int32
name		String		
penalty		Boolean		
percentage		Double		double

GetSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

GetSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Field Name	Required	Type	Description	Format
amount		Float		float
amountOrPercentage		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountPercentageAppliedTo		Double		double
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetChargesChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetChargesChargeTimeType		
currency		GetChargesCurrencyResponse		
id		Integer		int32
name		String		
penalty		Boolean		
percentage		Double		double

GetSavingsAccountsSavingsAccountIdChargesTemplateResponse

GetSavingsAccountsSavingsAccountIdChargesTemplateResponse

Field Name	Required	Type	Description	Format
amountPaid		Float		float
amountWaived		Float		float
amountWrittenOff		Float		float

Field Name	Required	Type	Description	Format
chargeOptions		Set of GetSavingsChargesOptions		
penalty		Boolean		

GetSavingsAccountsSummary

Field Name	Required	Type	Description	Format
accountBalance		Integer		int32
availableBalance		Integer		int32
currency		GetSavingsCurrency		

GetSavingsAccountsTemplateResponse

GetSavingsAccountsTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
clientName		String		
productOptions		Set of GetSavingsProductOptions		

GetSavingsAssetLiabilityType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsChargePaymentMode

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsChargesChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsChargesOptions

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Float		float

Field Name	Required	Type	Description	Format
chargeCalculationType		GetChargesChargeCalculationType		
chargeTimeType		GetSavingsChargesChargeTimeType		
chargesAppliesTo		GetChargesAppliesTo		
currency		GetChargesCurrencyResponse		
id		Integer		int32
name		String		
penalty		Boolean		

GetSavingsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetSavingsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsPageItems

Field Name	Required	Type	Description	Format
accountNo		String		
clientId		Integer		int32
clientName		String		
currency		GetSavingsCurrency		
fieldOfficerId		Integer		int32
id		Integer		int32
interestCalculationDaysInYearType		GetSavingsInterestCalculationDaysInYearType		

Field Name	Required	Type	Description	Format
interestCalculationType		GetSavingsInterestCalculationType		
interestCompoundingPeriodType		GetSavingsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSavingsInterestPostingPeriodType		
nominalAnnualInterestRate		Double		double
savingsProductId		Integer		int32
savingsProductName		String		
status		GetSavingsStatus		
summary		GetSavingsSummary		
timeline		GetSavingsTimeline		

GetSavingsProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetSavingsProductsAccountingMappingOptions

Field Name	Required	Type	Description	Format
assetAccountOptions		Set of GetSavingsProductsAssetAccountOptions		
expenseAccountOptions		Set of GetSavingsProductsExpenseAccountOptions		

Field Name	Required	Type	Description	Format
incomeAccountOptions		Set of GetSavingsProductsIncomeAccountOptions		
liabilityAccountOptions		Set of GetSavingsProductsLiabilityAccountOptions		

GetSavingsProductsAccountingMappings

Field Name	Required	Type	Description	Format
incomeFromFeeAccount		GetSavingsProductsIncomeFromFeeAccount		
incomeFromPenaltyAccount		GetSavingsProductsIncomeFromPenaltyAccount		
interestOnSavingsAccount		GetSavingsProductsInterestOnSavingsAccount		
savingsControlAccount		GetSavingsProductsSavingsControlAccount		
savingsReferenceAccount		GetSavingsProductsSavingsReferenceAccount		
transfersInSuspenseAccount		GetSavingsProductsTransfersInSuspenseAccount		

GetSavingsProductsAccountingRule

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32

Field Name	Required	Type	Description	Format
value		String		

GetSavingsProductsAssetAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
tagId		Object		
type		GetSavingsAssetLiabilityType		
usage		GetSavingsProductsLiabilityUsage		

GetSavingsProductsChargeAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsProductsChargeOptions

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Long		int64
chargeAppliesTo		GetSavingsProductsChargeAppliesTo		

Field Name	Required	Type	Description	Format
chargeCalculationType		GetSavingsChargeCalculationType		
chargePaymentMode		GetSavingsChargePaymentMode		
chargeTimeType		GetSavingsChargeTimeType		
currency		GetSavingsCurrency		
id		Integer		int32
name		String		
penalty		Boolean		

GetSavingsProductsExpenseAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
tagId		Object		
type		GetSavingsProductsExpenseType		
usage		GetSavingsProductsLiabilityUsage		

GetSavingsProductsExpenseType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsProductsFeeToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetSavingsProductsFeeToIncomeAccountMappingsCharge		
incomeAccount		GetSavingsProductsFeeToIncomeAccountMappingsIncomeAccount		

GetSavingsProductsFeeToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetSavingsProductsFeeToIncomeAccountMappingsIncomeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsFundSourceAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsIncomeAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
tagId		Object		
type		GetSavingsProductsIncomeType		
usage		GetSavingsProductsLiabilityUsage		

GetSavingsProductsIncomeFromFeeAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsIncomeFromPenaltyAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsIncomeType

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetSavingsProductsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsInterestOnSavingsAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsLiabilityAccountOptions

Field Name	Required	Type	Description	Format
disabled		Boolean		
glCode		Integer		int32
id		Integer		int32
manualEntriesAllowed		Boolean		
name		String		
nameDecorated		String		
tagId		GetSavingsProductsLiabilityTagId		
type		GetSavingsProductsLiabilityType		
usage		GetSavingsProductsLiabilityUsage		

GetSavingsProductsLiabilityTagId

Field Name	Required	Type	Description	Format
id		Integer		int32

GetSavingsProductsLiabilityType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetSavingsProductsLiabilityUsage

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSavingsProductsLockinPeriodFrequencyTypeOptions

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsPaymentChannelToFundSourceMappings

Field Name	Required	Type	Description	Format
fundSourceAccount		GetSavingsProductsFundSourceAccount		
paymentType		GetSavingsProductsPaymentType		

GetSavingsProductsPaymentType

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetSavingsProductsPaymentTypeOptions

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32
isCashPayment		Boolean		
name		String		
position		Integer		int32

GetSavingsProductsPenaltyToIncomeAccountMappings

Field Name	Required	Type	Description	Format
charge		GetSavingsProductsPenaltyToIncomeAccountMappingsCharge		
incomeAccount		GetSavingsProductsIncomeFromPenaltyAccount		

GetSavingsProductsPenaltyToIncomeAccountMappingsCharge

Field Name	Required	Type	Description	Format
active		Boolean		
id		Integer		int32
name		String		
penalty		Boolean		

GetSavingsProductsProductIdResponse

GetSavingsProductsProductIdResponse

Field Name	Required	Type	Description	Format
accountingMappings		GetSavingsProductsAccountingMappings		
accountingRule		GetSavingsProductsAccountingRule		
charges		List of [integer]		int32
currency		GetSavingsCurrency		
description		String		
feeToIncomeAccountMappings		Set of GetSavingsProductsFeeToIncomeAccountMappings		
id		Integer		int32
interestCalculationDaysInYearType		GetSavingsProductsInterestCalculationDaysInYearType		
interestCalculationType		GetSavingsProductsInterestCalculationType		
interestCompoundingPeriodType		GetSavingsProductsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSavingsProductsInterestPostingPeriodType		
name		String		
nominalAnnualInterestRate		BigDecimal		
paymentChannelToFundSourceMappings		Set of GetSavingsProductsPaymentChannelToFundSourceMappings		

Field Name	Required	Type	Description	Format
penaltyToIncomeAccountMappings		Set of GetSavingsProductsPenaltyToIncomeAccountMappings		
shortName		String		
withdrawalFeeForTransfers		Boolean		

GetSavingsProductsResponse

GetSavingsProductsResponse

Field Name	Required	Type	Description	Format
accountingRule		GetSavingsProductsAccountingRule		
currency		GetSavingsCurrency		
description		String		
id		Integer		int32
interestCalculationDaysInYearType		GetSavingsProductsInterestCalculationDaysInYearType		
interestCalculationType		GetSavingsProductsInterestCalculationType		
interestCompoundingPeriodType		GetSavingsProductsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSavingsProductsInterestPostingPeriodType		
name		String		
nominalAnnualInterestRate		BigDecimal		
shortName		String		

Field Name	Required	Type	Description	Format
withdrawalFeeForTransfers		Boolean		

GetSavingsProductsSavingsControlAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsSavingsReferenceAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsTemplateAccountingRule

Field Name	Required	Type	Description	Format
code		String		
id		Integer		int32
value		String		

GetSavingsProductsTemplateResponse

GetSavingsProductsTemplateResponse

Field Name	Required	Type	Description	Format
accountMapping		GetSavingsCurrency		

Field Name	Required	Type	Description	Format
accountingMappingOptions		GetSavingsProductsAccountingMappingOptions		
accountingRule		GetSavingsProductsTemplateAccountingRule		
accountingRuleOptions		Set of GetSavingsProductsTemplateAccountingRule		
chargeOptions		Set of GetSavingsProductsChargeOptions		
currency		GetSavingsCurrency		
currencyOptions		Set of GetSavingsCurrency		
interestCalculationDaysInYearType		GetSavingsProductsInterestCalculationDaysInYearType		
interestCalculationDaysInYearTypeOptions		Set of GetSavingsProductsInterestCalculationDaysInYearType		
interestCalculationType		GetSavingsProductsInterestCalculationType		
interestCalculationTypeOptions		Set of GetSavingsProductsInterestCalculationType		
interestCompoundingPeriodType		GetSavingsProductsInterestCompoundingPeriodType		

Field Name	Required	Type	Description	Format
interestCompoundingPeriodTypeOptions		Set of GetSavingsProductsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSavingsProductInterestPostingPeriodType		
interestPostingPeriodTypeOptions		Set of GetSavingsProductsInterestPostingPeriodType		
lockinPeriodFrequencyTypeOptions		Set of GetSavingsProductsLockinPeriodFrequencyTypeOptions		
paymentTypeOptions		Set of GetSavingsProductsPaymentTypeOptions		
withdrawalFeeTypeOptions		Set of GetSavingsProductsWithdrawalFeeTypeOptions		

GetSavingsProductsTransfersInSuspenseAccount

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetSavingsProductsWithdrawalFeeTypeOptions

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
id		Integer		int32
value		String		

GetSavingsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		
value		String		
withdrawnByApplicant		Boolean		

GetSavingsSummary

Field Name	Required	Type	Description	Format
accountBalance		Integer		int32
currency		GetSavingsCurrency		

GetSavingsTimeline

Field Name	Required	Type	Description	Format
activatedOnDate		date		date
approvedByFirstname		String		

Field Name	Required	Type	Description	Format
approvedByLastname		String		
approvedByUsername		String		
approvedOnDate		date		date
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetSchedulerResponse

GetSchedulerResponse

Field Name	Required	Type	Description	Format
active		Boolean		

GetSearchResponse

GetSearchResponse

Field Name	Required	Type	Description	Format
entityAccountNo		Long		int64
entityExternalId		String		
entityId		Long		int64
entityName		String		
entityStatus		EnumOptionData		
entityType		String		
parentId		Long		int64
parentName		String		

GetSelfBeneficiariesAccountOptions

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfBeneficiariesTPTResponse

GetSelfBeneficiariesTPTResponse

Field Name	Required	Type	Description	Format
accountNumber		Long		int64
accountType		GetSelfBeneficiariesAccountOptions		
clientName		String		
id		Integer		int32
name		String		
officeName		String		
transferLimit		Integer		int32

GetSelfBeneficiariesTPPTemplateResponse

GetSelfBeneficiariesTPPTemplateResponse

Field Name	Required	Type	Description	Format
accountTypeOptions		Set of GetSelfBeneficiariesAccountOptions		

GetSelfClientsChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetSelfClientsChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfClientsChargesPageItems

Field Name	Required	Type	Description	Format
amount		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetSelfClientsChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetSelfClientsChargeTimeType		
clientId		Integer		int32
currency		GetSelfClientsSavingsAccountsCurrency		
dueDate		date		date
id		Integer		int32
isActive		Boolean		
isPaid		Boolean		
isWaived		Boolean		

Field Name	Required	Type	Description	Format
name		String		
penalty		Boolean		

GetSelfClientsClientIdAccountsResponse

GetSelfClientsClientIdAccountsResponse

Field Name	Required	Type	Description	Format
loanAccounts		Set of GetSelfClientsLoanAccounts		
savingsAccounts		Set of GetSelfClientsSavingsAccounts		

GetSelfClientsClientIdChargesChargeIdResponse

GetSelfClientsClientIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
amount		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetSelfClientsChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetSelfClientsChargeTimeType		
clientId		Integer		int32
currency		GetSelfClientsSavingsAccountsCurrency		

Field Name	Required	Type	Description	Format
dueDate		date		date
id		Integer		int32
isActive		Boolean		
isPaid		Boolean		
isWaived		Boolean		
name		String		
penalty		Boolean		

GetSelfClientsClientIdChargesResponse

GetSelfClientsClientIdChargesResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetSelfClientsChargesPageItems		
totalFilteredRecords		Integer		int32

GetSelfClientsClientIdResponse

GetSelfClientsClientIdResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
activationDate		date		date
active		Boolean		
displayName		String		
firstname		String		
groups		List of [string]		
id		Integer		int32
lastname		String		
officeId		Integer		int32

Field Name	Required	Type	Description	Format
officeName		String		
savingsProductId		Integer		int32
savingsProductName		String		
status		GetSelfClientsStatus		
timeline		GetSelfClientsTimeline		

GetSelfClientsClientIdTransactionsPageItems

Field Name	Required	Type	Description	Format
amount		Double		double
currency		GetSelfClientsSavingsAccountsCurrency		
date		date		date
id		Integer		int32
officeId		Integer		int32
officeName		String		
reversed		Boolean		
submittedOnDate		date		date
type		GetSelfClientsClientIdTransactionsType		

GetSelfClientsClientIdTransactionsResponse

GetSelfClientsClientIdTransactionsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetSelfClientsClientIdTransactionsPageItems		
totalFilteredRecords		Integer		int32

GetSelfClientsClientIdTransactionsTransactionIdResponse

GetSelfClientsClientIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
amount		Float		float
currency		GetSelfClientsSavingsAccountsCurrency		
date		date		date
id		Integer		int32
officeId		Integer		int32
officeName		String		
reversed		Boolean		
submittedOnDate		date		date
type		GetSelfClientsClientIdTransactionsType		

GetSelfClientsClientIdTransactionsType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfClientsLoanAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64
externalId		Integer		int32
id		Integer		int32
loanCycle		Integer		int32
loanType		GetSelfClientsLoanAccountsType		
productId		Integer		int32
productName		String		
status		GetSelfClientsLoanAccountsStatus		

GetSelfClientsLoanAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

GetSelfClientsLoanAccountsType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfClientsPageItems

Field Name	Required	Type	Description	Format
accountNo		Long		int64
activationDate		date		date
active		Boolean		
displayName		String		
fullname		String		
id		Integer		int32
officeId		Integer		int32
officeName		String		
status		GetSelfClientsStatus		

GetSelfClientsResponse

GetSelfClientsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetSelfClientsPageItems		
totalFilteredRecords		Integer		int32

GetSelfClientsSavingsAccounts

Field Name	Required	Type	Description	Format
accountNo		Long		int64

Field Name	Required	Type	Description	Format
currency		GetSelfClientsSavingsAccountsCurrency		
id		Integer		int32
productId		Integer		int32
productName		String		
status		GetSelfClientsSavingsAccountsStatus		

GetSelfClientsSavingsAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetSelfClientsSavingsAccountsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		

Field Name	Required	Type	Description	Format
withdrawnByApplicant		Boolean		

GetSelfClientsStatus

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfClientsTimeline

Field Name	Required	Type	Description	Format
activatedByFirstname		String		
activatedByLastname		String		
activatedByUsername		String		
activatedOnDate		date		date
submittedByFirstname		String		
submittedByLastname		String		
submittedByUsername		String		
submittedOnDate		date		date

GetSelfLoansChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetSelfLoansChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfLoansLoanIdChargesResponse

GetSelfLoansLoanIdChargesResponse

Field Name	Required	Type	Description	Format
amount		Float		float
amountOrPercentage		Float		float
amountOutstanding		Float		float
amountPaid		Float		float
amountPercentageAppliedTo		Double		double
amountWaived		Float		float
amountWrittenOff		Float		float
chargeCalculationType		GetSelfLoansChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetSelfLoansChargeTimeType		
currency		GetLoanCurrency		
id		Integer		int32
name		String		
penalty		Boolean		

Field Name	Required	Type	Description	Format
percentage		Double		double

GetSelfLoansLoanIdResponse

GetSelfLoansLoanIdResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amortizationType		GetLoansLoanIdAmortizationType		
annualInterestRate		Integer		int32
clientId		Integer		int32
clientName		String		
clientOfficeId		Integer		int32
currency		GetLoansLoanIdCurrency		
id		Long		int64
interestCalculationPeriodType		GetLoansLoanIdInterestCalculationPeriodType		
interestRateFrequencyType		GetLoansLoanIdInterestRateFrequencyType		
interestRatePerPeriod		Integer		int32
interestType		GetLoansLoanIdInterestType		
loanOfficerId		Integer		int32
loanOfficerName		String		
loanProductDescription		String		
loanProductId		Integer		int32
loanProductName		String		
loanPurposeId		Integer		int32

Field Name	Required	Type	Description	Format
loanPurposeName		String		
loanType		GetLoansLoanIdLoanType		
numberOfRepayments		Integer		int32
principal		Long		int64
repaymentEvery		Integer		int32
repaymentFrequencyType		GetLoansLoanIdRepaymentFrequencyType		
status		GetLoansLoanIdStatus		
summary		GetLoansLoanIdSummary		
termFrequency		Integer		int32
termPeriodFrequencyType		GetLoansLoanIdTermPeriodFrequencyType		
timeline		GetLoansLoanIdTimeline		
transactionProcessingStrategyId		Integer		int32

GetSelfLoansLoanIdTransactionsTransactionIdResponse

GetSelfLoansLoanIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
amount		Float		float
currency		GetLoanCurrency		
date		date		date
id		Integer		int32
interestPortion		Float		float
manuallyReversed		Boolean		

Field Name	Required	Type	Description	Format
type		GetSelfLoansLoanIdTransactionsType		

GetSelfLoansLoanIdTransactionsType

Field Name	Required	Type	Description	Format
code		String		
contra		Boolean		
description		String		
disbursement		Boolean		
id		Integer		int32
recoveryRepayment		Boolean		
repayment		Boolean		
repaymentAtDisbursement		Boolean		
waiveCharges		Boolean		
waiveInterest		Boolean		
writeOff		Boolean		

