Apple IIc: Serial port interfacing (1 of 2)
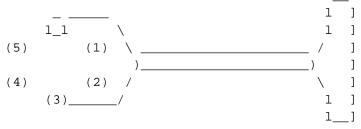
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The Apple IIc serial ports are 5-pin DIN connectors. Both Port 1 (Printer)
and Port 2 (Modem) have the same pin-out and signal description. Here are
the cable descriptions for connecting them to the Imagewriter and the Apple
Modem.

```
  Apple IIc Serial Port   -  Imagewriter   -  Apple Modem


        DTR (1)              6 - DSR          6 - DTR
        TXD (2)              3 - RCD          9 - TXD
        GND (3)              7 - GND          3 - GND
        RCD (4)              2 - TXD          5 - RCD
        DSR (5)             20 - DTR          2 - DSR


                                                __
          _ _____                         l   ]
           l_l      \                       l   ]
      (5)       (1)  \ _____ /   ]
                       )_____)    ]
      (4)       (2)  /                      \   ]
          (3)_____/                         l   ]
                                              l__]
            DIN type connector        DB type connector
```

Setting up the printer port from within a program on the IIc is essentially
the same as changing the settings on previous interface cards: after first
directing output to the serial port (using PR#1 and PR#2 for Ports 1 and 2,
respectively), the commands can then be sent to the serial port. Each
command for Port 1 must be preceded by CTRL-I. The commands for Port 1 are:

Cmd   Description

 nnn   Set line width(from 001 through 255): This command must
        be followed by an 'N' or a <CR>.

 nnB   Set baud rate to value corresponding to nn.

        nn   Rate   nn   Rate

        01 - 50   09 - 1800

```
            02 - 75                  10 - 2400
            03 - 110                 11 - 3600
            04 - 135                 12 - 4800
            05 - 150                 13 - 7200
            06 - 300                 14 - 9600
            07 - 600                 15 - 19200
            08 - 1200
```

nB   Set Data Format to values corresponding to n.

```
        n  -  Format

        0      8 data 1 stop
        1      7 data 1 stop
        2      6 data 1 stop
        3      5 data 1 stop
        4      8 data 2 stop
        5      7 data 2 stop
        6      6 data 2 stop
        7      5 data 2 stop
```

I   Echo output to screen.

K   Disable <LF> after <CR>.

L   Generate <LF> after <CR>.

nP   Set Parity corresponding to n.

```
        n  -  Parity

        0      none
        1      odd
        2      none
        3      even
        4      none
        5      mark (1)
        6      none
        7      space (0)
```

R   Reset Port 1 and exit from serial port 1 firmware.

S   Send a 233 millisecond Break character

Z   Zap (ignore) further command characters (until
        CTRL-Reset or PR#1). Do not format output or insert
        carriage returns into output stream.
<None>

Keywords: <None>

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```

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