

# 1 Font definition files for the LH family of Cyrillic fonts

A lot of mostly duplicated code (for different encodings) will probably be removed when an extension to docstrip will be available.

```
1 \X2cmdh\ProvidesFile{x2cmdh.fd}
2 \X2cmfib\ProvidesFile{x2cmfib.fd}
3 \X2cmfr\ProvidesFile{x2cmfr.fd}
4 \X2cmr\ProvidesFile{x2cmr.fd}
5 \X2cmss\ProvidesFile{x2cmss.fd}
6 \X2cmtt\ProvidesFile{x2cmtt.fd}
7 \X2cmvtt\ProvidesFile{x2cmvtt.fd}
8 \lcmss & X2\ProvidesFile{x2lcmss.fd}
9 \lcmmt & X2\ProvidesFile{x2lcmtt.fd}
10 \X2cmbr\ProvidesFile{x2cmbr.fd}
11 \X2cmtl\ProvidesFile{x2cmtl.fd}
12 \X2ccr\ProvidesFile{x2ccr.fd}
13 \T2Acmdh\ProvidesFile{t2acmdh.fd}
14 \T2Acmfib\ProvidesFile{t2acmfib.fd}
15 \T2Acmfr\ProvidesFile{t2acmfr.fd}
16 \T2Acmr\ProvidesFile{t2acmr.fd}
17 \T2Acms\ProvidesFile{t2acms.fd}
18 \T2Acmtt\ProvidesFile{t2acmtt.fd}
19 \T2Acmvtt\ProvidesFile{t2acmvtt.fd}
20 \lcmss & T2A\ProvidesFile{t2alcms.fd}
21 \lcmmt & T2A\ProvidesFile{t2alcmtt.fd}
22 \T2Acnbr\ProvidesFile{t2acnbr.fd}
23 \T2Acmtl\ProvidesFile{t2acmtl.fd}
24 \T2Accr\ProvidesFile{t2accr.fd}
25 \T2Bcmdh\ProvidesFile{t2bcmdh.fd}
26 \T2Bcmfib\ProvidesFile{t2bcmfib.fd}
27 \T2Bcmfr\ProvidesFile{t2bcmfr.fd}
28 \T2Bcmr\ProvidesFile{t2bcmr.fd}
29 \T2Bcms\ProvidesFile{t2bms.fd}
30 \T2Bcmtt\ProvidesFile{t2bcmtt.fd}
31 \T2Bcmvtt\ProvidesFile{t2bcmvtt.fd}
32 \lcmss & T2B\ProvidesFile{t2blcms.fd}
33 \lcmmt & T2B\ProvidesFile{t2blcmtt.fd}
34 \T2Bcnbr\ProvidesFile{t2bcnbr.fd}
35 \T2Bcmtl\ProvidesFile{t2bcmtl.fd}
36 \T2Bccr\ProvidesFile{t2bccr.fd}
37 \T2Ccmdh\ProvidesFile{t2ccmdh.fd}
38 \T2Ccmfib\ProvidesFile{t2ccmfib.fd}
39 \T2Ccmfr\ProvidesFile{t2ccmfr.fd}
40 \T2Ccmr\ProvidesFile{t2ccmr.fd}
41 \T2Ccms\ProvidesFile{t2ccms.fd}
42 \T2Ccmtt\ProvidesFile{t2ccmtt.fd}
43 \T2Ccmvtt\ProvidesFile{t2ccmvtt.fd}
44 \lcmss & T2C\ProvidesFile{t2clcms.fd}
45 \lcmmt & T2C\ProvidesFile{t2clcmtt.fd}
46 \T2Ccnbr\ProvidesFile{t2ccnbr.fd}
47 \T2Ccmtl\ProvidesFile{t2ccmtl.fd}
48 \T2Cccr\ProvidesFile{t2cccr.fd}
49 [2001/08/11 v1.0a Computer Modern Cyrillic font definitions]
```