GetSelfLoansProductOptions

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetSelfLoansTemplateResponse

GetSelfLoansTemplateResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32

Field Name	Required	Type	Description	Format
clientName		String		
clientOfficeId		Integer		int32
productOptions		Set of GetSelfLoansProductOptions		
timeline		GetSelfLoansTimeline		

GetSelfLoansTimeline

Field Name	Required	Type	Description	Format
expectedDisbursementDate		date		date

GetSelfSavingsAccountsAccountIdChargesResponse

GetSelfSavingsAccountsAccountIdChargesResponse

Field Name	Required	Type	Description	Format
accountId		Integer		int32
amount		Integer		int32
amountOrPercentage		Integer		int32
amountOutstanding		Integer		int32
amountPaid		Integer		int32
amountPercentageAppliedTo		Double		double
amountWaived		Integer		int32
amountWrittenOff		Integer		int32
chargeCalculationType		GetSelfSavingsChargeCalculationType		
chargeId		Integer		int32

Field Name	Required	Type	Description	Format
chargeTimeType		GetSelfSavingsChargeTimeType		
currency		GetSelfSavingsCurrency		
id		Integer		int32
name		String		
penalty		Boolean		
percentage		Double		double

GetSelfSavingsAccountsAccountIdChargesSavingsAccountChargeIdResponse

GetSelfSavingsAccountsAccountIdChargesSavingsAccountChargeIdResponse

Field Name	Required	Type	Description	Format
amount		Integer		int32
amountOrPercentage		Integer		int32
amountOutstanding		Integer		int32
amountPaid		Integer		int32
amountPercentageAppliedTo		Double		double
amountWaived		Integer		int32
amountWrittenOff		Integer		int32
chargeCalculationType		GetSelfSavingsChargeCalculationType		
chargeId		Integer		int32
chargeTimeType		GetSelfSavingsChargeTimeType		
currency		GetSelfSavingsCurrency		
id		Integer		int32
name		String		

Field Name	Required	Type	Description	Format
penalty		Boolean		
percentage		Double		double

GetSelfSavingsAccountsAccountIdTransactionsTransactionIdResponse

GetSelfSavingsAccountsAccountIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
accountId		Integer		int32
accountNo		Long		int64
amount		Integer		int32
currency		GetSelfSavingsTransactionCurrency		
date		date		date
id		Integer		int32
paymentDetailData		GetSelfSavingsPaymentDetailData		
reversed		Boolean		
runningBalance		Integer		int32
transactionType		GetSelfSavingsTransactionType		

GetSelfSavingsAccountsResponse

GetSelfSavingsAccountsResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
clientId		Integer		int32
clientName		String		
currency		GetSelfSavingsCurrency		
fieldOfficerId		Integer		int32

Field Name	Required	Type	Description	Format
id		Integer		int32
interestCalculationDaysInYearType		GetSelfSavingsInterestCalculationDaysInYearType		
interestCalculationType		GetSelfSavingsInterestCalculationType		
interestCompoundingPeriodType		GetSelfSavingsInterestCompoundingPeriodType		
interestPostingPeriodType		GetSelfSavingsInterestPostingPeriodType		
nominalAnnualInterestRate		Double		double
savingsProductId		Integer		int32
savingsProductName		String		
status		GetSelfSavingsStatus		
summary		GetSelfSavingsSummary		
timeline		GetSelfSavingsTimeline		

GetSelfSavingsChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetSelfSavingsInterestCalculationDaysInYearType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsInterestCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsInterestCompoundingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsInterestPostingPeriodType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfSavingsPaymentDetailData

Field Name	Required	Type	Description	Format
accountNumber		Integer		int32
bankNumber		Integer		int32
checkNumber		Integer		int32
id		Integer		int32
paymentType		GetSelfSavingsPaymentType		
receiptNumber		Integer		int32
routingCode		Integer		int32

GetSelfSavingsPaymentType

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetSelfSavingsStatus

Field Name	Required	Type	Description	Format
active		Boolean		
approved		Boolean		
closed		Boolean		
code		String		
description		String		
id		Integer		int32
rejected		Boolean		
submittedAndPendingApproval		Boolean		
withdrawnByApplicant		Boolean		

GetSelfSavingsSummary

Field Name	Required	Type	Description	Format
accountBalance		Integer		int32
currency		GetSelfSavingsCurrency		

GetSelfSavingsTimeline

Field Name	Required	Type	Description	Format
submittedOnDate		date		date

GetSelfSavingsTransactionCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
inMultiplesOf		Integer		int32

Field Name	Required	Type	Description	Format
name		String		
nameCode		String		

GetSelfSavingsTransactionType

Field Name	Required	Type	Description	Format
code		String		
deposit		Boolean		
description		String		
feeDeduction		Boolean		
id		Integer		int32
interestPosting		Boolean		
withdrawal		Boolean		

GetSelfUserDetailsOrganisationalRole

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSelfUserDetailsResponse

GetSelfUserDetailsResponse

Field Name	Required	Type	Description	Format
authenticated		Boolean		
base64EncodedAuthenticationKey		String		
clients		List of [integer]		int32
isSelfServiceUser		Boolean		
officeId		Integer		int32

Field Name	Required	Type	Description	Format
officeName		String		
organisationalRole		GetSelfUserDetails OrganisationalRole		
permissions		List of [string]		
roles		Set of GetSelfUserDetailsRoles		
staffDisplayName		String		
staffId		Integer		int32
userId		Integer		int32
username		String		

GetSelfUserDetailsRoles

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32
name		String		

GetShareAccountsChargeAppliesTo

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsChargeCalculationType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsChargeOptions

Field Name	Required	Type	Description	Format
active		Boolean		
amount		Integer		int32
calculationType		GetShareAccountsChargeCalculationType		
chargeAppliesTo		GetShareAccountsChargeAppliesTo		
chargeTimeType		GetShareAccountsChargeTimeType		
currency		GetShareAccountsCurrency		
id		Integer		int32
name		String		
paymentMode		GetShareAccountsChargePaymentMode		
penalty		Boolean		

GetShareAccountsChargePaymentMode

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsChargeTimeType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsClientIdProductIdAccountingRule

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsClientIdProductIdLockPeriodTypeEnum

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsClientIdProductIdMinimumActivePeriodForDividendsTypeEnum

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetShareAccountsClientIdProductIdResponse

GetShareAccountsClientIdProductIdResponse

Field Name	Required	Type	Description	Format
chargeOptions		Set of <i>GetClientIdProductIdChargeOptions</i>		
productOptions		Set of <i>GetClientIdProductIdProductOptions</i>		

GetShareAccountsCurrency

Field Name	Required	Type	Description	Format
code		String		
decimalPlaces		Integer		int32
displayLabel		String		
displaySymbol		String		
name		String		
nameCode		String		

GetShareAccountsIncomeFromFeeAccountId

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetShareAccountsShareEquityId

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetShareAccountsShareReferenceId

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetShareAccountsShareSuspenseId

Field Name	Required	Type	Description	Format
glCode		Integer		int32
id		Integer		int32
name		String		

GetShareEquityId

Field Name	Required	Type	Description	Format
glCode		String		
id		Integer		int32
name		String		

GetShareReferenceId

Field Name	Required	Type	Description	Format
glCode		String		
id		Integer		int32
name		String		

GetShareSuspenseId

Field Name	Required	Type	Description	Format
glCode		String		
id		Integer		int32
name		String		

GetStandingInstructionHistoryFromAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Long		int64
productId		Long		int64

Field Name	Required	Type	Description	Format
productName		String		

GetStandingInstructionHistoryPageItemsFromClient

Field Name	Required	Type	Description	Format
displayName		String		
id		Long		int64
officeId		Long		int64
officeName		String		

GetStandingInstructionHistoryPageItemsResponse

Field Name	Required	Type	Description	Format
amount		Float		float
errorLog		String		
executionTime		date		date
fromAccount		GetStandingInstructionHistoryFromAccount		
fromAccountType		GetFromAccountTypeStandingInstructionSwagger		
fromClient		GetStandingInstructionHistoryPageItemsFromClient		
fromOffice		GetFromOfficeStandingInstructionSwagger		
name		String		
standingInstructionId		Long		int64
status		String		

Field Name	Required	Type	Description	Format
toAccount		GetStandingInstructionHistoryToAccount		
toAccountType		GetToAccountTypeStandingInstructionSwagger		
toClient		GetStandingInstructionHistoryToClient		
toOffice		GetToOfficeStandingInstructionSwagger		

GetStandingInstructionHistoryToAccount

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Long		int64
productId		Long		int64
productName		String		

GetStandingInstructionHistoryToClient

Field Name	Required	Type	Description	Format
displayName		String		
id		Long		int64
officeId		Long		int64
officeName		String		

GetStandingInstructionRunHistoryResponse

GetStandingInstructionRunHistoryResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetStandingInstructionHistoryPageItemsResponse		
totalFilteredRecords		Integer		int32

GetStandingInstructionsResponse

GetStandingInstructionsResponse

Field Name	Required	Type	Description	Format
pageItems		Set of GetPageItemsStandingInstructionSwagger		
totalFilteredRecords		Integer		int32

GetStandingInstructionsStandingInstructionIdResponse

GetStandingInstructionsStandingInstructionIdResponse

Field Name	Required	Type	Description	Format
accountDetailId		Long		int64
amount		Float		float
fromAccount		GetFromAccountStandingInstructionSwagger		
fromAccountType		GetFromAccountTypeStandingInstructionSwagger		
fromClient		GetFromClientStandingInstructionSwagger		

Field Name	Required	Type	Description	Format
fromOffice		GetFromOfficeStandingInstructionSwagger		
id		Long		int64
instructionType		GetInstructionTypeStandingInstructionSwagger		
name		String		
priority		GetPriorityStandingInstructionSwagger		
recurrenceFrequency		GetRecurrenceFrequencyStandingInstructionSwagger		
recurrenceInterval		Integer		int32
recurrenceOnMonthDay		date		date
recurrenceType		GetRecurrenceTypeStandingInstructionSwagger		
status		GetStatusStandingInstructionSwagger		
toAccount		GetToAccountStandingInstructionSwagger		
toAccountType		GetToAccountTypeStandingInstructionSwagger		
toClient		GetToClientStandingInstructionSwagger		
toOffice		GetToOfficeStandingInstructionSwagger		

Field Name	Required	Type	Description	Format
transferType		GetTransferTypeStandingInstructionSwagger		
validFrom		date		date

GetStandingInstructionsTemplateResponse

GetStandingInstructionsTemplateResponse

Field Name	Required	Type	Description	Format
fromAccountType		GetFromAccountTypeResponseStandingInstructionSwagger		
fromAccountTypeOptions		Set of <i>GetFromAccountTypeOptionsResponseStandingInstructionSwagger</i>		
fromClientOptions		Set of <i>GetFromClientOptionsResponseStandingInstructionSwagger</i>		
fromOffice		GetFromOfficeResponseStandingInstructionSwagger		
fromOfficeOptions		Set of <i>GetFromOfficeOptionsResponseStandingInstructionSwagger</i>		
instructionTypeOptions		Set of <i>GetInstructionTypeOptionsResponseStandingInstructionSwagger</i>		

Field Name	Required	Type	Description	Format
priorityOptions		Set of GetPriorityOptionsResponseStandingInstructionSwagger		
recurrenceFrequencyOptions		Set of GetRecurrenceFrequencyOptionsResponseStandingInstructionSwagger		
recurrenceTypeOptions		Set of GetRecurrenceTypeOptionsResponseStandingInstructionSwagger		
statusOptions		Set of GetStatusOptionsResponseStandingInstructionSwagger		
toAccountTypeOptions		Set of GetToAccountTypeOptionsResponseStandingInstructionSwagger		
toOfficeOptions		Set of GetToOfficeOptionsResponseStandingInstructionSwagger		
transferTypeOptions		Set of GetTransferTypeOptionsResponseStandingInstructionSwagger		

GetStatusOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		

Field Name	Required	Type	Description	Format
description		String		
id		Integer		int32

GetStatusStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetSurveyResponse

GetSurveyResponse

Field Name	Required	Type	Description	Format
datatableData		GetSurveyResponseDatatableData		
enabled		Boolean		

GetSurveyResponseDatatableData

Field Name	Required	Type	Description	Format
applicationTableName		String		
columnHeaderData		List of ResultSetColumnHeaderData		
registeredTableName		String		

GetTaxesComponentsCreditAccount

Field Name	Required	Type	Description	Format
glCode		String		
id		Integer		int32
name		String		

GetTaxesComponentsCreditAccountType

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetTaxesComponentsResponse

GetTaxesComponentsResponse

Field Name	Required	Type	Description	Format
creditAccount		GetTaxesComponentsCreditAccount		
creditAccountType		GetTaxesComponentsCreditAccountType		
id		Integer		int32
name		String		
percentage		Float		float
startDate		date		date
taxComponentsHistories		Set of [object]		

GetTaxesGroupResponse

GetTaxesGroupResponse

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
taxAssociations		Set of GetTaxesGroupTaxAssociations		

GetTaxesGroupTaxAssociations

Field Name	Required	Type	Description	Format
id		Integer		int32
startDate		date		date
taxComponent		GetTaxesGroupTax Component		

GetTaxesGroupTaxComponent

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		

GetTellersResponse

GetTellersResponse

Field Name	Required	Type	Description	Format
creditAccountId		Long		int64
debitAccountId		Long		int64
id		Long		int64
name		String		
officeId		Long		int64
officeName		String		
startDate		date		date

Field Name	Required	Type	Description	Format
status		String		Enum: INVALID, PENDING, ACTIVE, INACTIVE, CLOSED,

GetTellersTellerIdCashiersCashierIdResponse

GetTellersTellerIdCashiersCashierIdResponse

Field Name	Required	Type	Description	Format
description		String		
endDate		date		date
endTime		String		
id		Long		int64
isFullDay		Boolean		
staffId		Long		int64
staffName		String		
startDate		date		date
startTime		String		
tellerId		Long		int64
tellerName		String		

GetTellersTellerIdCashiersCashiersIdSummaryAndTransactionsResponse

GetTellersTellerIdCashiersCashiersIdSummaryAndTransactionsResponse

Field Name	Required	Type	Description	Format
cashierId		Long		int64
cashierName		String		

Field Name	Required	Type	Description	Format
cashierTransactions		PageCashierTransactionsData		
netCash		BigDecimal		
officeName		String		
sumCashAllocation		BigDecimal		
sumCashSettlement		BigDecimal		
sumInwardCash		BigDecimal		
sumOutwardCash		BigDecimal		
tellerId		Long		int64
tellerName		String		

GetTellersTellerIdCashiersCashiersIdTransactionsResponse

GetTellersTellerIdCashiersCashiersIdTransactionsResponse

Field Name	Required	Type	Description	Format
cashierId		Long		int64
cashierName		String		
createdDate		Date		date-time
entityId		Long		int64
entityType		String		
id		Long		int64
officeId		Long		int64
officeName		String		
tellerId		Long		int64
txnAmount		BigDecimal		
txnDate		date		date
txnNote		String		
txnType		CashierTxnType		

GetTellersTellerIdCashiersCashiersIdTransactionsTemplateResponse

GetTellersTellerIdCashiersCashiersIdTransactionsTemplateResponse

Field Name	Required	Type	Description	Format
cashierData		CashierData		
cashierId		Long		int64
cashierName		String		
currencyOptions		List of CurrencyData		
endDate		date		date
officeName		String		
startDate		date		date
tellerId		Long		int64
tellerName		String		

GetTellersTellerIdCashiersResponse

GetTellersTellerIdCashiersResponse

Field Name	Required	Type	Description	Format
cashiers		List of CashierData		
officeId		Long		int64
officeName		String		
tellerId		Long		int64
tellerName		String		

GetTellersTellerIdCashiersTemplateResponse

GetTellersTellerIdCashiersTemplateResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
officeName		String		
staffOptions		List of StaffData		

Field Name	Required	Type	Description	Format
tellerId		Long		int64
tellerName		String		

GetTemplatesResponse

GetTemplatesResponse

Field Name	Required	Type	Description	Format
entity		Long		int64
id		Long		int64
mappers		List of TemplateMapper		
name		String		
text		String		
type		Long		int64

GetTemplatesTemplateIdResponse

GetTemplatesTemplateIdResponse

Field Name	Required	Type	Description	Format
entity		Long		int64
id		Long		int64
mappers		List of TemplateMapper		
name		String		
text		String		
type		Long		int64

GetTemplatesTemplateResponse

GetTemplatesTemplateResponse

Field Name	Required	Type	Description	Format
entity		Long		int64
id		Long		int64
mappers		List of TemplateMapper		
name		String		
text		String		
type		Long		int64

GetToAccountStandingInstructionSwagger

Field Name	Required	Type	Description	Format
accountNo		Long		int64
id		Long		int64
productId		Long		int64
productName		String		

GetToAccountTypeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetToAccountTypeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetToClientStandingInstructionSwagger

Field Name	Required	Type	Description	Format
displayName		String		
id		Long		int64
officeId		Long		int64
officeName		String		

GetToOfficeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
id		Integer		int32
name		String		
nameDecorated		String		

GetToOfficeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		

GetTransferTypeOptionsResponseStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		
id		Integer		int32

GetTransferTypeStandingInstructionSwagger

Field Name	Required	Type	Description	Format
code		String		
description		String		

Field Name	Required	Type	Description	Format
id		Integer		int32

GetUserDetailsResponse

GetUserDetailsResponse

Field Name	Required	Type	Description	Format
accessToken		String		
authenticated		Boolean		
officeId		Long		int64
officeName		String		
organisationalRole		EnumOptionData		
permissions		List of [string]		
roles		List of RoleData		
staffDisplayName		String		
staffId		Long		int64
userId		Long		int64
username		String		

GetUsersResponse

GetUsersResponse

Field Name	Required	Type	Description	Format
email		String		
firstname		String		
id		Long		int64
lastname		String		
officeId		Long		int64
officeName		String		
passwordNeverExpires		Boolean		

Field Name	Required	Type	Description	Format
selectedRoles		List of RoleData		
staff		StaffData		
username		String		

GetUsersTemplateResponse

GetUsersTemplateResponse

Field Name	Required	Type	Description	Format
allowedOffices		List of OfficeData		
availableRoles		List of RoleData		
selfServiceRoles		List of RoleData		

GetUsersUserIdResponse

GetUsersUserIdResponse

Field Name	Required	Type	Description	Format
availableRoles		List of RoleData		
email		String		
firstname		String		
id		Long		int64
lastname		String		
officeId		Long		int64
officeName		String		
passwordNeverExpires		Boolean		
selectedRoles		List of RoleData		
staff		StaffData		
username		String		

GetWorkingDaysResponse

GetWorkingDaysResponse

Field Name	Required	Type	Description	Format
extendTermForDailyRepayments		Boolean		
id		Long		int64
recurrence		String		
repaymentRescheduleType		EnumOptionData		

