



Tech Info Library

Macintosh Pascal: Printing

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Security: Everyone

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To print from your Pascal program, open the printer with the command `Rewrite(f,"printer:").` The commands `Write(ThePrinter,p1[p2,...,pn])` and `WriteLn(ThePrinter,p1[p2,...,pn])` cause the values represented by `p1`, `p2`, etc., to be sent to the printer (See pages 9-16 thru 9-20 of the Macintosh Pascal Reference Manual.). Since Pascal considers every peripheral device to be an external file, a program never directly accesses a driver.

From within a program, printing sends data to the printer via the serial port selected in the Chooser. A Laserwriter in the Diablo 630 mode (NOT over AppleTalk) can print the text as can any printer that functions serially on the Macintosh. Simply send the appropriate ASCII "escape" sequences for the specific printer and then send the ASCII text.

To print the width of the 15" ImageWriter, the user should determine how many characters are sent before sending a CR/LF, which in turn determines the length of the line.

A good example would be the "PRINTTEXTFILE" sample included on the Pascal disk, which includes a technique for setting up the printer so that it skips page breaks.

Apple Technical Communications

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