The following definitions will be removed when this file will be merged with `cmfonts.fdd`.

```
50 \*!lcmss&!lcmmt)
51 \*!tt)
52 \providecommand{EC@family}[5]{%
53   \DeclareFontShape{#1}{#2}{#3}{#4}%
54   {<5><6><7><8><9><10><10.95><12><14.4>}}
```

```

55 <17.28><20.74><24.88><29.86><35.83>genb*#5}{}}
56 </!tt>
57 <*tt>
58 \providecommand{\EC@ttfamily}[5]{%
59 \DeclareFontShape{#1}{#2}{#3}{#4}%
60 {<5><6><7><8>#50800%
61 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86>%
62 <35.83>genb*#5}{}}
63 </tt>
64 </!lcmss&!lcmtt>

LH fonts for X2 encoding.

65 <*X2cmdh>
66 % Cyrillic Dunhill
67 \DeclareFontFamily{X2}{cmdh}{ }
68 \EC@family{X2}{cmdh}{m}{n}{rxdh}
69 </X2cmdh>
70 %
71 <*X2cmfib>
72 \DeclareFontFamily{X2}{cmfib}{ }
73 \EC@family{X2}{cmfib}{m}{n}{rxfb}
74 \EC@family{X2}{cmfib}{m}{sl}{rxfs}
75 </X2cmfib>
76 %
77 <*X2cmfr>
78 \DeclareFontFamily{X2}{cmfr}{ }
79 \EC@family{X2}{cmfr}{m}{n}{rxff}
80 \EC@family{X2}{cmfr}{m}{it}{rxfi}
81 </X2cmfr>
82 %
83 <*X2cmr>
84 % Cyrillic Roman
85 \DeclareFontFamily{X2}{cmr}{ }
86 %
87 \EC@family{X2}{cmr}{m}{n}{rxrm}
88 \EC@family{X2}{cmr}{m}{sl}{rxsl}
89 \EC@family{X2}{cmr}{m}{it}{rxti}
90 \EC@family{X2}{cmr}{m}{sc}{rxcc}
91 \EC@family{X2}{cmr}{bx}{n}{rxbx}
92 \EC@family{X2}{cmr}{b}{n}{rxrb}
93 \EC@family{X2}{cmr}{bx}{it}{rxbi}
94 \EC@family{X2}{cmr}{bx}{sl}{rxbl}
95 \EC@family{X2}{cmr}{bx}{sc}{rxxc}
96 \EC@family{X2}{cmr}{m}{ui}{rxui}
97 </X2cmr>
98 %
99 <*X2cmss>
100 % Cyrillic Sans Serif
101 \DeclareFontFamily{X2}{cmss}{ }
102 %
103 \EC@family{X2}{cmss}{m}{n}{rxss}
104 \EC@family{X2}{cmss}{m}{sl}{rxsi}
105 \EC@family{X2}{cmss}{m}{it}{rxsi}
106 \EC@family{X2}{cmss}{bx}{n}{rxsx}
107 \EC@family{X2}{cmss}{bx}{it}{rxso}
108 \EC@family{X2}{cmss}{bx}{sl}{rxso}
109 %
110 \DeclareFontShape{X2}{cmss}{m}{sc}{<->sub*cmr/m/sc}{ }
111 % semibold condensed series:
112 \DeclareFontShape{X2}{cmss}{sbc}{n}{%
113 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>rxssdc10%
114 }{ }
115 </X2cmss>

```

```

116 %
117 <*X2cmtt>
118 % Cyrillic Typewriter
119 \DeclareFontFamily{X2}{cmtt}{\hyphenchar\font\m@ne}
120 %
121 \EC@ttfamily{X2}{cmtt}{m}{n}{rxxt}
122 \EC@ttfamily{X2}{cmtt}{m}{sl}{rxst}
123 \EC@ttfamily{X2}{cmtt}{m}{it}{rxit}
124 \EC@ttfamily{X2}{cmtt}{m}{sc}{rxtc}
125 %
126 \DeclareFontShape{X2}{cmtt}{bx}{n}%
127 <!nowarn> {<->sub*cmtt/m/n}{f}
128 <nowarn> {<->ssub*cmtt/m/n}{f}
129 \DeclareFontShape{X2}{cmtt}{bx}{it}%
130 <!nowarn> {<->sub*cmtt/m/it}{f}
131 <nowarn> {<->ssub*cmtt/m/it}{f}
132 </X2cmtt>
133 %
134 <*X2cmvtt>
135 % Cyrillic Variable Typewriter
136 \DeclareFontFamily{X2}{cmvtt}{f}
137 %
138 \EC@ttfamily{X2}{cmvtt}{m}{n}{rxvt}
139 \EC@ttfamily{X2}{cmvtt}{m}{it}{rxvi}
140 </X2cmvtt>

```

LH fonts for T2A encoding.

```

141 <*T2Acmdh>
142 % Cyrillic Dunhill
143 \DeclareFontFamily{T2A}{cmdh}{f}
144 \EC@family{T2A}{cmdh}{m}{n}{ladh}
145 </T2Acmdh>
146 %
147 <*T2Acmfib>
148 \DeclareFontFamily{T2A}{cmfib}{f}
149 \EC@family{T2A}{cmfib}{m}{n}{lafb}
150 \EC@family{T2A}{cmfib}{m}{sl}{lafsb}
151 </T2Acmfib>
152 %
153 <*T2Acmfr>
154 \DeclareFontFamily{T2A}{cmfr}{f}
155 \EC@family{T2A}{cmfr}{m}{n}{laff}
156 \EC@family{T2A}{cmfr}{m}{it}{lafi}
157 </T2Acmfr>
158 %
159 <*T2Acmr>
160 % Cyrillic Roman
161 \DeclareFontFamily{T2A}{cmr}{f}
162 %
163 \EC@family{T2A}{cmr}{m}{n}{larm}
164 \EC@family{T2A}{cmr}{m}{sl}{lasl}
165 \EC@family{T2A}{cmr}{m}{it}{lati}
166 \EC@family{T2A}{cmr}{m}{sc}{lacc}
167 \EC@family{T2A}{cmr}{bx}{n}{labx}
168 \EC@family{T2A}{cmr}{b}{n}{larb}
169 \EC@family{T2A}{cmr}{bx}{it}{labi}
170 \EC@family{T2A}{cmr}{bx}{sl}{labl}
171 \EC@family{T2A}{cmr}{bx}{sc}{laxc}
172 \EC@family{T2A}{cmr}{m}{ui}{laui}
173 </T2Acmr>
174 %
175 <*T2Acms>
176 % Cyrillic Sans Serif