GetWorkingDaysTemplateResponse

GetWorkingDaysTemplateResponse

Field Name	Required	Type	Description	Format
repaymentRescheduleOptions		List of EnumOptionData		

GlobalConfigurationPropertyData

Field Name	Required	Type	Description	Format
dateValue		date		date
description		String		
enabled		Boolean		
id		Long		int64
name		String		
stringValue		String		
trapDoor		Boolean		
value		Long		int64

GrantedAuthority

Field Name	Required	Type	Description	Format
authority		String		

Group

Field Name	Required	Type	Description	Format
accountNumberRequiresAutoGeneration		Boolean		
activationLocalDate		date		date
active		Boolean		
activeClientMembers		Set of <i>Client</i>		
center		Boolean		
childGroup		Boolean		
clientMembers		Set of <i>Client</i>		
closed		Boolean		
group		Boolean		
groupLevel		GroupLevel		
groupMembers		List of <i>Group</i>		
id		Long		int64
new		Boolean		
notActive		Boolean		
notPending		Boolean		
office		Office		
parent		Group		
pending		Boolean		
staff		Staff		
submittedOnDate		date		date
transferInProgress		Boolean		
transferInProgressOrOnHold		Boolean		

Field Name	Required	Type	Description	Format
transferOnHold		Boolean		

GroupLevel

Field Name	Required	Type	Description	Format
center		Boolean		
group		Boolean		
id		Long		int64
levelName		String		
new		Boolean		
parentId		Long		int64
recursable		Boolean		
superParent		Boolean		

Grouping

Field Name	Required	Type	Description	Format
entities		List of Entity		
name		String		

Header

Field Name	Required	Type	Description	Format
name		String		
value		String		

HookTemplateData

Field Name	Required	Type	Description	Format
serviceId		Long		int64

IdDocument

Field Name	Required	Type	Description	Format
idNumber		String		
idType		String		
issuerCountry		String		
otherIdDescription		String		

Image

Field Name	Required	Type	Description	Format
id		Long		int64
location		String		
new		Boolean		
storageType		Integer		int32

InteropAccountData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
transactionId		String		

InteropIdentifierAccountResponseData

Field Name	Required	Type	Description	Format
accountId	X	String		
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
transactionId		String		

InteropIdentifierRequestData

Field Name	Required	Type	Description	Format
accountId	X	String		
idType	X	String		Enum: MSISDN, EMAIL, PERSONAL_ID, BUSINESS, DEVICE, ACCOUNT_ID, IBAN, ALIAS,

Field Name	Required	Type	Description	Format
idValue	X	String		
subIdOrType		String		

InteropIdentifiersResponseData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
transactionId		String		

InteropKycResponseData

Field Name	Required	Type	Description	Format
birthCountry		String		
changes		Map of [object]		
clientId		Long		int64
contactPhone		String		
creditReport		Map of [object]		
dateOfBirth		String		
emailAddress		String		

Field Name	Required	Type	Description	Format
gender		String		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
idDocument		List of <i>IdDocument</i>		
loanId		Long		int64
nationality		String		
officeId		Long		int64
postalAddress		PostalAddress		
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
subjectName		SubjectName		
transactionId		String		

InteropQuoteRequestData

Field Name	Required	Type	Description	Format
accountId	X	String		
amount	X	MoneyData		
amountType	X	String		<i>Enum:</i> SEND, RECEIVE,
expiration		Date		date-time
expirationLocalDate		date		date
extensionList		List of <i>ExtensionData</i>		
fees		MoneyData		

Field Name	Required	Type	Description	Format
geoCode		GeoCodeData		
note		String		
quoteCode	X	String		
requestCode		String		
transactionCode	X	String		
transactionRole	X	String		Enum: PAYER, PAYEE,
transactionType		InteropTransaction TypeData		

InteropQuoteResponseData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
expiration		String		
extensionList		List of ExtensionData		
fspCommission		MoneyData		
fspFee		MoneyData		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
quoteCode	X	String		
rollbackTransaction		Boolean		
savingsId		Long		int64

Field Name	Required	Type	Description	Format
state	X	String		Enum: ACCEPTED, REJECTED,
subResourceId		Long		int64
transactionCode	X	String		
transactionId		String		

InteropTransactionRequestData

Field Name	Required	Type	Description	Format
accountId	X	String		
amount	X	MoneyData		
expiration		Date		date-time
expirationLocalDate		date		date
extensionList		List of ExtensionData		
geoCode		GeoCodeData		
note		String		
requestCode		String		
transactionCode	X	String		
transactionRole	X	String		Enum: PAYER, PAYEE,
transactionType		InteropTransaction TypeData		

InteropTransactionRequestResponseData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
expiration		String		
extensionList		List of ExtensionData		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
requestCode	X	String		
rollbackTransaction		Boolean		
savingsId		Long		int64
state	X	String		<i>Enum:</i> ACCEPTE D, REJECT E D,
subResourceId		Long		int64
transactionCode	X	String		
transactionId		String		

InteropTransactionTypeData

Field Name	Required	Type	Description	Format
initiator	X	String		<i>Enum:</i> PAYER, PAYEE,

Field Name	Required	Type	Description	Format
initiatorType	X	String		<i>Enum:</i> CONSUMER, AGENT, BUSINESS, DEVICE,
scenario	X	String		<i>Enum:</i> DEPOSIT, WITHDRAWAL, TRANSFER, PAYMENT, REFUND,
subScenario		String		

InteropTransactionsData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
creditReport		Map of [object]		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
subResourceId		Long		int64
transactionId		String		

InteropTransferRequestData

Field Name	Required	Type	Description	Format
accountId	X	String		
amount	X	MoneyData		
expiration		Date		date-time
expirationLocalDate		date		date
extensionList		List of ExtensionData		
fspCommission		MoneyData		
fspFee		MoneyData		
geoCode		GeoCodeData		
note		String		
requestCode		String		
transactionCode	X	String		
transactionRole	X	String		Enum: PAYER, PAYEE,
transactionType		InteropTransactionTypeData		
transferCode	X	String		

InteropTransferResponseData

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
completedTimestamp		String		
creditReport		Map of [object]		
expiration		String		

Field Name	Required	Type	Description	Format
extensionList		List of <i>ExtensionData</i>		
glimId		Long		int64
groupId		Long		int64
gsimId		Long		int64
loanId		Long		int64
officeId		Long		int64
productId		Long		int64
rollbackTransaction		Boolean		
savingsId		Long		int64
state	X	String		<i>Enum:</i> ACCEPTED, REJECTED,
subResourceId		Long		int64
transactionCode	X	String		
transactionId		String		
transferCode	X	String		

JobDetailHistoryDataSwagger

Field Name	Required	Type	Description	Format
jobRunEndTime		Date		date-time
jobRunStartTime		Date		date-time
status		String		
triggerType		String		
version		Long		int64

JournalEntryCommand

Field Name	Required	Type	Description	Format
accountNumber		String		
accountingRuleId		Long		int64
amount		BigDecimal		
bankNumber		String		
checkNumber		String		
comments		String		
credits		List of SingleDebitOrCreditEntryCommand		
currencyCode		String		
debits		List of SingleDebitOrCreditEntryCommand		
officeId		Long		int64
paymentTypeId		Long		int64
receiptNumber		String		
referenceNumber		String		
routingCode		String		
transactionDate		date		date

JournalEntryData

Field Name	Required	Type	Description	Format
amount		BigDecimal		
createdDate		date		date
currencyCode		String		
entityId		Long		int64
entityType		EnumOptionData		
entryType		EnumOptionData		
glAccountId		Long		int64

Field Name	Required	Type	Description	Format
glAccountType		EnumOptionData		
id		Long		int64
manualEntry		Boolean		
officeId		Long		int64
paymentTypeId		Long		int64
rowIndex		Integer		int32
savingTransactionId		Long		int64
transactionDate		date		date
transactionId		String		

LoanProduct

Field Name	Required	Type	Description	Format
accountingDisabled		Boolean		
accountingType		Integer		int32
accrualBasedAccountingEnabled		Boolean		
allowApprovedDisbursedAmountsOverApplied		Boolean		
arrearsBasedOnOriginalSchedule		Boolean		
cashBasedAccountingEnabled		Boolean		
closeDate		date		date
currency		MonetaryCurrency		
disallowExpectedDisbursements		Boolean		
equalAmortization		Boolean		
externalId		String		

Field Name	Required	Type	Description	Format
fixedPrincipalPercentagePerInstallment		BigDecimal		
floatingRates		LoanProductFloatingRates		
holdGuaranteeFundsEnabled		Boolean		
id		Long		int64
includeInBorrowerCycle		Boolean		
installmentAmountInMultiplesOf		Integer		int32
interestPeriodFrequencyType		String		<i>Enum:</i> DAYS, WEEKS, MONTHS, YEARS, WHOLE_TERM, INVALID,
interestRecalculationEnabled		Boolean		
linkedToFloatingInterestRate		Boolean		
loanProductTrancheDetails		LoanProductTrancheDetails		
loanProductCharges		List of <i>Charge</i>		
loanProductConfigurableAttributes		LoanProductConfigurableAttributes		
loanProductGuaranteeDetails		LoanProductGuaranteeDetails		
loanProductRelatedDetail		LoanProductRelatedDetail		
maxNominalInterestRatePerPeriod		BigDecimal		

Field Name	Required	Type	Description	Format
maxNumberOfRepayments		Integer		int32
maxPrincipalAmount		Money		
minNominalInterestRatePerPeriod		BigDecimal		
minNumberOfRepayments		Integer		int32
minPrincipalAmount		Money		
minimumDaysBetweenDisbursalAndFirstRepayment		Integer		int32
multiDisburseLoan		Boolean		
new		Boolean		
nominalInterestRatePerPeriod		BigDecimal		
numberOfRepayments		Integer		int32
overAppliedCalculationType		String		
overAppliedNumber		Integer		int32
periodicAccrualAccountingEnabled		Boolean		
principalAmount		Money		
principalThresholdForLastInstallment		BigDecimal		
productInterestRecalculationDetails		LoanProductInterestRecalculationDetails		
rates		List of <i>Rate</i>		
repaymentStrategy		LoanTransactionProcessingStrategy		
shortName		String		

Field Name	Required	Type	Description	Format
startDate		date		date
syncExpectedWithDisbursementDate		Boolean		
upfrontAccrualAccountingEnabled		Boolean		

LoanProductBorrowerCycleVariationData

Field Name	Required	Type	Description	Format
borrowerCycleNumber		Integer		int32
defaultValue		BigDecimal		
paramType		String		<i>Enum:</i> INVALID, PRINCIPAL, INTERESTRATE, REPAYMENT,
valueConditionType		String		<i>Enum:</i> INVALID, EQUAL, GREATERTHAN,

LoanProductConfigurableAttributes

Field Name	Required	Type	Description	Format
amortizationBoolean		Boolean		
amortizationType		Boolean		
arrearsToleranceBoolean		Boolean		

Field Name	Required	Type	Description	Format
graceOnArrearsAgeing		Boolean		
graceOnArrearsAgeingBoolean		Boolean		
graceOnPrincipalAndInterestPayment		Boolean		
graceOnPrincipalAndInterestPaymentBoolean		Boolean		
id		Long		int64
inArrearsTolerance		Boolean		
interestCalcPeriodBoolean		Boolean		
interestCalculationPeriodType		Boolean		
interestMethodBoolean		Boolean		
interestType		Boolean		
loanProduct		LoanProduct		
new		Boolean		
repaymentEvery		Boolean		
repaymentEveryBoolean		Boolean		
transactionProcessingStrategyBoolean		Boolean		
transactionProcessingStrategyId		Boolean		

LoanProductData

Field Name	Required	Type	Description	Format
allowPartialPeriodInterestCalculation		Boolean		
amortizationType		EnumOptionData		

Field Name	Required	Type	Description	Format
amortizationTypeOptions		List of EnumOptionData		
annualInterestRate		BigDecimal		
chargeOptions		List of ChargeData		
closeDate		date		date
compoundingToBePostedAsTransaction		Boolean		
currency		CurrencyData		
daysInMonthType		EnumOptionData		
daysInYearType		EnumOptionData		
defaultDifferentialLendingRate		BigDecimal		
description		String		
equalAmortization		Boolean		
fixedPrincipalPercentagePerInstallment		BigDecimal		
floatingInterestRateCalculationAllowed		Boolean		
fundId		Long		int64
fundName		String		
fundOptions		List of FundData		
getloanProductConfigurableAttributes		LoanProductConfigurableAttributes		
graceOnArrearsAgeing		Integer		int32
graceOnInterestCharged		Integer		int32
graceOnInterestPayment		Integer		int32
graceOnPrincipalPayment		Integer		int32

Field Name	Required	Type	Description	Format
id		Long		int64
inArrearsTolerance		BigDecimal		
interestCalculationPeriodType		EnumOptionData		
interestCalculationPeriodTypeOptions		List of EnumOptionData		
interestRateDifferential		BigDecimal		
interestRateFrequencyType		EnumOptionData		
interestRateFrequencyTypeOptions		List of EnumOptionData		
interestRatePerPeriod		BigDecimal		
interestRateVariationsForBorrowerCycle		List of LoanProductBorrowerCycleVariationData		
interestRecalculationData		LoanProductInterestRecalculationData		
interestRecalculationEnabled		Boolean		
interestType		EnumOptionData		
interestTypeOptions		List of EnumOptionData		
linkedToFloatingInterestRates		Boolean		
maxDifferentialLendingRate		BigDecimal		
maxInterestRatePerPeriod		BigDecimal		
maxNumberOfRepayments		Integer		int32
maxPrincipal		BigDecimal		

Field Name	Required	Type	Description	Format
maximumGapBetweenInstallments		Integer		int32
minDifferentialLendingRate		BigDecimal		
minInterestRatePerPeriod		BigDecimal		
minNumberOfRepayments		Integer		int32
minPrincipal		BigDecimal		
minimumGapBetweenInstallments		Integer		int32
multiDisburseLoan		Boolean		
name		String		
numberOfRepaymentVariationsForBorrowerCycle		List of LoanProductBorrowerCycleVariationData		
numberOfRepayments		Integer		int32
outstandingLoanBalance		BigDecimal		
principal		BigDecimal		
principalVariationsForBorrowerCycle		List of LoanProductBorrowerCycleVariationData		
recurringMoratoriumOnPrincipalPeriods		Integer		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		EnumOptionData		
repaymentFrequencyTypeOptions		List of EnumOptionData		
startDate		date		date

Field Name	Required	Type	Description	Format
transactionProcessingStrategyId		Long		int64
transactionProcessingStrategyName		String		
variableInstallmentsAllowed		Boolean		

LoanProductFloatingRates

Field Name	Required	Type	Description	Format
defaultDifferentialLendingRate		BigDecimal		
floatingInterestRateCalculationAllowed		Boolean		
floatingRate		FloatingRate		
id		Long		int64
interestRateDifferential		BigDecimal		
loanProduct		LoanProduct		
maxDifferentialLendingRate		BigDecimal		
minDifferentialLendingRate		BigDecimal		
new		Boolean		

LoanProductGuaranteeDetails

Field Name	Required	Type	Description	Format
id		Long		int64
mandatoryGuarantee		BigDecimal		
minimumGuaranteeFromGuarantor		BigDecimal		

Field Name	Required	Type	Description	Format
minimumGuaranteeFromOwnFunds		BigDecimal		
new		Boolean		

LoanProductInterestRecalculationData

Field Name	Required	Type	Description	Format
compoundingToBePostedAsTransaction		Boolean		
interestRecalculationCompoundingType		EnumOptionData		
recalculationCompoundingFrequencyInterval		Integer		int32
recalculationCompoundingFrequencyNthDay		EnumOptionData		
recalculationCompoundingFrequencyOnDay		Integer		int32
recalculationCompoundingFrequencyType		EnumOptionData		
recalculationCompoundingFrequencyWeekday		EnumOptionData		
recalculationRestFrequencyInterval		Integer		int32
recalculationRestFrequencyNthDay		EnumOptionData		
recalculationRestFrequencyOnDay		Integer		int32
recalculationRestFrequencyType		EnumOptionData		

Field Name	Required	Type	Description	Format
recalculationRestFrequencyWeekday		EnumOptionData		
rescheduleStrategyType		EnumOptionData		

LoanProductInterestRecalculationDetails

Field Name	Required	Type	Description	Format
arrearsBasedOnOriginalSchedule		Boolean		
compoundingFrequencyNthDay		Integer		int32
compoundingFrequencyOnDay		Integer		int32
compoundingFrequencyType		String		Enum: INVALID, SAME_AS_REPAYMENT_PERIOD, DAILY, WEEKLY, MONTHLY,
compoundingFrequencyWeekday		Integer		int32
compoundingInterval		Integer		int32
id		Long		int64
interestRecalculationCompoundingMethod		Integer		int32
isCompoundingToBePostedAsTransaction		Boolean		
new		Boolean		

Field Name	Required	Type	Description	Format
rescheduleStrategyMethod		Integer		int32
restFrequencyNthDay		Integer		int32
restFrequencyOnDay		Integer		int32
restFrequencyType		String		Enum: INVALID, SAME_AS_REPAYMENT_PERIOD, DAILY, WEEKLY, MONTHLY,
restFrequencyWeekday		Integer		int32
restInterval		Integer		int32

LoanProductProvisioningEntryData

Field Name	Required	Type	Description	Format
amountreserved		BigDecimal		
balance		BigDecimal		
categoryId		Long		int64
categoryName		String		
criteriaId		Long		int64
currencyCode		String		
expenseAccount		Long		int64
expenseAccountCode		String		
expenseAccountName		String		
historyId		Long		int64

Field Name	Required	Type	Description	Format
liabilityAccountCode		String		
liabilityAccountName		String		
liabilityAccount		Long		int64
officeId		Long		int64
officeName		String		
overdueInDays		Long		int64
percentage		BigDecimal		
productId		Long		int64
productName		String		

LoanProductRelatedDetail

Field Name	Required	Type	Description	Format
allowPartialPeriodInterestCalculation		Boolean		
amortizationMethod		String		Enum: EQUAL_PRINCIPAL, EQUAL_INSTALLMENTS, INVALID,
annualNominalInterestRate		BigDecimal		
arrearsTolerance		BigDecimal		
currency		MonetaryCurrency		
equalAmortization		Boolean		
graceOnArrearsAgeing		Integer		int32
graceOnDueDate		Integer		int32

