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Super Serial Card: Using Serial Multiplexer (12/96)

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TOPIC ---

This article discusses using the Super Serial Card with a Serial Multiplexer.

DISCUSSION --

To reduce costs, many schools install a Serial Multiplexer to allow many Apples
to share an Imagewriter. The multiplexer scans each computer by sampling a
signal called "Data Set Ready" or DSR from the Super Serial Card in each IIe.

The nature of the SSC causes a modem nullifier to map this signal to DTR, "Data
Terminal Ready." Normally this signal is not turned off by the computer since
other equipment, like a modem, requires this signal to remain on. In this
configuration the Serial Multiplexer stops scanning and hangs if the signal is
not dropped. A simple POKE in BASIC releases the line.

The general form is: POKE 49050+256*Slot,1

Example

Most systems have the SSC in slot 1, so the command is:

POKE 49306,0

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