```

```

177 \DeclareFontFamily{T2A}{cmss}{ }
178 %
179 \EC@family{T2A}{cmss}{m}{n}{lass}
180 \EC@family{T2A}{cmss}{m}{sl}{lasi}
181 \EC@family{T2A}{cmss}{m}{it}{lasi}
182 \EC@family{T2A}{cmss}{bx}{n}{lasx}
183 \EC@family{T2A}{cmss}{bx}{it}{laso}
184 \EC@family{T2A}{cmss}{bx}{sl}{laso}
185 %
186 \DeclareFontShape{T2A}{cmss}{m}{sc}{<->sub*cmr/m/sc}{ }
187 % semibold condensed series:
188 \DeclareFontShape{T2A}{cmss}{sbc}{n}{%
189 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lassdc10%
190 }{ }
191 </T2Acmss>
192 %
193 <*T2Acmst>
194 % Cyrillic Typewriter
195 \DeclareFontFamily{T2A}{cmst}{\hyphenchar\font\m@ne}
196 %
197 \EC@ttfamily{T2A}{cmst}{m}{n}{latt}
198 \EC@ttfamily{T2A}{cmst}{m}{sl}{last}
199 \EC@ttfamily{T2A}{cmst}{m}{it}{lait}
200 \EC@ttfamily{T2A}{cmst}{m}{sc}{latc}
201 %
202 \DeclareFontShape{T2A}{cmst}{bx}{n}{%
203 <!nowarn> {<->sub*cmst/m/n}{ }
204 <nowarn> {<->ssub*cmst/m/n}{ }
205 \DeclareFontShape{T2A}{cmst}{bx}{it}{%
206 <!nowarn> {<->sub*cmst/m/it}{ }
207 <nowarn> {<->ssub*cmst/m/it}{ }
208 </T2Acmst>
209 %
210 <*T2Acmvt>
211 % Cyrillic Variable Typewriter
212 \DeclareFontFamily{T2A}{cmvt}{ }
213 %
214 \EC@ttfamily{T2A}{cmvt}{m}{n}{lvt}
215 \EC@ttfamily{T2A}{cmvt}{m}{it}{lvi}
216 </T2Acmvt>

```

LH fonts for T2B encoding.

```

217 <*T2Bcmdh>
218 % Cyrillic Dunhill
219 \DeclareFontFamily{T2B}{cmdh}{ }
220 \EC@family{T2B}{cmdh}{m}{n}{lbh}
221 </T2Bcmdh>
222 %
223 <*T2Bcmfib>
224 \DeclareFontFamily{T2B}{cmfib}{ }
225 \EC@family{T2B}{cmfib}{m}{n}{lbfb}
226 \EC@family{T2B}{cmfib}{m}{sl}{lbfs}
227 </T2Bcmfib>
228 %
229 <*T2Bcmfr>
230 \DeclareFontFamily{T2B}{cmfr}{ }
231 \EC@family{T2B}{cmfr}{m}{n}{lbff}
232 \EC@family{T2B}{cmfr}{m}{it}{lbfi}
233 </T2Bcmfr>
234 %
235 <*T2Bcmr>
236 % Cyrillic Roman
237 \DeclareFontFamily{T2B}{cmr}{ }

```

```

238 %
239 \EC@family{T2B}{cmr}{m}{n}{lbrm}
240 \EC@family{T2B}{cmr}{m}{sl}{lbsl}
241 \EC@family{T2B}{cmr}{m}{it}{lbtI}
242 \EC@family{T2B}{cmr}{m}{sc}{lbcc}
243 \EC@family{T2B}{cmr}{bx}{n}{lbbx}
244 \EC@family{T2B}{cmr}{b}{n}{lbrb}
245 \EC@family{T2B}{cmr}{bx}{it}{lbbi}
246 \EC@family{T2B}{cmr}{bx}{sl}{lbb1}
247 \EC@family{T2B}{cmr}{bx}{sc}{lbxc}
248 \EC@family{T2B}{cmr}{m}{ui}{lbui}
249 \T2Bcmr}
250 %
251 \*T2Bcmss}
252 % Cyrillic Sans Serif
253 \DeclareFontFamily{T2B}{cmss}{}
254 %
255 \EC@family{T2B}{cmss}{m}{n}{lbss}
256 \EC@family{T2B}{cmss}{m}{sl}{lbsi}
257 \EC@family{T2B}{cmss}{m}{it}{lbsi}
258 \EC@family{T2B}{cmss}{bx}{n}{lbsx}
259 \EC@family{T2B}{cmss}{bx}{it}{lbso}
260 \EC@family{T2B}{cmss}{bx}{sl}{lbso}
261 %
262 \DeclareFontShape{T2B}{cmss}{m}{sc}{<->sub*cmr/m/sc}{}
263 % semibold condensed series:
264 \DeclareFontShape{T2B}{cmss}{sbc}{n}{%
265     <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lbssdc10%
266 }{}
267 \T2Bcmss}
268 %
269 \*T2Bcmtt}
270 % Cyrillic Typewriter
271 \DeclareFontFamily{T2B}{cmtt}{\hyphenchar\font\m@ne}
272 %
273 \EC@ttfamily{T2B}{cmtt}{m}{n}{lbtt}
274 \EC@ttfamily{T2B}{cmtt}{m}{sl}{lbst}
275 \EC@ttfamily{T2B}{cmtt}{m}{it}{lbit}
276 \EC@ttfamily{T2B}{cmtt}{m}{sc}{lbtc}
277 %
278 \DeclareFontShape{T2B}{cmtt}{bx}{n}%
279 \!nowarn {<->sub*cmtt/m/n}{}
280 \!nowarn {<->ssub*cmtt/m/n}{}
281 \DeclareFontShape{T2B}{cmtt}{bx}{it}%
282 \!nowarn {<->sub*cmtt/m/it}{}
283 \!nowarn {<->ssub*cmtt/m/it}{}
284 \T2Bcmtt}
285 %
286 \*T2Bcmvtt}
287 % Cyrillic Variable Typewriter
288 \DeclareFontFamily{T2B}{cmvtt}{}
289 %
290 \EC@ttfamily{T2B}{cmvtt}{m}{n}{lbvt}
291 \EC@ttfamily{T2B}{cmvtt}{m}{it}{lbvi}
292 \T2Bcmvtt}

LH fonts for T2C encoding.
293 \*T2Ccmdh}
294 % Cyrillic Dunhill
295 \DeclareFontFamily{T2C}{cmdh}{}
296 \EC@family{T2C}{cmdh}{m}{n}{lcdh}
297 \T2Ccmdh}
298 %