Field Name	Required	Type	Description	Format
graceOnInterestPayment		Integer		int32
graceOnPrincipalPayment		Integer		int32
inArrearsTolerance		Money		
interestCalculationPeriodMethod		String		<i>Enum:</i> DAILY, SAME_AS_REPAYMENT_PERIOD, INVALID,
interestMethod		String		<i>Enum:</i> DECLINING_BALANCE, FLAT, INVALID,
interestPeriodFrequencyType		String		<i>Enum:</i> DAYS, WEEKS, MONTHS, , YEARS, WHOLE_TERM, INVALID,
interestRecalculationEnabled		Boolean		
nominalInterestRatePerPeriod		BigDecimal		
numberOfRepayments		Integer		int32
principal		Money		
repayEvery		Integer		int32

Field Name	Required	Type	Description	Format
repaymentPeriodFrequencyType		String		Enum: DAYS, WEEKS, MONTHS, YEARS, WHOLE_TERM, INVALID,

LoanProductTrancheDetails

Field Name	Required	Type	Description	Format
multiDisburseLoan		Boolean		

LoanTransactionProcessingStrategy

Field Name	Required	Type	Description	Format
creocoreStrategy		Boolean		
earlyPaymentStrategy		Boolean		
heavensfamilyStrategy		Boolean		
id		Long		int64
indianRBIStrategy		Boolean		
interestPrincipalPenaltiesFeesOrderStrategy		Boolean		
new		Boolean		
principalInterestPenaltiesFeesOrderStrategy		Boolean		
standardStrategy		Boolean		

LookupTableData

Field Name	Required	Type	Description	Format
description		String		
entries		List of LookupTableEntry		
key		String		

LookupTableEntry

Field Name	Required	Type	Description	Format
score		Double		double
valueFrom		Integer		int32
valueTo		Integer		int32

MonetaryCurrency

Field Name	Required	Type	Description	Format
code		String		
currencyInMultiplesOf		Integer		int32
digitsAfterDecimal		Integer		int32

Money

Field Name	Required	Type	Description	Format
amount		BigDecimal		
amountDefaultedToNullIfZero		BigDecimal		
currency		MonetaryCurrency		
currencyCode		String		
currencyDigitsAfterDecimal		Integer		int32

Field Name	Required	Type	Description	Format
currencyInMultiplesOf		Integer		int32
greaterThanZero		Boolean		
lessThanZero		Boolean		
zero		Boolean		

MoneyData

Field Name	Required	Type	Description	Format
amount	X	BigDecimal		
currency	X	String		

MultiPart

Field Name	Required	Type	Description	Format
bodyParts		List of BodyPart		
contentDisposition		ContentDisposition		
entity		Object		
headers		Map of [array]		
mediaType		BodyPart_mediaType		
messageBodyWorkers		Object		
parameterizedHeaders		Map of [array]		
parent		MultiPart		
providers		Object		

Office

Field Name	Required	Type	Description	Format
hierarchy		String		

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		
new		Boolean		
openingLocalDate		date		date
parent		Office		

OfficeData

Field Name	Required	Type	Description	Format
hierarchy		String		
id		Long		int64
openingDate		date		date
rowIndex		Integer		int32

PageCashierTransactionData

Field Name	Required	Type	Description	Format
pageItems		List of CashierTransactionData		
totalFilteredRecords		Integer		int32

ParameterizedHeader

Field Name	Required	Type	Description	Format
parameters		Map of [string]		
value		String		

PaymentType

Field Name	Required	Type	Description	Format
cashPayment		Boolean		
id		Long		int64
new		Boolean		
paymentName		String		

Permission

Field Name	Required	Type	Description	Format
code		String		
grouping		String		
id		Long		int64
new		Boolean		

PostAccountNumberFormatsRequest

PostAccountNumberFormatsRequest

Field Name	Required	Type	Description	Format
accountType		Long		int64
prefixType		Long		int64

PostAccountNumberFormatsResponse

PostAccountNumberFormatsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostAccountTransfersRefundByTransferRequest

PostAccountTransfersRefundByTransferRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
fromAccountId		Integer		int32
fromAccountType		Integer		int32
fromClientId		Integer		int32
fromOfficeId		Integer		int32
locale		String		
toAccountId		Integer		int32
toAccountType		Integer		int32
toClientId		Integer		int32
toOfficeId		Integer		int32
transferAmount		Float		float
transferDate		String		
transferDescription		String		

PostAccountTransfersRefundByTransferResponse

PostAccountTransfersRefundByTransferResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32
savingsId		Integer		int32

PostAccountTransfersRequest

PostAccountTransfersRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
fromAccountId		Integer		int32
fromAccountType		Integer		int32
fromClientId		Integer		int32
fromOfficeId		Integer		int32

Field Name	Required	Type	Description	Format
locale		String		
toAccountId		Integer		int32
toAccountType		Integer		int32
toClientId		Integer		int32
toOfficeId		Integer		int32
transferAmount		Float		float
transferDate		String		
transferDescription		String		

PostAccountTransfersResponse

PostAccountTransfersResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32
savingsId		Integer		int32

PostAccountingRulesRequest

PostAccountingRulesRequest

Field Name	Required	Type	Description	Format
accountToCredit		Long		int64
accountToDebit		Long		int64
description		String		
name		String		
officeId		Long		int64

PostAccountingRulesResponse

PostAccountingRulesResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

PostAccountsCharges

Field Name	Required	Type	Description	Format
amount		Integer		int32
chargeId		Integer		int32

PostAccountsRequestedShares

Field Name	Required	Type	Description	Format
id		Integer		int32

PostAccountsTypeAccountIdRequest

PostAccountsTypeAccountIdRequest

Field Name	Required	Type	Description	Format
requestedShares		Set of PostAccountsRequestedShares		

PostAccountsTypeAccountIdResponse

PostAccountsTypeAccountIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostAccountsTypeRequest

PostAccountsTypeRequest

Field Name	Required	Type	Description	Format
allowDividendCalculationForInactiveClients		Boolean		
applicationDate		String		
charges		Set of PostAccountsCharges		
clientId		Integer		int32
dateFormat		String		
externalId		Integer		int32
locale		String		
lockinPeriodFrequency		Integer		int32
lockinPeriodFrequencyType		Integer		int32
minimumActivePeriod		Integer		int32
minimumActivePeriodFrequencyType		Integer		int32
productId		Integer		int32
requestedShares		Integer		int32
savingsAccountId		Integer		int32
submittedDate		String		

PostAccountsTypeResponse

PostAccountsTypeResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostAdhocQuerySearchRequest

PostAdhocQuerySearchRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
includeOutstandingAmountPercentage		Boolean		
includeOutstandingAmount		Boolean		
loanDateOption		String		
loanFromDate		date		date
loanToDate		date		date
locale		String		
maxOutstandingAmount		Long		int64
minOutstandingAmount		Long		int64
outstandingAmountPercentage		Long		int64
outstandingAmountPercentageCondition		String		
outstandingAmountCondition		String		

PostAdhocQuerySearchResponse

PostAdhocQuerySearchResponse

Field Name	Required	Type	Description	Format
loanOutStanding		Long		int64
loanProductName		String		
officeName		String		
percentage		Long		int64

PostAuthenticationRequest

PostAuthenticationRequest

Field Name	Required	Type	Description	Format
password	X	String		
username	X	String		

PostAuthenticationResponse

PostAuthenticationResponse

Field Name	Required	Type	Description	Format
authenticated		Boolean		
base64EncodedAuthenticationKey		String		
officeId		Long		int64
officeName		String		
organisationalRole		EnumOptionData		
permissions		List of [string]		
roles		List of RoleData		
staffDisplayName		String		
staffId		Long		int64
userId		Long		int64
username		String		

PostCentersCenterIdRequest

PostCentersCenterIdRequest

Field Name	Required	Type	Description	Format
closureDate		String		
closureReasonId		Integer		int32
dateFormat		String		
locale		String		

PostCentersCenterIdResponse

PostCentersCenterIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostCentersRequest

PostCentersRequest

Field Name	Required	Type	Description	Format
active		Boolean		
name		String		
officeId		Integer		int32

PostCentersResponse

PostCentersResponse

Field Name	Required	Type	Description	Format
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostChargesRequest

PostChargesRequest

Field Name	Required	Type	Description	Format
active		String		
amount		Float		float
chargeAppliesTo		Integer		int32
chargeCalculationType		Integer		int32

Field Name	Required	Type	Description	Format
chargePaymentMode		Integer		int32
chargeTimeType		Integer		int32
currencyCode		String		
locale		String		
monthDayFormat		String		
name		String		
penalty		String		

PostChargesResponse

PostChargesResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostClientClientIdAddressesRequest

PostClientClientIdAddressesRequest

Field Name	Required	Type	Description	Format
addressLine1		String		
addressLine2		String		
addressLine3		String		
city		String		
countryId		Integer		int32
isActive		Boolean		
postalCode		Long		int64
stateProvinceId		Integer		int32
street		String		

PostClientClientIdAddressesResponse

PostClientClientIdAddressesResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostClientCollateralRequest

PostClientCollateralRequest

Field Name	Required	Type	Description	Format
collateralId		Long		int64
locale		String		
quantity		BigDecimal		

PostClientCollateralResponse

PostClientCollateralResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
resourceId		Integer		int32

PostClientsAddressRequest

Address requests

Field Name	Required	Type	Description	Format
addressLine1		String		
addressLine2		String		
addressLine3		String		
addressTypeId		Long		int64
city		String		
countryId		Integer		int32

Field Name	Required	Type	Description	Format
isActive		Boolean		
postalCode		Long		int64
stateProvinceId		Integer		int32
street		String		

PostClientsClientIdChargesChargeIdRequest

PostClientsClientIdChargesChargeIdRequest

Field Name	Required	Type	Description	Format
amount		Integer		int32
dateFormat		String		
locale		String		
transactionDate		String		

PostClientsClientIdChargesChargeIdResponse

PostClientsClientIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
transactionId		Integer		int32

PostClientsClientIdChargesRequest

PostClientsClientIdChargesRequest

Field Name	Required	Type	Description	Format
amount		Integer		int32
chargeId		Integer		int32
dateFormat		String		

Field Name	Required	Type	Description	Format
dueDate		String		
locale		String		

PostClientsClientIdChargesResponse

PostClientsClientIdChargesResponse

Field Name	Required	Type	Description	Format
chargeId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostClientsClientIdIdentifiersRequest

PostClientsClientIdIdentifiersRequest

Field Name	Required	Type	Description	Format
description		String		
documentKey		String		
documentTypeId		Integer		int32

PostClientsClientIdIdentifiersResponse

PostClientsClientIdIdentifiersResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostClientsClientIdRequest

PostClientsClientIdRequest

Field Name	Required	Type	Description	Format
activationDate		String		
dateFormat		String		
locale		String		

PostClientsClientIdResponse

PostClientsClientIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostClientsClientIdTransactionsTransactionIdResponse

PostClientsClientIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostClientsDatatable

List of PostClientsDatatable

Field Name	Required	Type	Description	Format
data		Map of [object]		
registeredTableName		String		

PostClientsRequest

PostClientsRequest

Field Name	Required	Type	Description	Format
activationDate		String		
active		Boolean		
address		List of PostClientsAddressRequest	Address requests	
datatables		List of PostClientsDatatable	List of PostClientsDatatable	
dateFormat		String		
dateOfBirth		date		date
externalId		String		
firstname		String		
fullname		String		
groupId		Integer		int32
lastname		String		
legalFormId		Integer		int32
locale		String		
mobileNo		String		
officeId		Integer		int32

PostClientsResponse

PostClientsResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostCodeValueDataResponse

PostCodeValueDataResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostCodeValuesDataRequest

PostCodeValuesDataRequest

Field Name	Required	Type	Description	Format
description		String		
isActive		Boolean		
name		String		
position		Integer		int32

PostCodesRequest

PostCodesRequest

Field Name	Required	Type	Description	Format
name		String		

PostCodesResponse

PostCodesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostCollateralManagementProductRequest

PostCollateralManagementProductRequest

Field Name	Required	Type	Description	Format
basePrice		BigDecimal		
currency		String		
name		String		

Field Name	Required	Type	Description	Format
pctToBase		BigDecimal		
quality		String		
unitType		String		

PostCollateralManagementProductResponse

PostCollateralManagementProductResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostCollectionSheetBulkRepaymentTransactions

Field Name	Required	Type	Description	Format
loanId		Integer		int32
paymentTypeId		Integer		int32
receiptNumber		Long		int64
transactionAmount		Double		double

PostCollectionSheetChanges

Field Name	Required	Type	Description	Format
SavingsTransactions		List of [integer]		int32
dateFormat		String		
loanTransactions		List of [integer]		int32
locale		String		

PostCollectionSheetRequest

PostCollectionSheetRequest

Field Name	Required	Type	Description	Format
actualDisbursementDate		String		
bulkDisbursementTransactions		List of [integer]		int32
bulkRepaymentTransactions		PostCollectionSheet BulkRepaymentTransactions		
bulkSavingsDueTransactions		List of [integer]		int32
dateFormat		String		
locale		String		
transactionDate		String		

PostCollectionSheetResponse

PostCollectionSheetResponse

Field Name	Required	Type	Description	Format
changes		PostCollectionSheet Changes		
groupId		Integer		int32
resourceId		Integer		int32

PostColumnHeaderData

Field Name	Required	Type	Description	Format
code		String	Used in Code Value fields. Column name becomes: code_cd_name. Mandatory if using type Dropdown, otherwise an error is returned.	
length		Long	Length of the text field. Mandatory if type String is used, otherwise an error is returned.	int64
mandatory		Boolean	Defaults to false	

Field Name	Required	Type	Description	Format
name	X	String		
type	X	String	Any of them: Boolean	Date
DateTime	Decimal	Dropdown	Number	String

PostDataTablesAppTableIdResponse

PostDataTablesAppTableIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostDataTablesRequest

PostDataTablesRequest

Field Name	Required	Type	Description	Format
apptableName	X	String		
columns	X	List of PostColumnHeader Data		
datatableName	X	String		
multiRow		Boolean	Allows to create multiple entries in the Data Table. Optional, defaults to false. If this property is not provided Data Table will allow only one entry.	

PostDataTablesResponse

PostDataTablesResponse

Field Name	Required	Type	Description	Format
resourceIdentifier		String		

PostEntityDatatableChecksTemplateRequest

PostEntityDatatableChecksTemplateRequest

Field Name	Required	Type	Description	Format
datatableName		String		
entity		String		
productId		Long		int64
status		Long		int64

PostEntityDatatableChecksTemplateResponse

PostEntityDatatableChecksTemplateResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostEntityTypeEntityIdDocumentsResponse

PostEntityTypeEntityIdDocumentsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64
resourceIdentifier		String		

PostFinancialActivityAccountsRequest

PostFinancialActivityAccountsRequest

Field Name	Required	Type	Description	Format
financialActivityId		Long		int64
glAccountId		Long		int64

PostFinancialActivityAccountsResponse

PostFinancialActivityAccountsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostFixedDepositAccountsAccountIdResponse

PostFixedDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostFixedDepositAccountsRequest

PostFixedDepositAccountsRequest

Field Name	Required	Type	Description	Format
clientId		Integer		int32
dateFormat		String		
depositAmount		Float		float
depositPeriod		Integer		int32
depositPeriodFrequencyId		Integer		int32
locale		String		
productId		Integer		int32
submittedOnDate		String		

PostFixedDepositAccountsResponse

PostFixedDepositAccountsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostFixedDepositProductsChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
description		String		
fromPeriod		Integer		int32
periodType		Integer		int32
toPeriod		Integer		int32

PostFixedDepositProductsCharts

Field Name	Required	Type	Description	Format
chartSlabs		Set of PostFixedDepositProductsChartSlabs		
dateFormat		String		
fromDate		String		
locale		String		

PostFixedDepositProductsRequest

PostFixedDepositProductsRequest

Field Name	Required	Type	Description	Format
accountingRule		Integer		int32
charts		Set of PostFixedDepositProductsCharts		
currencyCode		String		
description		String		
digitsAfterDecimal		Integer		int32
inMultiplesOf		Integer		int32
interestCalculation DaysInYearType		Integer		int32

Field Name	Required	Type	Description	Format
interestCalculationType		Integer		int32
interestCompoundingPeriodType		Integer		int32
interestPostingPeriodType		Integer		int32
locale		String		
maxDepositTerm		Integer		int32
maxDepositTermTypeId		Integer		int32
minDepositTerm		Integer		int32
minDepositTermTypeId		Integer		int32
name		String		
preClosurePenalApplicable		Boolean		
preClosurePenalInterest		Double		double
preClosurePenalInterestOnTypeId		Integer		int32
shortName		String		

PostFixedDepositProductsResponse

PostFixedDepositProductsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostFloatingRatesRatePeriods

Field Name	Required	Type	Description	Format
dateFormat		String		
fromDate		String		

Field Name	Required	Type	Description	Format
interestRate		Double		double
locale		String		

PostFloatingRatesRequest

PostFloatingRatesRequest

Field Name	Required	Type	Description	Format
isActive		Boolean		
isBaseLendingRate		Boolean		
name		String		
ratePeriods		Set of PostFloatingRatesRatePeriods		

PostFloatingRatesResponse

PostFloatingRatesResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostFundsRequest

PostFundsRequest

Field Name	Required	Type	Description	Format
name		String		

PostFundsResponse

PostFundsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostGLAccountsRequest

PostGLAccountsRequest

Field Name	Required	Type	Description	Format
description		String		
glCode		String		
manualEntriesAllowed		Boolean		
name		String		
parentId		Long		int64
tagId		String		
type		String		
usage		String		

PostGLAccountsResponse

PostGLAccountsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostGlClosuresRequest

PostGLClosuresRequest

Field Name	Required	Type	Description	Format
closingDate		date		date
comments		String		
dateFormat		String		
locale		String		
officeId		Long		int64

PostGlClosuresResponse

PostGlClosuresResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

PostGroupsGroupIdClients

Field Name	Required	Type	Description	Format
id		Integer		int32

PostGroupsGroupIdCommandUnassignStaffRequest

PostGroupsGroupIdCommandUnassignStaffRequest

Field Name	Required	Type	Description	Format
staffId		Integer		int32

PostGroupsGroupIdCommandUnassignStaffResponse

PostGroupsGroupIdCommandUnassignStaffResponse

Field Name	Required	Type	Description	Format
changes		Object		
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostGroupsGroupIdRequest

PostGroupsGroupIdRequest

Field Name	Required	Type	Description	Format
clients		Set of <i>PostGroupsGroupIdClients</i>		

Field Name	Required	Type	Description	Format
destinationGroupId		Integer		int32

PostGroupsGroupIdResponse

PostGroupsGroupIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostGroupsRequest

PostGroupsRequest

Field Name	Required	Type	Description	Format
active		Boolean		
name		String		
officeId		Integer		int32

