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Network Working Group
Request for Contract #112

Comments

NIC 5816
Thomas O'Sullivan
RDS
April 1, 1971

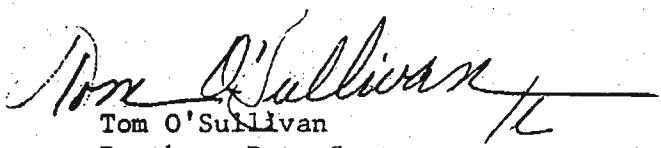
User/Server Site Protocol
Network HOST Questionnaire
(Reference RFC #106, NIC Note 5776)

Attached is a summary of the responses to the referenced questionnaire.

The questions involving terminal support were of interest to members of the User/Service Site Protocol Committee in its considerations of TELNET.

The summary points out some of the key differences between line-at-a-time and character-at-a-time (or both) in handling terminal support, especially with respect to control characters. The information may prove useful as background information to TELNET implementers.

If errors of interpretation of any sites' answer have occurred, please advise me at the following address so that I may update the chart.


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/law
Attachment

ARPA Network
User Terminal Support
(Ref KFC 106, NIC Note 8778)

3-25-71
T. O'Sullivan [RDSS]

System	Site	1	2	3	4	5	6	7	8	9	10
		Line or Char	Terminal I/O Buffer IN OUT	End of Line Action CR LF NL crlf	Special Interrupt Actions	Terminals Supported	Interval Requests	Communication Modes	Initial Echo Mode	Error Detection	Punched Paper Tape
PDP 10	CMU 10/50	batch	80ch 80l	Reflex CR+LF (2) Send line TO process	N/A like Control C interrupt running program 2nd Control C sends user to EX Ecr If user press 4 trapping 1st Control C returns to Execl	TTY 33,35 ASCII DATEL EBCDIC	7 bit ASCII	Full Duplex with twt Echo Half Duplex with Amarric	Assumes Terminal wants Echo	NO	YES (3)
CASE		batch	72ch 72l	" "	" "	TTY VT 02[DEC] ASCII	7 bit ASCII	Full Duplex with twt Echo	"	"	"
HARVARD		batch	80L 80D	" "	" "	TTY ARDS	ASCII	"	"	"	"
SRAI		batch	23mbs B3	" "	" "	TTY Delta Data Clarity	ASCII	"	"	"	"
PDP 10/E UTAH		batch	dynamic buffer	Revolv clear	1kch CRLF	TTY 33,35 ASCII	7 bit ASCII	"	"	"	"
PDP 10 TENEX	B.B. N	batch	64dy 64ch	"	No Special Action	TTY 33,35,37 ASCII	7 bit ASCII	All (5)	"	"	YES
ARC		batch	80ch 80l	" "	" "	TTY 33,35,37 ASCII T.I. Executive Technique	7 bit ASCII	Full Duplex with twt Echo	"	"	"
PDP 10 2MCS	MAS	batch	80ch 80l	" "	" "	TTY 33,35,37 ASCII 1MLAC ARDS	7 bit ASCII	"	"	"	"
PDP 10/E	SUAI	batch	150ch 150l	" "	" "	TTY 33,35,37 ASCII 1MLAC ARDS	7 bit ASCII	Full Duplex with twt Echo	"	"	"
Sign 7	UCLA	batch	127ch 128l	"	Break - page control to ppf (batch process)	Paraphil D. 31 ASCII TTY 33,35,37 ASCII 1MLAC Dataport 3300 ASCII	FBG DIF [with 4c ASCII option]	"	"	"	NO

ARPA Network User Terminal Support
(Ref RFC 106, NIC Note 3126)