```

```

299 <*T2Ccmfib>
300 \DeclareFontFamily{T2C}{cmfib}{ }
301 \EC@family{T2C}{cmfib}{m}{n}{lcfb}
302 \EC@family{T2C}{cmfib}{m}{sl}{lcfs}
303 </T2Ccmfib>
304 %
305 <*T2Ccmfr>
306 \DeclareFontFamily{T2C}{cmfr}{ }
307 \EC@family{T2C}{cmfr}{m}{n}{lcff}
308 \EC@family{T2C}{cmfr}{m}{it}{lcfi}
309 </T2Ccmfr>
310 %
311 <*T2Ccmr>
312 % Cyrillic Roman
313 \DeclareFontFamily{T2C}{cmr}{ }
314 %
315 \EC@family{T2C}{cmr}{m}{n}{lcrm}
316 \EC@family{T2C}{cmr}{m}{sl}{lcsl}
317 \EC@family{T2C}{cmr}{m}{it}{lcti}
318 \EC@family{T2C}{cmr}{m}{sc}{lccc}
319 \EC@family{T2C}{cmr}{bx}{n}{lcbx}
320 \EC@family{T2C}{cmr}{b}{n}{lcrb}
321 \EC@family{T2C}{cmr}{bx}{it}{lcbi}
322 \EC@family{T2C}{cmr}{bx}{sl}{lcbll}
323 \EC@family{T2C}{cmr}{bx}{sc}{lccx}
324 \EC@family{T2C}{cmr}{m}{ui}{lcui}
325 </T2Ccmr>
326 %
327 <*T2Ccmss>
328 % Cyrillic Sans Serif
329 \DeclareFontFamily{T2C}{cmss}{ }
330 %
331 \EC@family{T2C}{cmss}{m}{n}{lcss}
332 \EC@family{T2C}{cmss}{m}{sl}{lcsi}
333 \EC@family{T2C}{cmss}{m}{it}{lcsi}
334 \EC@family{T2C}{cmss}{bx}{n}{lcsx}
335 \EC@family{T2C}{cmss}{bx}{it}{lcso}
336 \EC@family{T2C}{cmss}{bx}{sl}{lcso}
337 %
338 \DeclareFontShape{T2C}{cmss}{m}{sc}{<->sub*cmr/m/sc}{ }
339 % semibold condensed series:
340 \DeclareFontShape{T2C}{cmss}{sbc}{n}{%
341 <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lcssdc10%
342 }{ }
343 </T2Ccmss>
344 %
345 <*T2Ccmntt>
346 % Cyrillic Typewriter
347 \DeclareFontFamily{T2C}{cmntt}{\hyphenchar\font\m@ne}
348 %
349 \EC@ttfamily{T2C}{cmntt}{m}{n}{lctt}
350 \EC@ttfamily{T2C}{cmntt}{m}{sl}{lcst}
351 \EC@ttfamily{T2C}{cmntt}{m}{it}{lcti}
352 \EC@ttfamily{T2C}{cmntt}{m}{sc}{lctc}
353 %
354 \DeclareFontShape{T2C}{cmntt}{bx}{n}{%
355 <nowarn> {<->sub*cmntt/m/n}{ }
356 <nowarn> {<->ssub*cmntt/m/n}{ }
357 \DeclareFontShape{T2C}{cmntt}{bx}{it}{%
358 <nowarn> {<->sub*cmntt/m/it}{ }
359 <nowarn> {<->ssub*cmntt/m/it}{ }
360 </T2Ccmntt>