PostGroupsResponse

PostGroupsResponse

Field Name	Required	Type	Description	Format
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostHolidaysHolidayIdResponse

PostHolidaysHolidayIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostHolidaysRequest

PostHolidaysRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
fromDate		date		date
locale		String		
name		String		
offices		List of PostHolidaysRequestOffices		
repaymentsRescheduledTo		date		date
toDate		date		date

PostHolidaysRequestOffices

Field Name	Required	Type	Description	Format
officeId		Long		int64

PostHolidaysResponse

PostHolidaysResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostHookRequest

PostHookRequest

Field Name	Required	Type	Description	Format
config		List of Field		
displayName		String		

Field Name	Required	Type	Description	Format
events		List of Event		
isActive		Boolean		
name		String		
templateId		Long		int64

PostHookResponse

PostHookResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostInterestRateChartsChartIdChartSlabsIncentives

Field Name	Required	Type	Description	Format
amount		Float		float
attributeName		Integer		int32
attributeValue		Integer		int32
conditionType		Integer		int32
entityType		Integer		int32
incentiveType		Integer		int32

PostInterestRateChartsChartIdChartSlabsRequest

PostInterestRateChartsChartIdChartSlabsRequest

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
description		String		
fromPeriod		Integer		int32

Field Name	Required	Type	Description	Format
incentives		Set of PostInterestRateChartsChartIdChartSlabsIncentives		
locale		String		
periodType		Integer		int32
toPeriod		Integer		int32

PostInterestRateChartsChartIdChartSlabsResponse

PostInterestRateChartsChartIdChartSlabsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostInterestRateChartsRequest

PostInterestRateChartsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
fromDate		String		
locale		String		
name		String		
type		String		

PostInterestRateChartsResponse

PostInterestRateChartsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostJournalEntriesResponse

PostJournalEntriesResponse

Field Name	Required	Type	Description	Format
officeId		Long	1	int64
transactionId		String	RS9MCISID4WK1ZM	

PostJournalEntriesTransactionIdRequest

PostJournalEntriesTransactionIdRequest

Field Name	Required	Type	Description	Format
officeId		Long	1	int64

PostJournalEntriesTransactionIdResponse

PostJournalEntriesTransactionIdResponse

Field Name	Required	Type	Description	Format
officeId		Long	1	int64

PostLinkDelinkAccountsToFromPocketResponse

PostLinkDelinkAccountsToFromPocketResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostLoanChanges

Field Name	Required	Type	Description	Format
removedEntityIds		List of [integer]		int32

PostLoanProductsRequest

PostLoanProductsRequest

Field Name	Required	Type	Description	Format
accountMovesOutOfNPAOnlyOnArrearsCompletion		Boolean		
accountingRule		Integer		int32
allowApprovedDisbursedAmountsOverApplied		Boolean		
allowAttributeOverrides		AllowAttributeOverrides		
allowPartialPeriodInterestCalculation		Boolean		
allowVariableInstallments		Boolean		
amortizationType		Integer		int32
canDefineInstallmentAmount		Boolean		
canUseForTopup		Boolean		
charges		List of <i>ChargeId</i>		
closeDate		String		
currencyCode		String		
dateFormat		String		
daysInMonthType		Integer		int32
daysInYearType		Integer		int32
description		String		
digitsAfterDecimal		Integer		int32
disallowExpectedDisbursements		Boolean		
feeToIncomeAccountMappings		Set of <i>GetLoanFeeToIncomeAccountMappings</i>		
fixedPrincipalPercentagePerInstallment		BigDecimal		

Field Name	Required	Type	Description	Format
fundId		Long		int64
fundSourceAccountId		Integer		int32
graceOnArrearsAgeing		Integer		int32
holdGuaranteeFunds		Boolean		
inMultiplesOf		Integer		int32
includeInBorrowerCycle		Boolean		
incomeFromFeeAccountId		Integer		int32
incomeFromPenaltyAccountId		Integer		int32
incomeFromRecoveryAccountId		Long		int64
installmentAmountInMultiplesOf		Integer		int32
interestCalculationPeriodType		Integer		int32
interestOnLoanAccountId		Integer		int32
interestRateFrequencyType		Integer		int32
interestRatePerPeriod		Double		double
interestRateVariationsForBorrowerCycle		List of [integer]		int32
interestRecalculationCompoundingMethod		Integer		int32
interestType		Integer		int32
isEqualAmortization		Boolean		

Field Name	Required	Type	Description	Format
isInterestRecalculationEnabled		Boolean		
isLinkedToFloatingInterestRates		Boolean		
loanPortfolioAccountId		Integer		int32
locale		String		
maxInterestRatePerPeriod		Double		double
maxNumberOfRepayments		Integer		int32
maxPrincipal		Double		double
maxTrancheCount		Integer		int32
minInterestRatePerPeriod		Double		double
minNumberOfRepayments		Integer		int32
minPrincipal		Double		double
minimumDaysBetweenDisbursalAndFirstRepayment		Integer		int32
multiDisburseLoan		Boolean		
name		String		
numberOfRepaymentVariationsForBorrowerCycle		List of [integer]		int32
numberOfRepayments		Integer		int32
outstandingLoanBalance		Double		double
overAppliedCalculationType		String		
overAppliedNumber		Integer		int32

Field Name	Required	Type	Description	Format
overdueDaysForNPA		Integer		int32
overpaymentLiabilityAccountId		Integer		int32
paymentChannelToFundSourceMappings		Set of GetLoanPaymentChannelToFundSourceMappings		
penaltyToIncomeAccountMappings		List of ChargeToGLAccountMapper		
preClosureInterestCalculationStrategy		Integer		int32
principal		Double		double
principalThresholdForLastInstallment		Integer		int32
principalVariationsForBorrowerCycle		List of [integer]		int32
rates		List of RateData		
recalculationRestFrequencyType		Integer		int32
receivableFeeAccountId		Integer		int32
receivableInterestAccountId		Integer		int32
receivablePenaltyAccountId		Integer		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		Integer		int32
rescheduleStrategyMethod		Integer		int32
shortName		String		
startDate		String		

Field Name	Required	Type	Description	Format
transactionProcessingStrategyId		Integer		int32
transfersInSuspenseAccountId		Long		int64
useBorrowerCycle		Boolean		
writeOffAccountId		Integer		int32

PostLoanProductsResponse

PostLoanProductsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostLoansDisbursementData

List of PostLoansDisbursementData

Field Name	Required	Type	Description	Format
expectedDisbursementDate		date		date
principal		Double		double

PostLoansLoanIdChanges

PostLoansLoanIdChanges

Field Name	Required	Type	Description	Format
approvedOnDate		String		
dateFormat		String		
locale		String		
note		String		
status		PostLoansLoanIdStatus		

PostLoansLoanIdChargesChargeIdRequest

PostLoansLoanIdChargesChargeIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
transactionDate		String		

PostLoansLoanIdChargesChargeIdResponse

PostLoansLoanIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Integer		int32
savingsId		Long		int64

PostLoansLoanIdChargesRequest

PostLoansLoanIdChargesRequest

Field Name	Required	Type	Description	Format
amount		Float		float
chargeId		Integer		int32
dateFormat		String		
dueDate		String		
locale		String		

PostLoansLoanIdChargesResponse

PostLoansLoanIdChargesResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Integer		int32

PostLoansLoanIdCollateralsRequest

PostLoansLoanIdCollateralsRequest

Field Name	Required	Type	Description	Format
collateralTypeId		Integer		int32

PostLoansLoanIdCollateralsResponse

PostLoansLoanIdCollateralsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostLoansLoanIdDisbursementData

List of PostLoansLoanIdDisbursementData

Field Name	Required	Type	Description	Format
expectedDisbursementDate		date		date
principal		Double		double

PostLoansLoanIdRequest

PostLoansLoanIdRequest

Field Name	Required	Type	Description	Format
actualDisbursementDate		String		

Field Name	Required	Type	Description	Format
approvedLoanAmount		String		
approvedOnDate		String		
assignmentDate		String		
dateFormat		String		
disbursementData		List of PostLoansLoanIdDisbursementData	List of PostLoansLoanIdDisbursementData	
expectedDisbursementDate		String		
externalId		String		
fromLoanOfficerId		Integer		int32
locale		String		
note		String		
paymentTypeId		Integer		int32
toLoanOfficerId		Integer		int32
transactionAmount		String		

PostLoansLoanIdResponse

PostLoansLoanIdResponse

Field Name	Required	Type	Description	Format
changes		PostLoansLoanIdChanges		
clientId		Integer		int32
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostLoansLoanIdScheduleResponse

PostLoansLoanIdScheduleResponse

Field Name	Required	Type	Description	Format
changes		PostLoanChanges		
loanId		Integer		int32

PostLoansLoanIdStatus

PostLoansLoanIdStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
value		String		
waitingForDisbursal		Boolean		

PostLoansLoanIdTransactionsRequest

PostLoansLoanIdTransactionsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
externalId		String		
locale		String		
note		String		
paymentTypeId		Integer		int32
transactionAmount		Double		double

Field Name	Required	Type	Description	Format
transactionDate		String		

PostLoansLoanIdTransactionsResponse

PostLoansLoanIdTransactionsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostLoansLoanIdTransactionsTransactionIdRequest

PostLoansLoanIdTransactionsTransactionIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
note		String		
transactionAmount		Double		double
transactionDate		String		

PostLoansLoanIdTransactionsTransactionIdResponse

PostLoansLoanIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostLoansRepaymentSchedulePeriods

Field Name	Required	Type	Description	Format
dueDate		date		date

Field Name	Required	Type	Description	Format
feeChargesDue		Long		int64
feeChargesOutstanding		Long		int64
period		Integer		int32
principalDisbursed		Long		int64
principalLoanBalanceOutstanding		Long		int64
totalActualCostOfLoanForPeriod		Long		int64
totalDueForPeriod		Long		int64
totalOriginalDueForPeriod		Long		int64
totalOutstandingForPeriod		Long		int64
totalOverdue		Long		int64

PostLoansRequest

PostLoansRequest

Field Name	Required	Type	Description	Format
amortizationType		Integer		int32
clientId		Long		int64
dateFormat		String		
daysInYearType		Integer		int32 <i>Enum:</i> null,
disbursementData		List of PostLoansDisbursementData	List of PostLoansDisbursementData	
expectedDisbursementDate		String		
externalId		String		

Field Name	Required	Type	Description	Format
fixedPrincipalPercentagePerInstallment		BigDecimal		
interestCalculationPeriodType		Integer		int32
interestRatePerPeriod		Integer		int32
interestType		Integer		int32
loanTermFrequency		Integer		int32
loanTermFrequencyType		Integer		int32
loanType		String		
locale		String		
numberOfRepayments		Integer		int32
principal		String		
productId		Integer		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		Integer		int32
submittedOnDate		String		
transactionProcessingStrategyId		Integer		int32

PostLoansResponse

PostLoansResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
currency		GetLoansLoanIdCurrency		
loanId		Integer		int32

Field Name	Required	Type	Description	Format
loanTermInDays		Integer		int32
officeId		Integer		int32
periods		Set of PostLoansRepaymentSchedulePeriods		
resourceId		Integer		int32
totalFeeChargesCharged		Long		int64
totalInterestCharged		Double		double
totalOutstanding		Long		int64
totalPenaltyChargesCharged		Long		int64
totalPrincipalDisbursed		Long		int64
totalPrincipalExpected		Long		int64
totalPrincipalPaid		Long		int64
totalRepayment		Long		int64
totalRepaymentExpected		Double		double
totalWaived		Long		int64
totalWrittenOff		Long		int64

PostMakerCheckersResponse

PostMakerCheckersResponse

Field Name	Required	Type	Description	Format
auditId		Long		int64

PostNewShareApplicationResponse

PostNewShareApplicationResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostNewTransferResponse

PostNewTransferResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32
savingsId		Integer		int32

PostOfficesRequest

PostOfficesRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
externalId		String		
locale		String		
name		String		
openingDate		date		date
parentId		Long		int64

PostOfficesResponse

PostOfficesResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

PostPaymentTypesRequest

PostPaymentTypesRequest

Field Name	Required	Type	Description	Format
description		String		
isCashPayment		Boolean		
name		String		
position		Integer		int32

PostPaymentTypesResponse

PostPaymentTypesResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostProductsChargesSelected

Field Name	Required	Type	Description	Format
id		Integer		int32

PostProductsMarketPricePeriods

Field Name	Required	Type	Description	Format
dateFormat		String		
fromDate		String		
locale		String		
shareValue		Integer		int32

PostProductsTypeRequest

PostProductsTypeRequest

Field Name	Required	Type	Description	Format
accountingRule		Integer		int32

Field Name	Required	Type	Description	Format
allowDividendCalculationForInactiveClients		Boolean		
chargesSelected		Set of PostProductsChargesSelected		
currencyCode		String		
description		String		
digitsAfterDecimal		Integer		int32
inMultiplesOf		Integer		int32
locale		String		
lockinPeriodFrequency		Integer		int32
lockinPeriodFrequencyType		Integer		int32
marketPricePeriods		Set of PostProductsMarketPricePeriods		
maximumShares		Integer		int32
minimumActivePeriodForDividends		Integer		int32
minimumShares		Integer		int32
minimumactiveperiodFrequencyType		Integer		int32
name		String		
nominalShares		Integer		int32
sharesIssued		Integer		int32
shortName		String		
totalShares		Integer		int32
unitPrice		Integer		int32

PostProductsTypeResponse

PostProductsTypeResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostProvisioningCriteriaRequest

PostProvisioningCriteriaRequest

Field Name	Required	Type	Description	Format
criteriaName		String		
loanProducts		List of LoanProductData		
provisioningcriteria		List of ProvisioningCriteriaDefinitionData		

PostProvisioningCriteriaResponse

PostProvisioningCriteriaResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostProvisioningEntriesRequest

PostProvisioningEntriesRequest

Field Name	Required	Type	Description	Format
createjournalentries		String		
date		String		
dateFormat		String		
entries		String		
locale		String		
provisioningentry		String		

PostProvisioningEntriesResponse

PostProvisioningEntriesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostRecurringChanges

Field Name	Required	Type	Description	Format
accountNumber		String		
bankNumber		String		
checkNumber		String		
receiptNumber		String		
routingCode		String		

PostRecurringDepositAccountsAccountIdResponse

PostRecurringDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsRequest

Field Name	Required	Type	Description	Format
accountNumber		String		
bankNumber		String		
checkNumber		String		
dateFormat		String		

Field Name	Required	Type	Description	Format
locale		String		
paymentTypeId		Integer		int32
receiptNumber		String		
routingCode		String		
transactionAmount		Double		double
transactionDate		String		

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsResponse

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsResponse

Field Name	Required	Type	Description	Format
changes		PostRecurringChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

PostRecurringDepositAccountsRecurringDepositAccountIdTransactionsTransactionIdResponse

Field Name	Required	Type	Description	Format
changes		PostRecurringChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostRecurringDepositAccountsRequest

PostRecurringDepositAccountsRequest

Field Name	Required	Type	Description	Format
clientId		Integer		int32
dateFormat		String		
depositAmount		Float		float
depositPeriod		Integer		int32
depositPeriodFrequencyId		Integer		int32
isCalendarInherited		Boolean		
locale		String		
mandatoryRecommendedDepositAmount		Long		int64
productId		Integer		int32
recurringFrequency		Integer		int32
recurringFrequencyType		Integer		int32
submittedOnDate		String		

PostRecurringDepositAccountsResponse

PostRecurringDepositAccountsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostRecurringDepositProductsChartSlabs

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
description		String		
fromPeriod		Integer		int32
periodType		Integer		int32
toPeriod		Integer		int32

PostRecurringDepositProductsCharts

Field Name	Required	Type	Description	Format
chartSlabs		Set of PostRecurringDepositProductsChartSlabs		
dateFormat		String		
fromDate		String		
locale		String		

PostRecurringDepositProductsRequest

PostRecurringDepositProductsRequest

Field Name	Required	Type	Description	Format
accountingRule		Integer		int32
charts		Set of PostRecurringDepositProductsCharts		
currencyCode		String		
depositAmount		Long		int64
description		String		
digitsAfterDecimal		Integer		int32
inMultiplesOf		Integer		int32

Field Name	Required	Type	Description	Format
interestCalculationDaysInYearType		Integer		int32
interestCalculationType		Integer		int32
interestCompoundingPeriodType		Integer		int32
interestPostingPeriodType		Integer		int32
locale		String		
maxDepositAmount		Long		int64
maxDepositTerm		Integer		int32
maxDepositTermTypeId		Integer		int32
minDepositAmount		Long		int64
minDepositTerm		Integer		int32
minDepositTermTypeId		Integer		int32
name		String		
preClosurePenalApplicable		Boolean		
preClosurePenalInterest		Double		double
preClosurePenalInterestOnTypeId		Integer		int32
recurringDepositFrequency		Integer		int32
recurringDepositFrequencyTypeId		Integer		int32
shortName		String		

PostRecurringDepositProductsResponse

PostRecurringDepositProductsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostReportMailingJobsRequest

PostReportMailingJobsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
emailMessage		String		
emailRecipients		String		
emailSubject		String		
isActive		Boolean		
locale		String		
name		String		
recurrence		String		
startDateTime		Date		date-time
stretchyReportId		Long		int64
stretchyReportParamMap		String		

PostReportMailingJobsResponse

PostReportMailingJobsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostReportsResponse

PostReportsResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostRepostRequest

PostRepostRequest

Field Name	Required	Type	Description	Format
description		String		
reportCategory		String		
reportName		String		
reportParameters		List of [object]		
reportSql		String		
reportSubType		String		
reportType		String		

PostResourceTypeResourceIdNotesRequest

PostResourceTypeResourceIdNotesRequest

Field Name	Required	Type	Description	Format
note		String		

PostResourceTypeResourceIdNotesResponse

PostResourceTypeResourceIdNotesResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostRolesRequest

PostRolesRequest

Field Name	Required	Type	Description	Format
description		String		
name		String		

PostRolesResponse

PostRolesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostRolesRoleIdPermissionsResponsePermissions

Field Name	Required	Type	Description	Format
ALL_FUNCTIONS_READ		String		

PostRolesRoleIdResponse

PostRolesRoleIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostRunaccrualsRequest

runaccrualsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
tillDate	X	String	which specifies periodic accruals should happen till the given Date	

PostSavingsAccountBulkReversalTransactionsRequest

PostSavingsAccountBulkReversalTransactionsRequest

Field Name	Required	Type	Description	Format
isBulk		String		

PostSavingsAccountTransactionsRequest

PostSavingsAccountTransactionsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
lienAllowed		String		
locale		String		
reasonForBlock		String		
transactionAmount		Integer		int32
transactionDate		String		

