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MacTEx is the first full version of \TeX available for the Macintosh Plus computer. A full implementation, it includes both the \texttt{PLAIN} and \texttt{LATEX} macro packages with LaserWriter and LaserWriter Plus fonts and the standard \TeX fonts. With the package, you also get \texttt{INTL\TeX} and all the sources for the macro packages \texttt{PLAIN} and \texttt{LATEX}. With this you can generate your own format files on top of an already existing one, or create a completely new one and select it for loading. And \texttt{MacTEx} has passed the "\TeX torture test", so you can be sure that the output you get is to the exacting \TeX standards.

\texttt{MacTEx} is more than \TeX itself. It also contains a built-in multiple file editor and a screen previewer which lets you view the output before printing. Also in the program is the LaserWriter AppleTalk driver to print on a LaserWriter, LaserWriter Plus or any other AppleTalk printer such as a Linotronic 300 (a 2,540 dot per inch laser typesetter). This means that you’ll never have to leave the program.

\texttt{MacTEx} will also let you send \texttt{POSTSCRIPT} directly thus allowing effects such as grey text or rotated text. (As you can see above, "Available Now!" is rotated 25 degrees, yet it was set using \TeX.) You can also include \texttt{POSTSCRIPT} text files or MacPaint files for graphics. The example on the right was included in printing and the text file containing the \texttt{POSTSCRIPT} code was created using \texttt{MacTEx}’s built-in editor.

\texttt{MacTEx} supports all the LaserWriter and LaserWriter Plus fonts such as \texttt{ITC Avant Garde Gothic}, \texttt{ITC Bookman}, \texttt{Courier}, \texttt{Helvetica}, \texttt{Helvetica-Narrow}, \texttt{New Century Schoolbook}, \texttt{Palatino}, \texttt{Symbol} (Symbol), \texttt{Times-Roman}, \texttt{Zapf Chancery Medium Italic}, and \texttt{(Zapf Dingbats)} with \texttt{bold}, \texttt{italic} and \texttt{bold-italic} for most of the fonts. As well, five \texttt{LATEX} fonts and three math fonts, \texttt{amsy}, \texttt{ammi}, and \texttt{amex}, are included for full math typesetting and have been converted from pixels into outline form allowing them to be scaled to any size without seeing jagged edges on the letters.

\begin{itemize}
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  \item \textbf{\TeX:} Standard \TeX with on-screen buttons for error handling.
  \item \textbf{Previewer:} Goto previous page, next page or jump to one at random. View full page (3:1 reduction), full size (1:1) or double size (1:2). Dump the page image to an ImageWriter for proofing.
  \item \textbf{Printer:} Print the .dvi file on any LaserWriter on AppleTalk, or download a \texttt{POSTSCRIPT} file. You may also save the .dvi file as a \texttt{POSTSCRIPT} text file and download it later.
\end{itemize}

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