```

```

361 %
362 \*T2Ccmvtt)
363 % Cyrillic Variable Typewriter
364 \DeclareFontFamily{T2C}{cmvtt}{}
365 %
366 \EC@ttfamily{T2C}{cmvtt}{m}{n}{lcvt}
367 \EC@ttfamily{T2C}{cmvtt}{m}{it}{lcvi}
368 (/T2Ccmvtt)

```

## 1.1 Computer Modern Sans

```

369 (*lcmss)
370 \X2\DeclareFontFamily{X2}{lcmss}{}
371 \T2A\DeclareFontFamily{T2A}{lcmss}{}
372 \T2B\DeclareFontFamily{T2B}{lcmss}{}
373 \T2C\DeclareFontFamily{T2C}{lcmss}{}

374 \X2\DeclareFontShape{X2}{lcmss}{m}{n}{%
375 \T2A\DeclareFontShape{T2A}{lcmss}{m}{n}{%
376 \T2B\DeclareFontShape{T2B}{lcmss}{m}{n}{%
377 \T2C\DeclareFontShape{T2C}{lcmss}{m}{n}{%
378 <7><8><10><12><13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
379 \X2) rxlq8%
380 \T2A) lalq8%
381 \T2B) lblq8%
382 \T2C) lclq8%
383 }{}

384 \X2\DeclareFontShape{X2}{lcmss}{m}{In}{%
385 \T2A\DeclareFontShape{T2A}{lcmss}{m}{In}{%
386 \T2B\DeclareFontShape{T2B}{lcmss}{m}{In}{%
387 \T2C\DeclareFontShape{T2C}{lcmss}{m}{In}{%
388 <7><8><10><12><13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
389 \X2) irxlq8%
390 \T2A) ilalq8%
391 \T2B) ilblq8%
392 \T2C) ilclq8%
393 }{}

394 \X2\DeclareFontShape{X2}{lcmss}{m}{sl}{%
395 \T2A\DeclareFontShape{T2A}{lcmss}{m}{sl}{%
396 \T2B\DeclareFontShape{T2B}{lcmss}{m}{sl}{%
397 \T2C\DeclareFontShape{T2C}{lcmss}{m}{sl}{%
398 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
399 \X2) rxli8%
400 \T2A) lali8%
401 \T2B) lbli8%
402 \T2C) lclic8%
403 }{}

404 \X2\DeclareFontShape{X2}{lcmss}{m}{Isl}{%
405 \T2A\DeclareFontShape{T2A}{lcmss}{m}{Isl}{%
406 \T2B\DeclareFontShape{T2B}{lcmss}{m}{Isl}{%
407 \T2C\DeclareFontShape{T2C}{lcmss}{m}{Isl}{%
408 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
409 \X2) irxli8%
410 \T2A) ilali8%
411 \T2B) ilbli8%
412 \T2C) ilcli8%
413 }{}

414 \X2\DeclareFontShape{X2}{lcmss}{m}{it}{%
415 \T2A\DeclareFontShape{T2A}{lcmss}{m}{it}{%
416 \T2B\DeclareFontShape{T2B}{lcmss}{m}{it}{%
417 \T2C\DeclareFontShape{T2C}{lcmss}{m}{it}{%

```

```

418 <->sub*1cmss/m/sl}{
419 (X2)\DeclareFontShape{X2}{1cmss}{m}{Iit}{%
420 (T2A)\DeclareFontShape{T2A}{1cmss}{m}{Iit}{%
421 (T2B)\DeclareFontShape{T2B}{1cmss}{m}{Iit}{%
422 (T2C)\DeclareFontShape{T2C}{1cmss}{m}{Iit}{%
423 <->sub*1cmss/m/IsI}{
424 (X2)\DeclareFontShape{X2}{1cmss}{bx}{n}{%
425 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{n}{%
426 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{n}{%
427 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{n}{%
428 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
429 (X2) rxlb8%
430 (T2A) lalb8%
431 (T2B) lblb8%
432 (T2C) lclb8%
433 }{
434 (X2)\DeclareFontShape{X2}{1cmss}{bx}{In}{%
435 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{In}{%
436 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{In}{%
437 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{In}{%
438 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
439 (X2) irxlb8%
440 (T2A) ilalb8%
441 (T2B) ilblb8%
442 (T2C) ilclb8%
443 }{
444 (X2)\DeclareFontShape{X2}{1cmss}{bx}{sl}{%
445 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{sl}{%
446 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{sl}{%
447 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{sl}{%
448 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
449 (X2) rxlo8%
450 (T2A) lalo8%
451 (T2B) lblo8%
452 (T2C) lclo8%
453 }{
454 (X2)\DeclareFontShape{X2}{1cmss}{bx}{IsI}{%
455 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{IsI}{%
456 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{IsI}{%
457 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{IsI}{%
458 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
459 (X2) irxlo8%
460 (T2A) ilalo8%
461 (T2B) ilblo8%
462 (T2C) ilclo8%
463 }{
464 (X2)\DeclareFontShape{X2}{1cmss}{bx}{it}{%
465 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{it}{%
466 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{it}{%
467 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{it}{%
468 <->sub*1cmss/bx/sl}{
469 (X2)\DeclareFontShape{X2}{1cmss}{bx}{Iit}{%
470 (T2A)\DeclareFontShape{T2A}{1cmss}{bx}{Iit}{%
471 (T2B)\DeclareFontShape{T2B}{1cmss}{bx}{Iit}{%
472 (T2C)\DeclareFontShape{T2C}{1cmss}{bx}{Iit}{%
473 <->sub*1cmss/bx/IsI}{
474 /1cmss}