PostSavingsAccountTransactionsResponse

PostSavingsAccountTransactionsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostSavingsAccountsAccountIdRequest

PostSavingsAccountsAccountIdRequest

Field Name	Required	Type	Description	Format
activatedOnDate		String		

Field Name	Required	Type	Description	Format
approvedOnDate		String		
dateFormat		String		
locale		String		

PostSavingsAccountsAccountIdResponse

PostSavingsAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
changes		Object		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostSavingsAccountsRequest

PostSavingsAccountsRequest

Field Name	Required	Type	Description	Format
clientId		Integer		int32
dateFormat		String		
locale		String		
productId		Integer		int32
submittedOnDate		String		

PostSavingsAccountsResponse

PostSavingsAccountsResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

Field Name	Required	Type	Description	Format
savingsId		Integer		int32

PostSavingsAccountsSavingsAccountIdChargesRequest

PostSavingsAccountsSavingsAccountIdChargesRequest

Field Name	Required	Type	Description	Format
amount		Float		float
chargeId		Integer		int32
dateFormat		String		
dueDate		String		
locale		String		

PostSavingsAccountsSavingsAccountIdChargesResponse

PostSavingsAccountsSavingsAccountIdChargesResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest

PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest

Field Name	Required	Type	Description	Format
amount		Float		float
dateFormat		String		
dueDate		String		
locale		String		

PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

PostSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PostSavingsCharges

Field Name	Required	Type	Description	Format
id		Integer		int32

PostSavingsProductsRequest

PostSavingsProductsRequest

Field Name	Required	Type	Description	Format
accountMappingForPayment		String		
accountingRule		Integer		int32
charges		Set of PostSavingsCharges		
currencyCode		String		
description		String		
digitsAfterDecimal		Integer		int32
inMultiplesOf		Integer		int32
interestCalculationDaysInYearType		Integer		int32
interestCalculationType		Integer		int32

Field Name	Required	Type	Description	Format
interestCompoundingPeriodType		Integer		int32
interestPostingPeriodType		Integer		int32
locale		String		
name		String		
nominalAnnualInterestRate		Double		double
shortName		String		

PostSavingsProductsResponse

PostSavingsProductsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostSelfAuthenticationResponse

PostSelfAuthenticationResponse

Field Name	Required	Type	Description	Format
authenticated		Boolean		
base64EncodedAuthenticationKey		String		
clients		List of [integer]		int32
isSelfServiceUser		Boolean		
officeId		Integer		int32
officeName		String		
organisationalRole		GetSelfUserDetails OrganisationalRole		
permissions		List of [string]		

Field Name	Required	Type	Description	Format
roles		Set of GetSelfUserDetailsRoles		
staffDisplayName		String		
staffId		Integer		int32
userId		Integer		int32
username		String		

PostSelfBeneficiariesTPTRequest

PostSelfBeneficiariesTPTRequest

Field Name	Required	Type	Description	Format
accountNumber		Long		int64
accountType		Integer		int32
locale		String		
name		String		
officeName		String		
transferLimit		Integer		int32

PostSelfBeneficiariesTPTResponse

PostSelfBeneficiariesTPTResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostSelfLoansData

Field Name	Required	Type	Description	Format
Activation_Date		String		
dateFormat		String		
locale		String		

PostSelfLoansDatatables

Field Name	Required	Type	Description	Format
data		PostSelfLoansData		
registeredTableName		String		

PostSelfLoansDisbursementData

Field Name	Required	Type	Description	Format
approvedPrincipal		Long		int64
expectedDisbursementDate		String		
principal		Long		int64

PostSelfLoansLoanIdChanges

Field Name	Required	Type	Description	Format
closedOnDate		String		
dateFormat		String		
locale		String		
status		PostSelfLoansLoanIdStatus		
withdrawnOnDate		String		

PostSelfLoansLoanIdRequest

PostSelfLoansLoanIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
note		String		
withdrawnOnDate		String		

PostSelfLoansLoanIdResponse

PostSelfLoansLoanIdResponse

Field Name	Required	Type	Description	Format
changes		PostSelfLoansLoanIdChanges		
clientId		Integer		int32
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostSelfLoansLoanIdStatus

Field Name	Required	Type	Description	Format
active		Boolean		
closed		Boolean		
closedObligationsMet		Boolean		
closedRescheduled		Boolean		
closedWrittenOff		Boolean		
code		String		
description		String		
id		Integer		int32
overpaid		Boolean		
pendingApproval		Boolean		
waitingForDisbursal		Boolean		

PostSelfLoansRequest

PostSelfLoansRequest

Field Name	Required	Type	Description	Format
amortizationType		Integer		int32

Field Name	Required	Type	Description	Format
clientId		Integer		int32
datatables		Set of PostSelfLoansDatatables		
dateFormat		String		
disbursementData		Set of PostSelfLoansDisbursementData		
expectedDisbursementDate		String		
fixedEmiAmount		Integer		int32
interestCalculationPeriodType		Integer		int32
interestRatePerPeriod		Integer		int32
interestType		Integer		int32
linkAccountId		Integer		int32
loanTermFrequency		Integer		int32
loanTermFrequencyType		Integer		int32
loanType		String		
locale		String		
maxOutstandingLoanBalance		Long		int64
numberOfRepayments		Integer		int32
principal		Double		double
productId		Integer		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		Integer		int32
submittedOnDate		String		

Field Name	Required	Type	Description	Format
transactionProcessingStrategyId		Integer		int32

PostSelfLoansResponse

PostSelfLoansResponse

Field Name	Required	Type	Description	Format
clientId		Integer		int32
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PostStaffRequest

PostStaffRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
externalId		String		
firstname		String		
isActive		Boolean		
isLoanOfficer		Boolean		
joiningDate		date		date
lastname		String		
locale		String		
mobileNo		String		
officeId		Long		int64

PostStandingInstructionsRequest

PostStandingInstructionsRequest

Field Name	Required	Type	Description	Format
amount		Integer		int32
dateFormat		String		
fromAccountId		Long		int64
fromAccountType		Integer		int32
fromClientId		Long		int64
fromOfficeId		Long		int64
instructionType		Integer		int32
locale		String	en	
monthDayFormat		String		
name		String		
priority		Integer		int32
recurrenceFrequency		Integer		int32
recurrenceInterval		Integer		int32
recurrenceOnMonthDay		String		
recurrenceType		Integer		int32
status		Integer		int32
toAccountId		Long		int64
toAccountType		Integer		int32
toClientId		Long		int64
toOfficeId		Long		int64
transferType		Integer		int32
validFrom		String		

PostStandingInstructionsResponse

PostStandingInstructionsResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
resourceId		Integer		int32

PostSurveySurveyNameApptableIdRequest

PostSurveySurveyNameApptableIdRequest

Field Name	Required	Type	Description	Format
Date		Date		date-time
dateFormat		Date		date-time
locale		String		
ppi_businessoccupation_cd_q3_businessoccupation		Long		int64
ppi_floortype_cd_q5_floortype		Long		int64
ppi_fryingpans_cd_q10_fryingpans		Long		int64
ppi_habitablerooms_cd_q4_habitablerooms		Long		int64
ppi_highestschool_cd_q2_highestschool		Long		int64
ppi_household_members_cd_q1_householdmembers		Long		int64
ppi_irons_cd_q7_irons		Long		int64
ppi_lightingsource_cd_q6_lightingsource		Long		int64
ppi_mosquitonets_cd_q8_mosquitonets		Long		int64
ppi_towels_cd_q9_towels		Long		int64

PostSurveySurveyNameApptableIdResponse

PostSurveySurveyNameApptableIdResponse

Field Name	Required	Type	Description	Format
clientId		Long		int64
officeId		Long		int64
resourceId		Long		int64

PostTaxesComponentsRequest

PostTaxesComponentsRequest

Field Name	Required	Type	Description	Format
creditAccountType		Integer		int32
creditAccountId		Integer		int32
dateFormat		String		
locale		String		
name		String		
percentage		Float		float
startDate		String		

PostTaxesComponentsResponse

PostTaxesComponentsResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostTaxesGroupRequest

PostTaxesGroupRequest

Field Name	Required	Type	Description	Format
dateFormat		String		

Field Name	Required	Type	Description	Format
locale		String		
name		String		
taxComponents		Set of PostTaxesGroupTaxComponents		

PostTaxesGroupResponse

PostTaxesGroupResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PostTaxesGroupTaxComponents

Field Name	Required	Type	Description	Format
startDate		String		
taxComponentId		Integer		int32

PostTellersRequest

PostTellersRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
locale		String		
name		String		
officeId		Long		int64
startDate		date		date

Field Name	Required	Type	Description	Format
status		String		<i>Enum:</i> INVALID, PENDING, ACTIVE, INACTIVE, CLOSED,

PostTellersResponse

PostTellersResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

PostTellersTellerIdCashiersCashierIdAllocateRequest

PostTellersTellerIdCashiersCashierIdAllocateRequest

Field Name	Required	Type	Description	Format
currencyCode		String		
dateFormat		String		
locale		String		
txnAmount		BigDecimal		
txnDate		date		date
txnNote		String		

PostTellersTellerIdCashiersCashierIdAllocateResponse

PostTellersTellerIdCashiersCashierIdAllocateResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

Field Name	Required	Type	Description	Format
subResourceId		Long		int64

PostTellersTellerIdCashiersCashierIdSettleRequest

PostTellersTellerIdCashiersCashierIdSettleRequest

Field Name	Required	Type	Description	Format
currencyCode		String		
dateFormat		String		
locale		String		
txnAmount		BigDecimal		
txnDate		date		date
txnNote		String		

PostTellersTellerIdCashiersCashierIdSettleResponse

PostTellersTellerIdCashiersCashierIdSettleResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64
subResourceId		Long		int64

PostTellersTellerIdCashiersRequest

PostTellersTellerIdCashiersRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
endDate		date		date
isFullDay		Boolean		
locale		String		
staffId		Long		int64

Field Name	Required	Type	Description	Format
startDate		date		date

PostTellersTellerIdCashiersResponse

PostTellersTellerIdCashiersResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64
subResourceId		Long		int64

PostTemplatesRequest

PostTemplatesRequest

Field Name	Required	Type	Description	Format
entity		Long		int64
id		Long		int64
mappers		List of TemplateMapper		
name		String		
text		String		
type		Long		int64

PostTemplatesResponse

PostTemplatesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PostUsersRequest

PostUsersRequest

Field Name	Required	Type	Description	Format
email		String		
firstname		String		
isSelfServiceUser		Boolean		
lastname		String		
officeId		Long		int64
password		String		
repeatPassword		String		
roles		List of [string]		
sendPasswordToEmail		Boolean		
staffId		Long		int64
username		String		

PostUsersResponse

PostUsersResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

PostalAddress

Field Name	Required	Type	Description	Format
addressLine1		String		
addressLine2		String		
city		String		
country		String		
postalCode		String		
stateProvince		String		

ProcessingResultLookup

Field Name	Required	Type	Description	Format
id		Long		int64
processingResult		String		

ProvisioningCriteriaDefinitionData

Field Name	Required	Type	Description	Format
categoryId		Long		int64
categoryName		String		
expenseAccount		Long		int64
expenseCode		String		
id		Long		int64
liabilityAccount		Long		int64
liabilityCode		String		
maxAge		Long		int64
minAge		Long		int64
provisioningPercentage		BigDecimal		

ProvisioningEntryData

Field Name	Required	Type	Description	Format
createdDate		date		date
entries		List of LoanProductProvisioningEntryData		
id		Long		int64

PutAccountNumberFormatsRequest

PutAccountNumberFormatsRequest

Field Name	Required	Type	Description	Format
prefixType		Long		int64

PutAccountNumberFormatsResponse

PutAccountNumberFormatsResponse

Field Name	Required	Type	Description	Format
changes		PutAccountNumberFormatschangesSwagger		
resourceId		Long		int64

PutAccountNumberFormatschangesSwagger

Field Name	Required	Type	Description	Format
prefixType		Long		int64

PutAccountingRulesRequest

PutAccountingRulesRequest

Field Name	Required	Type	Description	Format
name		String		

PutAccountingRulesResponse

PutAccountingRulesResponse

Field Name	Required	Type	Description	Format
changes		PutAccountingRulesResponsechangesSwagger		
resourceId		Long		int64

PutAccountingRulesResponsechangesSwagger

Field Name	Required	Type	Description	Format
name		String		

PutAccountsChanges

Field Name	Required	Type	Description	Format
applicationDate		String		
dateFormat		String		
locale		String		
requestedShares		Integer		int32

PutAccountsTypeAccountIdRequest

PutAccountsTypeAccountIdRequest

Field Name	Required	Type	Description	Format
applicationDate		String		
dateFormat		String		
locale		String		
requestedShares		Integer		int32

PutAccountsTypeAccountIdResponse

PutAccountsTypeAccountIdResponse

Field Name	Required	Type	Description	Format
changes		PutAccountsChanges		
resourceId		Integer		int32

PutCachechangesSwagger

Field Name	Required	Type	Description	Format
cacheType		Long		int64

PutCachesRequest

PutCachesRequest

Field Name	Required	Type	Description	Format
cacheType		Long		int64

PutCachesResponse

PutCachesResponse

Field Name	Required	Type	Description	Format
cacheType		PutCachechangesSwagger		

PutCentersCenterIdRequest

PutCentersCenterIdRequest

Field Name	Required	Type	Description	Format
name		String		

PutCentersCenterIdResponse

PutCentersCenterIdResponse

Field Name	Required	Type	Description	Format
changes		PutCentersChanges		
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutCentersChanges

Field Name	Required	Type	Description	Format
name		String		

PutChargeTransactionChangesRequest

PutChargeTransactionChangesRequest

Field Name	Required	Type	Description	Format
id		Integer		int32
loanId		Integer		int32

PutChargeTransactionChangesResponse

PutChargeTransactionChangesResponse

Field Name	Required	Type	Description	Format
changes		Changes		
loanId		Integer		int32
resourceId		Integer		int32

PutChargesChargeIdRequest

PutChargesChargeIdRequest

Field Name	Required	Type	Description	Format
name		String		

PutChargesChargeIdResponse

PutChargesChargeIdResponse

Field Name	Required	Type	Description	Format
changes		PutChargesChargeIdRequest		

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PutClientClientIdAddressesRequest

PutClientClientIdAddressesRequest

Field Name	Required	Type	Description	Format
addressId		Integer		int32
street		String		

PutClientClientIdAddressesResponse

PutClientClientIdAddressesResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PutClientCollateralRequest

PutClientCollateralRequest

Field Name	Required	Type	Description	Format
locale		String		
quantity		BigDecimal		

PutClientCollateralResponse

PutClientCollateralResponse

Field Name	Required	Type	Description	Format
changes		PutClientCollateralRequest		
clientId		Integer		int32
resourceId		Integer		int32

PutClientsClientIdIdentifiersIdentifierIdRequest

PutClientsClientIdIdentifiersIdentifierIdRequest

Field Name	Required	Type	Description	Format
description		String		
documentKey		String		
documentTypeId		Integer		int32

PutClientsClientIdIdentifiersIdentifierIdResponse

PutClientsClientIdIdentifiersIdentifierIdResponse

Field Name	Required	Type	Description	Format
changes		PutClientsClientIdIdentifiersIdentifierIdRequest		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutClientsClientIdRequest

PutClientsClientIdRequest

Field Name	Required	Type	Description	Format
externalId		String		

PutClientsClientIdResponse

PutClientsClientIdResponse

Field Name	Required	Type	Description	Format
changes		PutClientsClientIdRequest		
clientId		Integer		int32

Field Name	Required	Type	Description	Format
officeId		Integer		int32
resourceId		Integer		int32

PutCodeValueDataResponse

PutCodeValueDataResponse

Field Name	Required	Type	Description	Format
changes		PutCodeValuechangesSwagger		
resourceId		Long		int64

PutCodeValuechangesSwagger

Field Name	Required	Type	Description	Format
description		String		
name		String		
position		Integer		int32

PutCodeValuesDataRequest

PutCodeValuesDataRequest

Field Name	Required	Type	Description	Format
description		String		
name		String		
position		Integer		int32

PutCodesApichangesSwagger

Field Name	Required	Type	Description	Format
name		String		

PutCodesRequest

PutCodesRequest

Field Name	Required	Type	Description	Format
name		String		

PutCodesResponse

PutCodesResponse

Field Name	Required	Type	Description	Format
changes		PutCodesApichangesSwagger		
resourceId		Long		int64

PutCollateralProductRequest

PutCollateralProductRequest

Field Name	Required	Type	Description	Format
basePrice		BigDecimal		
currency		String		
name		String		
pctToBase		BigDecimal		
quality		String		
unitType		String		

PutCollateralProductResponse

PutCollateralProductResponse

Field Name	Required	Type	Description	Format
changes		PutCollateralProductRequest		
resourceId		Integer		int32

PutCurrenciesRequest

PutCurrenciesRequest

Field Name	Required	Type	Description	Format
currencies		List of [string]		

PutCurrenciesResponse

PutCurrenciesResponse

Field Name	Required	Type	Description	Format
currencies		List of [string]		

PutDataTablesAppTableIdDatatableIdResponse

PutDataTablesAppTableIdDatatableIdResponse

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Long		int64

PutDataTablesAppTableIdResponse

PutDataTablesAppTableIdResponse

Field Name	Required	Type	Description	Format
changes		Map of [object]		
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Long		int64

PutDataTablesRequest

PutDataTablesRequest

Field Name	Required	Type	Description	Format
ChangeColumns		List of PutDataTablesRequestChangeColumns		
addColumnns		List of PutDataTablesRequestAddColumns		
appTableName		String		
dropColumns		List of PutDataTablesRequestDropColumns		

PutDataTablesRequestAddColumns

Field Name	Required	Type	Description	Format
code		String		
mandatory		Boolean		
name		String		
type		String		

PutDataTablesRequestChangeColumns

Field Name	Required	Type	Description	Format
code		String		
mandatory		Boolean		
name		String		
newCode		String		
newName		String		

PutDataTablesRequestDropColumns

Field Name	Required	Type	Description	Format
name		String		

PutDataTablesResponse

PutDataTablesResponse

Field Name	Required	Type	Description	Format
resourceIdentifier		String		

PutEntityTypeEntityIdDocumentsResponse

PutEntityTypeEntityIdDocumentsResponse

Field Name	Required	Type	Description	Format
changes		Object		
resourceId		Long		int64
resourceIdentifier		String		

