Suggested Telnet Protocol Changes

    I hereby propose the following changes to the Telnet protocol. If
no substantial negative response is received by 15 May 72 it will be
assumed that these changes are desired and should be incorporated in
any "Official Telnet Protocol".

    First I suggest that we drop the idea of a "minimum"
implementation and require a standard implementation which includes all
aspects of the protocol.

    Second I suggest that we eliminate the DATA TYPE signals.

    Third I suggest that we do away with HIDE YOUR INPUT signal.

Arguments:

    Standard Implementation:
        The idea of an accepted implementation which does not include
        whole protocol is an admission that the parts of the
        protocol left out are either not useful or not expected to be
        used, and that other mechanisms will be constructed to provide
        those functions. Thus there should be no minimum
        implementation, but only the standard implementation which
        includes the whole protocol.

    Data Types:
        The DATA TYPE signals are supposed to allow the communicating
        processes to switch from ASCII to some other code set. However,
        the other code sets suggested do not allow for the Telnet
        signals, and thus once the switch is made the Telnet
        protocol is no longer applicable. There is no way to specify
        how to get back to ASCII or Telnet thus the
        conversation is "out of control".

Hide Your Input:
      The HIDE YOUR INPUT signal is supposed to tell the user Telnet
      process to do whatever it can to hide the user's
      subsequent input. One problem with this is determining
      how much input is to be hidden. It is very difficult to find a
      method of hiding input which works for all combinations of
      systems and terminals, but the HIDE YOUR INPUT signal dosen't
      help in any real way.

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