```

## 1.2 Computer Modern Typewriter



```

475 (*lcmmt)
476 (X2) \DeclareFontFamily{X2}{lcmmt}{\hyphenchar\font\m@ne}
477 (T2A) \DeclareFontFamily{T2A}{lcmmt}{\hyphenchar\font\m@ne}
478 (T2B) \DeclareFontFamily{T2B}{lcmmt}{\hyphenchar\font\m@ne}
479 (T2C) \DeclareFontFamily{T2C}{lcmmt}{\hyphenchar\font\m@ne}

480 (X2) \DeclareFontShape{X2}{lcmmt}{m}{n}{%
481 (T2A) \DeclareFontShape{T2A}{lcmmt}{m}{n}{%
482 (T2B) \DeclareFontShape{T2B}{lcmmt}{m}{n}{%
483 (T2C) \DeclareFontShape{T2C}{lcmmt}{m}{n}{%
484 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
485 (X2) rxl1tt8%
486 (T2A) lal1tt8%
487 (T2B) lbl1tt8%
488 (T2C) lcl1tt8%
489 }{}

490 (X2) \DeclareFontShape{X2}{lcmmt}{m}{In}{%
491 (T2A) \DeclareFontShape{T2A}{lcmmt}{m}{In}{%
492 (T2B) \DeclareFontShape{T2B}{lcmmt}{m}{In}{%
493 (T2C) \DeclareFontShape{T2C}{lcmmt}{m}{In}{%
494 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
495 (X2) irxl1tt8%
496 (T2A) ilal1tt8%
497 (T2B) ilbl1tt8%
498 (T2C) ilcl1tt8%
499 }{}

500 (X2) \DeclareFontShape{X2}{lcmmt}{m}{it}{%
501 (T2A) \DeclareFontShape{T2A}{lcmmt}{m}{it}{%
502 (T2B) \DeclareFontShape{T2B}{lcmmt}{m}{it}{%
503 (T2C) \DeclareFontShape{T2C}{lcmmt}{m}{it}{%
504 <13.82><16.59><19.907><23.89><28.66><34.4><41.28>%
505 (X2) rxit1000%
506 (T2A) lait1000%
507 (T2B) lbit1000%
508 (T2C) lcit1000%
509 }{}
510 (/lcmmt)

```

## 2 Computer Modern Bright family

### 2.1 Computer Modern Bright, T2A encoding

```

511 (*T2Acmb)
512 \DeclareFontFamily{T2A}{cmb}{\hyphenchar\font\m@ne}
513 \DeclareFontShape{T2A}{cmb}{m}{n}{%
514 <5><6><7><8>labmr8%
515 <9>labmr9%
516 <10><10.95><12><14.4>labmr10%
517 <17.28><20.74><24.88><29.86><35.83>labmr17%
518 }{}

519 \DeclareFontShape{T2A}{cmb}{m}{sl}{%
520 <5><6><7><8>labmo8%
521 <9>labmo9%
522 <10><10.95><12><14.4>labmo10%
523 <17.28><20.74><24.88><29.86><35.83>labmo17%
524 }{}

525 \DeclareFontShape{T2A}{cmb}{m}{it}{\ssub*cmb/m/sl}{}
526 \DeclareFontShape{T2A}{cmb}{sb}{n}{%
527 <5><6><7><8>labsr8%
528 <9>labsr9%
529 <10><10.95><12><14.4>labsr10%
530 <17.28><20.74><24.88><29.86><35.83>labsr17%
531 }{}

```

```

532 \DeclareFontShape{T2A}{cmbr}{sb}{sl}{%
533   <5><6><7><8>labso8%
534   <9>labso9%
535   <10><10.95><12><14.4>labso10%
536   <17.28><20.74><24.88><29.86><35.83>labso17%
537 }{}
538 \DeclareFontShape{T2A}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
539 \DeclareFontShape{T2A}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
540 \DeclareFontShape{T2A}{cmbr}{bx}{n}{%
541   <-9>sub*cmbr/sb/n%
542   <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>labbx10%
543 }{}
544 \end{T2Acmbr}