PutExternalServiceRequest

PutExternalServiceRequest

Field Name	Required	Type	Description	Format
password		String		
username		String		

PutFinancialActivityAccountsResponse

PutFinancialActivityAccountsResponse

Field Name	Required	Type	Description	Format
comments		PutFinancialActivityAccountscommentsSwagger		
resourceId		Long		int64

PutFinancialActivityAccountscommentsSwagger

Field Name	Required	Type	Description	Format
glAccountId		Long		int64

PutFixedDepositAccountsAccountIdRequest

PutFixedDepositAccountsAccountIdRequest

Field Name	Required	Type	Description	Format
depositAmount		Float		float
locale		String		

PutFixedDepositAccountsAccountIdResponse

PutFixedDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
changes		PutFixedDepositAccountsChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PutFixedDepositAccountsChanges

Field Name	Required	Type	Description	Format
depositAmount		Float		float
locale		String		

PutFixedDepositProductsChanges

Field Name	Required	Type	Description	Format
description		String		
minDepositTerm		Integer		int32

PutFixedDepositProductsProductIdRequest

PutFixedDepositProductsProductIdRequest

Field Name	Required	Type	Description	Format
description		String		
locale		String		
minDepositTerm		Integer		int32
minDepositTermType		Integer		int32

PutFixedDepositProductsProductIdResponse

PutFixedDepositProductsProductIdResponse

Field Name	Required	Type	Description	Format
changes		PutFixedDepositProductsChanges		
resourceId		Integer		int32

PutFloatingRatesChanges

Field Name	Required	Type	Description	Format
ratePeriods		Set of PostFloatingRatesRatePeriods		

PutFloatingRatesFloatingRateIdRequest

PutFloatingRatesFloatingRateIdRequest

Field Name	Required	Type	Description	Format
isActive		Boolean		
isBaseLendingRate		Boolean		
name		String		
ratePeriods		Set of PostFloatingRatesRatePeriods		

PutFloatingRatesFloatingRateIdResponse

PutFloatingRatesFloatingRateIdResponse

Field Name	Required	Type	Description	Format
changes		PutFloatingRatesChanges		
resourceId		Integer		int32

PutFundsFundIdRequest

PutFundsFundIdRequest

Field Name	Required	Type	Description	Format
name		String		

PutFundsFundIdResponse

PutFundsFundIdResponse

Field Name	Required	Type	Description	Format
changes		PutFundsFundIdRequest		
resourceId		Integer		int32

PutGLAccountsRequest

PutGLAccountsRequest

Field Name	Required	Type	Description	Format
name		String		

PutGLAccountsResponse

PutGLAccountsResponse

Field Name	Required	Type	Description	Format
changes		PutGLAccountsResponsechangesSwagger		
resourceId		Integer		int32

PutGLAccountsResponsechangesSwagger

Field Name	Required	Type	Description	Format
name		String		

PutGlclosuresRequest

PutGlclosuresRequest

Field Name	Required	Type	Description	Format
comments		String		

PutGlclosuresResponse

PutGlclosuresResponse

Field Name	Required	Type	Description	Format
comments		String		
officeId		Long		int64
resourceId		Long		int64

PutGlobalConfigurationsRequest

PutGlobalConfigurationsRequest

Field Name	Required	Type	Description	Format
description		Long		int64
enabled		Boolean		

PutGlobalConfigurationsResponse

PutGlobalConfigurationsResponse

Field Name	Required	Type	Description	Format
changes		PutGlobalConfigurationsResponsechangesSwagger		
resourceId		Long		int64

PutGlobalConfigurationsResponsechangesSwagger

Field Name	Required	Type	Description	Format
enabled		Boolean		

PutGroupsGroupIdChanges

Field Name	Required	Type	Description	Format
name		String		

PutGroupsGroupIdRequest

PutGroupsGroupIdRequest

Field Name	Required	Type	Description	Format
name		String		

PutGroupsGroupIdResponse

PutGroupsGroupIdResponse

Field Name	Required	Type	Description	Format
changes		PutGroupsGroupIdChanges		
groupId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutHolidaysHolidayIdRequest

PutHolidaysHolidayIdRequest

Field Name	Required	Type	Description	Format
description		String		
name		String		

PutHolidaysHolidayIdResponse

PutHolidaysHolidayIdResponse

Field Name	Required	Type	Description	Format
changes		PutHolidaysHolidayIdResponseChanges		
resourceId		Long		int64

PutHolidaysHolidayIdResponseChanges

Field Name	Required	Type	Description	Format
description		String		
name		String		

PutHookRequest

PutHookRequest

Field Name	Required	Type	Description	Format
config		List of Field		
displayName		String		
events		List of Event		
isActive		Boolean		
name		String		
templateId		Long		int64

PutHookResponse

PutHookResponse

Field Name	Required	Type	Description	Format
changes		PutHookResponseChangesSwagger		
resourceId		Long		int64

PutHookResponseChangesSwagger

Field Name	Required	Type	Description	Format
config		List of Field		
displayName		String		
events		List of Event		

PutInterestRateChartsChartIdChartSlabsChartSlabIdRequest

PutInterestRateChartsChartIdChartSlabsChartSlabIdRequest

Field Name	Required	Type	Description	Format
annualInterestRate		Double		double
description		String		

PutInterestRateChartsChartIdChartSlabsChartSlabIdResponse

PutInterestRateChartsChartIdChartSlabsChartSlabIdResponse

Field Name	Required	Type	Description	Format
changes		PutInterestRateChartsChartIdChartSlabsChartSlabIdRequest		
resourceId		Integer		int32

PutInterestRateChartsChartIdRequest

PutInterestRateChartsChartIdRequest

Field Name	Required	Type	Description	Format
description		String		
name		String		

PutInterestRateChartsChartIdResponse

PutInterestRateChartsChartIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PutJobsJobIDRequest

PutJobsJobsIDRequest

Field Name	Required	Type	Description	Format
active		Boolean		
cronExpression		String		
displayName		String		

PutLoanChanges

Field Name	Required	Type	Description	Format
locale		String		
principal		Double		double

PutLoanProductsProductIdRequest

PutLoanProductsProductIdRequest

Field Name	Required	Type	Description	Format
locale		String		
principal		Double		double

PutLoanProductsProductIdResponse

PutLoanProductsProductIdResponse

Field Name	Required	Type	Description	Format
changes		PutLoanChanges		
resourceId		Integer		int32

PutLoansLoanIdChanges

Field Name	Required	Type	Description	Format
locale		String		
principal		Long		int64

PutLoansLoanIdChargesChargeIdRequest

PutLoansLoanIdChargesChargeIdRequest

Field Name	Required	Type	Description	Format
amount		Float		float

Field Name	Required	Type	Description	Format
dateFormat		String		
dueDate		String		
locale		String		

PutLoansLoanIdChargesChargeIdResponse

PutLoansLoanIdChargesChargeIdResponse

Field Name	Required	Type	Description	Format
changes		PutLoansLoanIdChargesChargeIdRequest		
clientId		Long		int64
loanId		Long		int64
officeId		Long		int64
resourceId		Integer		int32

PutLoansLoanIdCollateralsCollateralIdResponse

PutLoansLoanIdCollateralsCollateralIdResponse

Field Name	Required	Type	Description	Format
changes		PutLoansLoanIdCollateralsCollateralIdRequest		
loanId		Integer		int32
resourceId		Integer		int32

PutLoansLoanIdRequest

PutLoansLoanIdRequest

Field Name	Required	Type	Description	Format
amortizationType		Integer		int32

Field Name	Required	Type	Description	Format
dateFormat		String		
expectedDisbursementDate		String		
fixedPrincipalPercentagePerInstallment		BigDecimal		
interestCalculationPeriodType		Integer		int32
interestRatePerPeriod		Integer		int32
interestType		Integer		int32
loanTermFrequency		Integer		int32
loanTermFrequencyType		Integer		int32
locale		String		
numberOfRepayments		Integer		int32
principal		Long		int64
productId		Integer		int32
repaymentEvery		Integer		int32
repaymentFrequencyType		Integer		int32
transactionProcessingStrategyId		Integer		int32

PutLoansLoanIdResponse

PutLoansLoanIdResponse

Field Name	Required	Type	Description	Format
changes		PutLoansLoanIdChanges		
clientId		Integer		int32

Field Name	Required	Type	Description	Format
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutLoansLoanIdCollateralsCollateralIdRequest

PutLoansLoanIdCollateralsCollateralIdRequest

Field Name	Required	Type	Description	Format
description		String		

PutNotesChanges

Field Name	Required	Type	Description	Format
note		String		

PutOfficesOfficeIdRequest

PutOfficesOfficeIdRequest

Field Name	Required	Type	Description	Format
name		String		

PutOfficesOfficeIdResponse

PutOfficesOfficeIdResponse

Field Name	Required	Type	Description	Format
changes		PutOfficesOfficeIdResponseChanges		
officeId		Long		int64
resourceId		Long		int64

PutOfficesOfficeIdResponseChanges

Field Name	Required	Type	Description	Format
name		String		

PutPasswordPreferencesTemplateRequest

PutPasswordPreferencesTemplateRequest

Field Name	Required	Type	Description	Format
validationPolicyId		Long		int64

PutPaymentTypesPaymentTypeIdRequest

PutPaymentTypesPaymentTypeIdRequest

Field Name	Required	Type	Description	Format
description		String		
isCashPayment		Boolean		
name		String		
position		Integer		int32

PutPaymentTypesPaymentTypeIdResponse

PutPaymentTypesPaymentTypeIdResponse

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

PutPermissionsRequest

PutPermissionsRequest

Field Name	Required	Type	Description	Format
permissions		String		

PutProductsChanges

Field Name	Required	Type	Description	Format
description		String		
locale		String		
unitPrice		Double		double

PutProductsTypeProductIdRequest

PutProductsTypeProductIdRequest

Field Name	Required	Type	Description	Format
description		String		
locale		String		
unitPrice		Double		double

PutProductsTypeProductIdResponse

PutProductsTypeProductIdResponse

Field Name	Required	Type	Description	Format
changes		PutProductsChanges		
resourceId		Integer		int32

PutProvisioningCriteriaRequest

PutProvisioningCriteriaRequest

Field Name	Required	Type	Description	Format
criteriaName		String		
loanProducts		List of LoanProductData		
provisioningcriteria		List of ProvisioningCriteriaDefinitionData		

PutProvisioningCriteriaResponse

PutProvisioningCriteriaResponse

Field Name	Required	Type	Description	Format
changes		PutProvisioningCriteriaResponseChanges		
resourceId		Long		int64

PutProvisioningCriteriaResponseChanges

Field Name	Required	Type	Description	Format
criteriaName		String		

PutProvisioningEntriesRequest

PutProvisioningEntriesRequest

Field Name	Required	Type	Description	Format
command		String		

PutProvisioningEntriesResponse

PutProvisioningEntriesResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PutRecurringDepositAccountsAccountIdRequest

PutRecurringDepositAccountsAccountIdRequest

Field Name	Required	Type	Description	Format
depositAmount		Integer		int32
locale		String		

PutRecurringDepositAccountsAccountIdResponse

PutRecurringDepositAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
changes		PutRecurringDepositAccountsChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PutRecurringDepositAccountsChanges

Field Name	Required	Type	Description	Format
depositAmount		Integer		int32
locale		String		

PutRecurringDepositProductsChanges

Field Name	Required	Type	Description	Format
description		String		
minDepositTerm		Integer		int32

PutRecurringDepositProductsRequest

PutRecurringDepositProductsRequest

Field Name	Required	Type	Description	Format
description		String		
locale		String		
minDepositTerm		Integer		int32
minDepositTermTypeId		Integer		int32

PutRecurringDepositProductsResponse

PutRecurringDepositProductsResponse

Field Name	Required	Type	Description	Format
changes		PutRecurringDepositProductsChanges		
resourceId		Integer		int32

PutReportMailingJobsRequest

PutReportMailingJobsRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
startDateTime		Date		date-time

PutReportMailingJobsResponse

PutReportMailingJobsResponse

Field Name	Required	Type	Description	Format
changes		PutReportMailingJobsResponseChanges		
resourceId		Long		int64

PutReportMailingJobsResponseChanges

Field Name	Required	Type	Description	Format
startDateTime		Date		date-time

PutReportRequest

PutReportRequest

Field Name	Required	Type	Description	Format
reportName		String		
reportParameters		List of [object]		

PutReportResponse

PutReportResponse

Field Name	Required	Type	Description	Format
changes		PutReportResponse Changes		
resourceId		Long		int64

PutReportResponseChanges

Field Name	Required	Type	Description	Format
reportName		String		
reportParameters		List of [object]		

PutResourceTypeResourceIdNotesNoteIdRequest

PutResourceTypeResourceIdNotesNoteIdRequest

Field Name	Required	Type	Description	Format
note		String		

PutResourceTypeResourceIdNotesNoteIdResponse

PutResourceTypeResourceIdNotesNoteIdResponse

Field Name	Required	Type	Description	Format
changes		PutNotesChanges		

Field Name	Required	Type	Description	Format
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutRolesRoleIdPermissionsRequest

PutRolesRoleIdPermissionsRequest

Field Name	Required	Type	Description	Format
permissions		PostRolesRoleIdPermissionsResponsePermissions		

PutRolesRoleIdPermissionsResponse

PutRolesRoleIdPermissionsResponse

Field Name	Required	Type	Description	Format
permissions		PostRolesRoleIdPermissionsResponsePermissions		
resourceId		Long		int64

PutRolesRoleIdRequest

PutRolesRoleIdRequest

Field Name	Required	Type	Description	Format
description		String		

PutRolesRoleIdResponse

PutRolesRoleIdResponse

Field Name	Required	Type	Description	Format
changes		PutRolesRoleIdResponseChanges		
resourceId		Long		int64

PutRolesRoleIdResponseChanges

Field Name	Required	Type	Description	Format
description		String		

PutSavingsAccountsAccountIdRequest

PutSavingsAccountsAccountIdRequest

Field Name	Required	Type	Description	Format
locale		String		
nominalAnnualInterestRate		Double		double

PutSavingsAccountsAccountIdResponse

PutSavingsAccountsAccountIdResponse

Field Name	Required	Type	Description	Format
changes		PutSavingsAccountsChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PutSavingsAccountsChanges

Field Name	Required	Type	Description	Format
locale		String		
nominalAnnualInterestRate		Double		double

PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest

PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdRequest

Field Name	Required	Type	Description	Format
amount		Float		float
dateFormat		String		
dueDate		String		
locale		String		

PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

PutSavingsAccountsSavingsAccountIdChargesSavingsAccountChargeIdResponse

Field Name	Required	Type	Description	Format
changes		PutSavingsChanges		
clientId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32
savingsId		Integer		int32

PutSavingsChanges

Field Name	Required	Type	Description	Format
description		String		
interestRate		Double		double
locale		String		

PutSavingsProductsProductIdRequest

PutSavingsProductsProductIdRequest

Field Name	Required	Type	Description	Format
description		String		
interestRate		Double		double
locale		String		

PutSavingsProductsProductIdResponse

PutSavingsProductsProductIdResponse

Field Name	Required	Type	Description	Format
changes		PutSavingsChanges		
resourceId		Integer		int32

PutSelfBeneficiariesChanges

Field Name	Required	Type	Description	Format
name		String		
transferLimit		Integer		int32

PutSelfBeneficiariesTPTBeneficiaryIdRequest

PutSelfBeneficiariesTPTBeneficiaryIdRequest

Field Name	Required	Type	Description	Format
name		String		
transferLimit		Integer		int32

PutSelfBeneficiariesTPTBeneficiaryIdResponse

PutSelfBeneficiariesTPTBeneficiaryIdResponse

Field Name	Required	Type	Description	Format
changes		PutSelfBeneficiariesChanges		
resourceId		Integer		int32

PutSelfLoansChanges

Field Name	Required	Type	Description	Format
locale		String		
principal		Long		int64

PutSelfLoansLoanIdRequest

PutSelfLoansLoanIdRequest

Field Name	Required	Type	Description	Format
amortizationType		Integer		int32
dateFormat		String		
expectedDisbursementDate		String		
interestCalculationPeriodType		Integer		int32
interestRatePeriod		Integer		int32
interestType		Integer		int32
loanTermFrequency		Integer		int32
loanTermFrequencyType		Integer		int32
locale		String		
numberOfRepayments		Integer		int32
principal		Long		int64
productId		Integer		int32

Field Name	Required	Type	Description	Format
repaymentEvery		Integer		int32
repaymentFrequencyType		Integer		int32
transactionProcessingStrategyId		Integer		int32

PutSelfLoansLoanIdResponse

PutSelfLoansLoanIdResponse

Field Name	Required	Type	Description	Format
changes		PutSelfLoansChanges		
clientId		Integer		int32
loanId		Integer		int32
officeId		Integer		int32
resourceId		Integer		int32

PutSelfUserChanges

Field Name	Required	Type	Description	Format
passwordEncoded		String		

PutSelfUserRequest

PutSelfUserRequest

Field Name	Required	Type	Description	Format
password		String		
repeatPassword		String		

PutSelfUserResponse

PutSelfUserResponse

Field Name	Required	Type	Description	Format
changes		PutSelfUserChanges		
officeId		Integer		int32
resourceId		Integer		int32

PutStaffRequest

PutStaffRequest

Field Name	Required	Type	Description	Format
externalId		String		
isLoanOfficer		Boolean		

PutStandingInstructionsStandingInstructionIdRequest

PutStandingInstructionsStandingInstructionIdRequest

Field Name	Required	Type	Description	Format
recurrenceInterval		Integer		int32

PutStandingInstructionsStandingInstructionIdResponse

PutStandingInstructionsStandingInstructionIdResponse

Field Name	Required	Type	Description	Format
changes		PutUpdateStandingInstructionChanges		
resourceId		Integer		int32

PutTaxesComponentsChanges

Field Name	Required	Type	Description	Format
name		String		
percentage		Float		float

Field Name	Required	Type	Description	Format
startDate		date		date

PutTaxesComponentsTaxComponentIdRequest

PutTaxesComponentsTaxComponentIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
name		String		
percentage		Float		float
startDate		String		

PutTaxesComponentsTaxComponentIdResponse

PutTaxesComponentsTaxComponentIdResponse

Field Name	Required	Type	Description	Format
changes		PutTaxesComponentsChanges		
resourceId		Integer		int32

PutTaxesGroupChanges

Field Name	Required	Type	Description	Format
addComponents		List of [integer]		int32
modifiedComponents		Set of PutTaxesGroupModifiedComponents		
name		String		

PutTaxesGroupModifiedComponents

Field Name	Required	Type	Description	Format
endDate		String		
taxComponentId		Integer		int32

PutTaxesGroupTaxComponents

Field Name	Required	Type	Description	Format
endDate		String		
id		Integer		int32
taxComponentId		Integer		int32

