NETWORK WORKING GROUP   NIC 5776
Request for Comments #106   Thomas O'Sullivan
                                                               RDS
                                                      3 March 1971

                    USER/SERVER SITE PROTOCOL
                    NETWORK HOST QUESTIONNAIRE

        The answer to a number of questions about the characteristics
and operation of Network HOSTS will be useful to implementers of some
early versions of TELNET, and/or to the USER/SERVER SITE PROTOCOL
Committee in their consideration of a full TELNET PROTOCOL
specification.

        Questions of current interest are covered on the attached
questionnaire. The Technical Liaison contact at each HOST site is asked
to review these questions and fill in the answers as soon as convenient
after receipt.

        One of the members of the committee listed below will contact
each HOST site by telephone in the next few days to record the answers.

    Committee members include:

        Bob Long   SDC

        John Melvin   SRI/ARC

        Ed Meyer   MIT/MAC

        Tom O'Sullivan   RDS

        Results of the questionnaire will be tabulated and distributed
as an RFC.

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                    NETWORK HOST QUESTIONNAIRE*

                     For TELNET Consideration

Installation _____  Prepared By _____

System** _____  Date  _____

1.)    Does system operate on keyboard terminal input on one
       character at a time (e.g. searching for a special
       character other than end of line), or does it accumulate
       a line at a time and operate on the line when a
       special character is entered, e.g. Carriage Return (CR)?

           [ ]  Line at time

           [ ]  Character at time

           [ ]  Both (Explain) _____

       _____

       _____

       _____


2.)    What maximum buffer size does your system provide for
       input of a physical line from a keyboard terminal, and
       for output to a terminal, printer, or screen?

               Input_____Char

               Output_____Char

       Remarks: _____

       _____

       _____

       _____


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 * If there is insufficient space on the questionnaire, continue
   answers on back of page.

** Fill out separate questionnaire for each HOST to be directly
   interfaced to an IMP.
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Network HOST Questionnaire (Continued)

3.)   Describe the effect in your system of use of the following
      keying conventions. Indicate how implemented, i.e. is there
      a hardware interrupt? Does the terminal respond? How?
      What is sent into system as data, what is echoed, etc.
      If the key(s) are not available, so indicate (as may be
      the case for Newline for some systems, line feed for 2741's,
      etc.). If available but has no meaning, so indicate.

      Key Strokes   Implementation   System Action

        CR   _____   _____

        LF   _____   _____

        NL   _____   _____

      CR,LF   _____   _____

            Terminal Type = _____

      If appropriate, enter data for other terminal types on the
      back of this page.

4.)   What special character or characters are used in your
      system to awaken some process during the entry of data
      from a terminal (e.g. control C for some systems, break on
      others, etc.)?

      Character(s)   Operation

      _____   _____

      _____   _____

      _____   _____

      _____   _____

5.)   List the types of keyboard terminals and codes supported
       by your system.

       _____

       _____

       _____

6.)   What internal code(s) is used in your system to represent
       character sets? If not ASCII nor EBCDIC, attach a copy of
       the code.

       _____

       _____

       _____

7.)   For each terminal type do you support it in:

       Half Duplex (Pure) _____

       Half Duplex (with Break or Attention) _____

       Half Duplex (Break & Reverse Break) _____

       Full Duplex (without echo) _____

       Full Duplex (with echo) _____

8.)   For optional echo systems, at initial connect time
       is the terminal assumed to require an echo?

               [ ] Yes

               [ ] No

9.)   Does your system perform error detection (e.g. parity
       check) on terminal input and, if so, is this a hardware
       or software check?

       _____

       _____

       _____

10.)   Does your system support punched paper tape input? If so,
       what sort of end of line sequence is used?

       _____

       _____

       _____

       [This RFC was put into machine readable form for entry]
          [into the online RFC archives by S.M.H. 5/97]