```

## 2.2 Computer Modern Bright, T2B encoding

```

545 (*T2Bcmbr)
546 \DeclareFontFamily{T2B}{cmbr}{}
547 \DeclareFontShape{T2B}{cmbr}{m}{n}{%
548   <5><6><7><8>lbbmr8%
549   <9>lbbmr9%
550   <10><10.95><12><14.4>lbbmr10%
551   <17.28><20.74><24.88><29.86><35.83>lbbmr17%
552 }{}
553 \DeclareFontShape{T2B}{cmbr}{m}{sl}{%
554   <5><6><7><8>lbbmo8%
555   <9>lbbmo9%
556   <10><10.95><12><14.4>lbbmo10%
557   <17.28><20.74><24.88><29.86><35.83>lbbmo17%
558 }{}
559 \DeclareFontShape{T2B}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
560 \DeclareFontShape{T2B}{cmbr}{sb}{n}{%
561   <5><6><7><8>lbbmr8%
562   <9>lbbmr9%
563   <10><10.95><12><14.4>lbbmr10%
564   <17.28><20.74><24.88><29.86><35.83>lbbmr17%
565 }{}
566 \DeclareFontShape{T2B}{cmbr}{sb}{sl}{%
567   <5><6><7><8>lbbso8%
568   <9>lbbso9%
569   <10><10.95><12><14.4>lbbso10%
570   <17.28><20.74><24.88><29.86><35.83>lbbso17%
571 }{}
572 \DeclareFontShape{T2B}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
573 \DeclareFontShape{T2B}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
574 \DeclareFontShape{T2B}{cmbr}{bx}{n}{%
575   <-9>sub*cmbr/sb/n%
576   <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>lbbbx10%
577 }{}
578 \end{T2Bcmbr}

```

## 2.3 Computer Modern Bright, T2C encoding

```

579 (*T2Ccmbr)
580 \DeclareFontFamily{T2C}{cmbr}{}
581 \DeclareFontShape{T2C}{cmbr}{m}{n}{%
582   <5><6><7><8>lcbmr8%
583   <9>lcbmr9%
584   <10><10.95><12><14.4>lcbmr10%
585   <17.28><20.74><24.88><29.86><35.83>lcbmr17%
586 }{}
587 \DeclareFontShape{T2C}{cmbr}{m}{sl}{%
588   <5><6><7><8>lcbmo8%
589   <9>lcbmo9%

```

```

590 <10><10.95><12><14.4>lcbmo10%
591 <17.28><20.74><24.88><29.86><35.83>lcbmo17%
592 }{}
593 \DeclareFontShape{T2C}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
594 \DeclareFontShape{T2C}{cmbr}{sb}{n}{%
595 <5><6><7><8>lcbmr8%
596 <9>lcbmr9%
597 <10><10.95><12><14.4>lcbmr10%
598 <17.28><20.74><24.88><29.86><35.83>lcbmr17%
599 }{}
600 \DeclareFontShape{T2C}{cmbr}{sb}{sl}{%
601 <5><6><7><8>lcbso8%
602 <9>lcbso9%
603 <10><10.95><12><14.4>lcbso10%
604 <17.28><20.74><24.88><29.86><35.83>lcbso17%
605 }{}
606 \DeclareFontShape{T2C}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
607 \DeclareFontShape{T2C}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
608 \DeclareFontShape{T2C}{cmbr}{bx}{n}{%
609 <-9>sub*cmbr/sb/n%
610 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>lcbbx10%
611 }{}
612 </T2Ccmbr>

```

## 2.4 Computer Modern Bright, X2 encoding

```

613 <*X2cmbr>
614 \DeclareFontFamily{X2}{cmbr}{}
615 \DeclareFontShape{X2}{cmbr}{m}{n}{%
616 <5><6><7><8>rxbmr8%
617 <9>rxbmr9%
618 <10><10.95><12><14.4>rxbmr10%
619 <17.28><20.74><24.88><29.86><35.83>rxbmr17%
620 }{}
621 \DeclareFontShape{X2}{cmbr}{m}{sl}{%
622 <5><6><7><8>rxbmo8%
623 <9>rxbmo9%
624 <10><10.95><12><14.4>rxbmo10%
625 <17.28><20.74><24.88><29.86><35.83>rxbmo17%
626 }{}
627 \DeclareFontShape{X2}{cmbr}{m}{it}{<->ssub*cmbr/m/sl}{}
628 \DeclareFontShape{X2}{cmbr}{sb}{n}{%
629 <5><6><7><8>rxbsr8%
630 <9>rxbsr9%
631 <10><10.95><12><14.4>rxbsr10%
632 <17.28><20.74><24.88><29.86><35.83>rxbsr17%
633 }{}
634 \DeclareFontShape{X2}{cmbr}{sb}{sl}{%
635 <5><6><7><8>rxbso8%
636 <9>rxbso9%
637 <10><10.95><12><14.4>rxbso10%
638 <17.28><20.74><24.88><29.86><35.83>rxbso17%
639 }{}
640 \DeclareFontShape{X2}{cmbr}{sb}{it}{<->ssub*cmbr/sb/sl}{}
641 \DeclareFontShape{X2}{cmbr}{b}{n}{<->ssub*cmbr/bx/n}{}
642 \DeclareFontShape{X2}{cmbr}{bx}{n}{%
643 <-9>sub*cmbr/sb/n%
644 <9><10><10.95><12><14.4><17.28><20.74><24.88><29.86><35.83>rxbbx10%
645 }{}
646 </X2cmbr>