PutTaxesGroupTaxGroupIdRequest

PutTaxesGroupTaxGroupIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
locale		String		
name		String		
taxComponents		Set of <i>PutTaxesGroupTaxComponents</i>		

PutTaxesGroupTaxGroupIdResponse

PutTaxesGroupTaxGroupIdResponse

Field Name	Required	Type	Description	Format
changes		PutTaxesGroupChanges		
resourceId		Integer		int32

PutTellersRequest

PutTellersRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
endDate		date		date
locale		String		
name		String		
officeId		Long		int64
startDate		date		date
status		String		Enum: INVALID, PENDING, ACTIVE, INACTIVE, CLOSED,

PutTellersResponse

PutTellersResponse

Field Name	Required	Type	Description	Format
changes		PutTellersResponse Changes		
officeId		Long		int64
resourceId		Long		int64

PutTellersResponseChanges

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
endDate		date		date
locale		String		
startDate		date		date

PutTellersTellerIdCashiersCashierIdRequest

PutTellersTellerIdCashiersCashierIdRequest

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
endDate		date		date
isFullDay		Boolean		
locale		String		
staffId		Long		int64
startDate		date		date

PutTellersTellerIdCashiersCashierIdResponse

PutTellersTellerIdCashiersCashierIdResponse

Field Name	Required	Type	Description	Format
changes		PutTellersTellerIdCashiersCashierIdResponseChanges		
resourceId		Long		int64
subResourceId		Long		int64

PutTellersTellerIdCashiersCashierIdResponseChanges

Field Name	Required	Type	Description	Format
dateFormat		String		
description		String		
endDate		date		date
locale		String		

PutTemplatesTemplateIdRequest

PutTemplatesTemplateIdRequest

Field Name	Required	Type	Description	Format
entity		Long		int64
id		Long		int64
mappers		List of <i>TemplateMapper</i>		
name		String		
text		String		
type		Long		int64

PutTemplatesTemplateIdResponse

PutTemplatesTemplateIdResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

PutUpdateStandingInstructionChanges

Field Name	Required	Type	Description	Format
recurrenceInterval		Integer		int32

PutUsersUserIdRequest

PutUsersUserIdRequest

Field Name	Required	Type	Description	Format
firstname		String		
password		String		
repeatPassword		String		

PutUsersUserIdResponse

PutUsersUserIdResponse

Field Name	Required	Type	Description	Format
changes		PutUsersUserIdResponseChanges		
officeId		Long		int64
resourceId		Long		int64

PutUsersUserIdResponseChanges

Field Name	Required	Type	Description	Format
firstname		String		
passwordEncoded		String		

PutWorkingDaysRequest

PutWorkingDaysRequest

Field Name	Required	Type	Description	Format
extendTermForDailyRepayments		Boolean		
locale		String		
recurrence		String		
repaymentRescheduleType		EnumOptionData		

PutWorkingDaysResponse

PutWorkingDaysResponse

Field Name	Required	Type	Description	Format
resourceId		Long		int64

Question

Field Name	Required	Type	Description	Format
componentKey		String		
description		String		
id		Long		int64
key		String		
new		Boolean		
responses		List of Response		
sequenceNo		Integer		int32
survey		Survey		
text		String		

QuestionData

Field Name	Required	Type	Description	Format
componentKey		String		
description		String		
id		Long		int64
key		String		
responseDatas		List of ResponseData		
sequenceNo		Integer		int32
text		String		

Rate

Field Name	Required	Type	Description	Format
active		Boolean		
approveUser		AppUser		
createdBy		Long		int64
createdDate		Date		date-time
id		Long		int64

Field Name	Required	Type	Description	Format
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
name		String		
new		Boolean		
percentage		BigDecimal		
productApply		Integer		int32

RateData

Field Name	Required	Type	Description	Format
active		Boolean		
id		Long		int64
name		String		
percentage		BigDecimal		
productApply		EnumOptionData		

ReportMailingJobRunHistoryData

Field Name	Required	Type	Description	Format
endTime		Date		date-time
errorLog		String		
errorMessage		String		
id		Long		int64
reportMailingJobId		Long		int64
startTime		Date		date-time
status		String		

Response

Field Name	Required	Type	Description	Format
id		Long		int64
new		Boolean		
question		Question		
sequenceNo		Integer		int32
text		String		
value		Integer		int32

ResponseData

Field Name	Required	Type	Description	Format
id		Long		int64
sequenceNo		Integer		int32
text		String		
value		Integer		int32

ResultSetColumnHeaderData

Field Name	Required	Type	Description	Format
booleanDisplayType		Boolean		
codeLookupDisplayType		Boolean		
codeValueDisplayType		Boolean		
columnCode		String		
columnDisplayType		String		
columnLength		Long		int64
columnName		String		
columnType		String		
columnValues		List of [object]		
dateDisplayType		Boolean		

Field Name	Required	Type	Description	Format
dateTimeDisplayType		Boolean		
decimalDisplayType		Boolean		
integerDisplayType		Boolean		
isColumnNullable		Boolean		
isColumnPrimaryKey		Boolean		
mandatory		Boolean		
optional		Boolean		
string		Boolean		

ResultSetRowData

Field Name	Required	Type	Description	Format
row		List of [string]		

RetrieveOneResponse

GetStaffResponse

Field Name	Required	Type	Description	Format
displayName		String		
externalId		String		
firstname		String		
id		Long		int64
isActive		Boolean		
isLoanOfficer		Boolean		
joiningDate		date		date
lastname		String		
officeId		Long		int64
officeName		String		

Role

Field Name	Required	Type	Description	Format
disabled		Boolean		
enabled		Boolean		
id		Long		int64
name		String		
new		Boolean		
permissions		List of Permission		

RoleData

Field Name	Required	Type	Description	Format
id		Long		int64
name		String		

RunReportsResponse

Field Name	Required	Type	Description	Format
columnHeaders		List of ResultSetColumnHeaderData		
data		List of ResultSetRowData		

SavingsProductData

Field Name	Required	Type	Description	Format
accrualBasedAccountingEnabled		Boolean		
allowOverdraft		Boolean		
cashBasedAccountingEnabled		Boolean		
currency		CurrencyData		

Field Name	Required	Type	Description	Format
depositAccountType		String		
id		Long		int64
interestCalculationDaysInYearType		EnumOptionData		
interestCalculationType		EnumOptionData		
interestCompoundingPeriodType		EnumOptionData		
interestPostingPeriodType		EnumOptionData		
lockinPeriodFrequency		Integer		int32
lockinPeriodFrequencyType		EnumOptionData		
maxAllowedLienLimit		BigDecimal		
minRequiredBalance		BigDecimal		
minRequiredOpeningBalance		BigDecimal		
name		String		
nominalAnnualInterestRate		BigDecimal		
overdraftLimit		BigDecimal		
periodicAccrualAccounting		Boolean		
upfrontAccrualAccounting		Boolean		
withdrawalFeeForTransfers		Boolean		

Scorecard

Field Name	Required	Type	Description	Format
appUser		AppUser		
client		Client		
createdOn		Date		date-time
id		Long		int64
new		Boolean		
question		Question		
response		Response		
survey		Survey		
value		Integer		int32

ScorecardData

Field Name	Required	Type	Description	Format
clientId		Long		int64
id		Long		int64
scorecardValues		List of ScorecardValue		
surveyId		Long		int64
surveyName		String		
userId		Long		int64
username		String		

ScorecardValue

Field Name	Required	Type	Description	Format
createdOn		Date		date-time
questionId		Long		int64
responseId		Long		int64
value		Integer		int32

SingleDebitOrCreditEntryCommand

Field Name	Required	Type	Description	Format
amount		BigDecimal		
comments		String		
commentsChanged		Boolean		
glAccountId		Long		int64
glAccountIdChanged		Boolean		
glAmountChanged		Boolean		
parametersPassedInRequest		Set of [string]		

SmsCampaignData

Field Name	Required	Type	Description	Format
campaignName		String		
campaignStatus		EnumOptionData		
campaignType		EnumOptionData		
id		Long		int64
lastTriggerDate		date		date
message		String		
nextTriggerDate		Date		date-time
notification		Boolean		
paramValue		String		
recurrence		String		
recurrenceStartDate		Date		date-time
reportName		String		
runReportId		Long		int64

Staff

Field Name	Required	Type	Description	Format
active		Boolean		
id		Long		int64
image		Image		
loanOfficer		Boolean		
new		Boolean		
notActive		Boolean		
notLoanOfficer		Boolean		

StaffData

Field Name	Required	Type	Description	Format
displayName		String		
firstname		String		
id		Long		int64
joiningDate		date		date
lastname		String		
officeId		Long		int64
officeName		String		
rowIndex		Integer		int32

SubjectName

Field Name	Required	Type	Description	Format
displayName		String		
firstName		String		
lastName		String		
middleName		String		

Survey

Field Name	Required	Type	Description	Format
components		List of Component		
countryCode		String		
description		String		
id		Long		int64
key		String		
name		String		
new		Boolean		
questions		List of Question		
validFrom		date		date
validTo		date		date

SurveyData

Field Name	Required	Type	Description	Format
componentDatas		List of ComponentData		
countryCode		String		
description		String		
id		Long		int64
key		String		
name		String		
questionDatas		List of QuestionData		
validFrom		date		date
validTo		date		date

TaxComponent

Field Name	Required	Type	Description	Format
createdBy		Long		int64

Field Name	Required	Type	Description	Format
createdDate		Date		date-time
creditAccountType		Integer		int32
creditAccount		GLAccount		
debitAccountType		Integer		int32
debitAccount		GLAccount		
id		Long		int64
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
new		Boolean		
percentage		BigDecimal		
taxComponentHistories		Set of <i>TaxComponentHistory</i>		
taxGroupMappings		Set of <i>TaxGroupMappings</i>		

TaxComponentHistory

Field Name	Required	Type	Description	Format
createdBy		Long		int64
createdDate		Date		date-time
id		Long		int64
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
new		Boolean		
percentage		BigDecimal		

TaxGroup

Field Name	Required	Type	Description	Format
createdBy		Long		int64
createdDate		Date		date-time
id		Long		int64
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
name		String		
new		Boolean		
taxGroupMappings		Set of TaxGroupMappings		

TaxGroupMappings

Field Name	Required	Type	Description	Format
createdBy		Long		int64
createdDate		Date		date-time
endDate		date		date
id		Long		int64
lastModifiedBy		Long		int64
lastModifiedDate		Date		date-time
new		Boolean		
taxComponent		TaxComponent		
taxGroup		TaxGroup		

TemplateMapper

Field Name	Required	Type	Description	Format
id		Long		int64

Field Name	Required	Type	Description	Format
mapperkey		String		
mapperorder		Integer		int32
mappervalue		String		
new		Boolean		

UpdateChangesResponse

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amount		BigDecimal		
bankName		String		
date		date		date

UpdatePostDatedCheckRequest

UpdatePostDatedCheckRequest

Field Name	Required	Type	Description	Format
accountNo		Long		int64
amount		BigDecimal		
date		date		date
dateFormat		String		
locale		String		
name		String		
repaymentDate		date		date

UpdatePostDatedCheckResponse

UpdatePostDatedCheckResponse

Field Name	Required	Type	Description	Format
changes		UpdateChangesResponse		

Field Name	Required	Type	Description	Format
resourceId		Integer		int32

UpdateStaffResponse

PutStaffResponse

Field Name	Required	Type	Description	Format
officeId		Long		int64
resourceId		Long		int64

Frequently Asked Questions

TBD

Glossary

TBD

Index

Appendix A: Fineract Application Properties

TBD

Tenant Database Properties

Table 727. Tenant Database Properties

Name	Env Variable	Default Value	Description
fineract.tenant.host	FINERACT_DEFAULT_TENANTDB_HOSTNAME	localhost	TBD
fineract.tenant.port	FINERACT_DEFAULT_TENANTDB_PORT	3306	TBD
fineract.tenant.username	FINERACT_DEFAULT_TENANTDB_UID	root	TBD
fineract.tenant.password	FINERACT_DEFAULT_TENANTDB_PWD	mysql	TBD
fineract.tenant.parameters	FINERACT_DEFAULT_TENANTDB_CONN_PARAMETERS		TBD
fineract.tenant.timezone	FINERACT_DEFAULT_TENANTDB_TIMEZONE	Asia/Kolkata	TBD
fineract.tenant.identifier	FINERACT_DEFAULT_TENANTDB_IDENTIFIER	default	TBD
fineract.tenant.name	FINERACT_DEFAULT_TENANTDB_NAME	fineract_default	TBD
fineract.tenant.description	FINERACT_DEFAULT_TENANTDB_DESCRIPTION	Default Demo Tenant	TBD

Hikari Connection Pool Properties

Table 728. Hikari Connection Pool Properties

Name	Env Variable	Default Value	Description
spring.datasource.hikari.driverClassName	FINERACT_HIKARI_DRIVER_SOURCE_CLASS_NAME	org.mariadb.jdbc.Driver	TBD
spring.datasource.hikari.jdbcUrl	FINERACT_HIKARI_JDBC_URL	jdbc:mariadb://localhost:3306/fineract_tenants	TBD

Name	Env Variable	Default Value	Description
spring.datasource.hikari.username	FINERACT_HIKARI_USERNAME	root	TBD
spring.datasource.hikari.password	FINERACT_HIKARI_PASSWORD	mysql	TBD
spring.datasource.hikari.minimumIdle	FINERACT_HIKARI_MINIMUM_IDLE	3	TBD
spring.datasource.hikari.maximumPoolSize	FINERACT_HIKARI_MAXIMUM_POOL_SIZE	10	TBD
spring.datasource.hikari.idleTimeout	FINERACT_HIKARI_IDLE_TIMEOUT	60000	TBD
spring.datasource.hikari.connectionTimeout	FINERACT_HIKARI_CONNECTION_TIMEOUT	20000	TBD
spring.datasource.hikari.connectionTestquery	FINERACT_HIKARI_TEST_QUERY	SELECT 1	TBD
spring.datasource.hikari.autoCommit	FINERACT_HIKARI_AUTO_COMMIT	true	TBD
spring.datasource.hikari.dataSourceProperties['cachePrepStmts']	FINERACT_HIKARI_DS_PROPERTIES_CACHE_PREP_STMTS	true	TBD
spring.datasource.hikari.dataSourceProperties['prepStmtCacheSize']	FINERACT_HIKARI_DS_PROPERTIES_PREP_STMT_CACHE_SIZE	250	TBD
spring.datasource.hikari.dataSourceProperties['prepStmtCacheSqlLimit']	FINERACT_HIKARI_DS_PROPERTIES_PREP_STMT_CACHE_SQL_LIMIT	2048	TBD
spring.datasource.hikari.dataSourceProperties['useServerPrepStmts']	FINERACT_HIKARI_DS_PROPERTIES_USE_SERVER_PREP_STMTS	true	TBD
spring.datasource.hikari.dataSourceProperties['useLocalSessionState']	FINERACT_HIKARI_DS_PROPERTIES_USE_LOCAL_SESSION_STATE	true	TBD
spring.datasource.hikari.dataSourceProperties['rewriteBatchedStatements']	FINERACT_HIKARI_DS_PROPERTIES_REWRITE_BATCHED_STATEMENTS	true	TBD

Name	Env Variable	Default Value	Description
spring.datasource.hikari.dataSourceProperties['cacheResultSetMetadata']	FINERACT_HIKARI_DS_PROPERTIES_CACHE_RESULT_SET_METADATA	true	TBD
spring.datasource.hikari.dataSourceProperties['cacheServerConfiguration']	FINERACT_HIKARI_DS_PROPERTIES_CACHE_SERVER_CONFIGURATION	true	TBD
spring.datasource.hikari.dataSourceProperties['elideSetAutoCommits']	FINERACT_HIKARI_DS_PROPERTIES_ELIDE_SET_AUTO_COMMITS	true	TBD
spring.datasource.hikari.dataSourceProperties['maintainTimeStats']	FINERACT_HIKARI_DS_PROPERTIES_MAINTAIN_TIME_STATS	false	TBD
spring.datasource.hikari.dataSourceProperties['logSlowQueries']	FINERACT_HIKARI_DS_PROPERTIES_LOG_SLOW_QUERIES	true	TBD
spring.datasource.hikari.dataSourceProperties['dumpQueriesOnException']	FINERACT_HIKARI_DS_PROPERTIES_DUMP_QUERIES_IN_EXCEPTION	true	TBD

SSL Properties

Table 729. SSL Properties

Name	Env Variable	Default Value	Description
server.ssl.enabled	FINERACT_SERVER_SSL_ENABLED	true	TBD
server.ssl.protocol	FINERACT_SERVER_SSL_PROTOCOL	TLS	TBD
server.ssl.ciphers	FINERACT_SERVER_SSL_CIPHERS	TLS_RSA_WITH_AES_128_CBC_SHA256	TBD
server.ssl.enabled-protocols	FINERACT_SERVER_SSL_PROTOCOLS	TLSv1.2	TBD
server.ssl.key-store	FINERACT_SERVER_SSL_KEY_STORE	classpath:keystore.jks	TBD
server.ssl.key-store-password	FINERACT_SERVER_SSL_KEY_STORE_PASSWORD	openmf	TBD

Authentication Properties

Table 730. Authentication Properties

Name	Env Variable	Default Value	Description
fineract.security.basicauth.enabled	FINERACT_SECURITY_BASICAUTH_ENABLED	true	TBD
fineract.security.oauth.enabled	FINERACT_SECURITY_OAUTH_ENABLED	false	TBD
fineract.security.2fa.enabled	FINERACT_SECURITY_2FA_ENABLED	false	TBD

Tomcat Properties

Table 731. Tomcat Properties

Name	Env Variable	Default Value	Description
server.tomcat.accept-count	FINERACT_SERVER_TOMCAT_ACCEPT_COUNT	100	TBD
server.tomcat.accesslog.enabled	FINERACT_SERVER_TOMCAT_ACCESSLOG_ENABLED	false	TBD
server.tomcat.max-connections	FINERACT_SERVER_TOMCAT_MAX_CONNECTIONS	8192	TBD
server.tomcat.max-http-form-post-size	FINERACT_SERVER_TOMCAT_MAX_HTTP_FORM_POST_SIZE	2MB	TBD
server.tomcat.max-keep-alive-requests	FINERACT_SERVER_TOMCAT_MAX_KEEP_ALIVE_REQUESTS	100	TBD
server.tomcat.threads.max	FINERACT_SERVER_TOMCAT_THREADS_MAX	200	TBD
server.tomcat.threads.min-spare	FINERACT_SERVER_TOMCAT_THREADS_MIN_SPARE	10	TBD

Appendix B: Third Party Software

TBD