```

## 3 Computer Modern Typewriter Light family

### 3.1 Computer Modern Typewriter Light, T2A encoding

```
647 (*T2Acm1)
648 \DeclareFontFamily{T2A}{cm1}{\hyphenchar\font\m@ne}
649 \DeclareFontShape{T2A}{cm1}{m}{n}{%
650   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
651   <20.74><24.88><29.86><35.83>labb110%
652 }{}
653 \DeclareFontShape{T2A}{cm1}{m}{sl}{%
654   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
655   <20.74><24.88><29.86><35.83>labto10%
656 }{}
657 \DeclareFontShape{T2A}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
658 \end{font}
```

### 3.2 Computer Modern Typewriter Light, T2B encoding

```
659 (*T2Bcm1)
660 \DeclareFontFamily{T2B}{cm1}{\hyphenchar\font\m@ne}
661 \DeclareFontShape{T2B}{cm1}{m}{n}{%
662   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
663   <20.74><24.88><29.86><35.83>lbbt110%
664 }{}
665 \DeclareFontShape{T2B}{cm1}{m}{sl}{%
666   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
667   <20.74><24.88><29.86><35.83>lbbto10%
668 }{}
669 \DeclareFontShape{T2B}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
670 \end{font}
```

### 3.3 Computer Modern Typewriter Light, T2C encoding

```
671 (*T2Ccm1)
672 \DeclareFontFamily{T2C}{cm1}{\hyphenchar\font\m@ne}
673 \DeclareFontShape{T2C}{cm1}{m}{n}{%
674   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
675   <20.74><24.88><29.86><35.83>lcbt110%
676 }{}
677 \DeclareFontShape{T2C}{cm1}{m}{sl}{%
678   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
679   <20.74><24.88><29.86><35.83>lcbto10%
680 }{}
681 \DeclareFontShape{T2C}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
682 \end{font}
```

### 3.4 Computer Modern Typewriter Light, X2 encoding

```
683 (*X2cm1)
684 \DeclareFontFamily{X2}{cm1}{\hyphenchar\font\m@ne}
685 \DeclareFontShape{X2}{cm1}{m}{n}{%
686   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
687   <20.74><24.88><29.86><35.83>rxbt110%
688 }{}
689 \DeclareFontShape{X2}{cm1}{m}{sl}{%
690   <5><6><7><8><9><10><10.95><12><14.4><17.28>%
691   <20.74><24.88><29.86><35.83>rxbtto10%
692 }{}
693 \DeclareFontShape{X2}{cm1}{m}{it}{<->ssub*cm1/m/sl}{}
694 \end{font}
```

## 4 Computer Modern Concrete family

### 4.1 Computer Modern Concrete, T2A encoding

```
695 {*T2Accr}
696 \DeclareFontFamily{T2A}{ccr}{}
697 \DeclareFontShape{T2A}{ccr}{m}{n}{%
698   <5><6><7><8><9><10>gen*laorm%
699   <10.95><12><14.4><17.28><20.74><24.88>laorm10%
700 }{}
701 \DeclareFontShape{T2A}{ccr}{m}{sl}{%
702   <5><6><7><8><9><10>gen*laosl%
703   <10.95><12><14.4><17.28><20.74><24.88>laosl10%
704 }{}
705 \DeclareFontShape{T2A}{ccr}{m}{it}{%
706   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>laoti10%
707 }{}
708 \DeclareFontShape{T2A}{ccr}{m}{sc}{%
709   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>laocc10%
710 }{}
711 \DeclareFontShape{T2A}{ccr}{bx}{n}{%
712   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
713 }{}
714 \DeclareFontShape{T2A}{ccr}{bx}{sl}{%
715   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
716 }{}
717 \DeclareFontShape{T2A}{ccr}{bx}{it}{%
718   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
719 }{}
720 \DeclareFontShape{T2A}{ccr}{sbc}{n}{%
721   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*lassdc10%
722 }{}
723 /T2Accr
```

### 4.2 Computer Modern Concrete, T2B encoding

```
724 {*T2Bccr}
725 \DeclareFontFamily{T2B}{ccr}{}
726 \DeclareFontShape{T2B}{ccr}{m}{n}{%
727   <5><6><7><8><9><10>gen*lborm%
728   <10.95><12><14.4><17.28><20.74><24.88>lborm10%
729 }{}
730 \DeclareFontShape{T2B}{ccr}{m}{sl}{%
731   <5><6><7><8><9><10>gen*lbosl%
732   <10.95><12><14.4><17.28><20.74><24.88>lbosl10%
733 }{}
734 \DeclareFontShape{T2B}{ccr}{m}{it}{%
735   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lboti10%
736 }{}
737 \DeclareFontShape{T2B}{ccr}{m}{sc}{%
738   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>lbocc10%
739 }{}
740 \DeclareFontShape{T2B}{ccr}{bx}{n}{%
741   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/n%
742 }{}
743 \DeclareFontShape{T2B}{ccr}{bx}{sl}{%
744   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/sl%
745 }{}
746 \DeclareFontShape{T2B}{ccr}{bx}{it}{%
747   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssub*cmr/bx/it%
748 }{}
749 \DeclareFontShape{T2B}{ccr}{sbc}{n}{%
750   <5><6><7><8><9><10><10.95><12><14.4><17.28><20.74><24.88>ssubf*lbssdc10%
751 }{}

```



810  $\langle /X2ccr \rangle$