

T<sub>E</sub>X Macro Package

by

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This macro package, consisting of about 450 control sequences, is suited for most applications: memoranda, letters, papers, reports, thesis, books. Provisions exist for working with ease (one-character accents, without exceptions, for instance) in one of three languages at the turn of a switch: `\english`, `\espanol`, `\francais`.

It contains all standard simple features one would expect: paragraphing (enumerate, display, itemize, etc.), footnotes, annotations, comments, quotes, verses, etc. And, for papers and longer documents, it also includes handling of chapters and subsections (up to three levels), with automatic tables of contents and plates (figures, tables) and headings. There are many other useful macros, such as "no-fill" mode (for computer programs, say) and a collection of "Mickey Mouse macros" for glamorous effects.

Special care has been put to make output routines simple. For example, document's preambles may look like this (there are default settings for everything, of course):

```

\romannumbering{7}                % Start on page vii
\bothsides                          % Adjust for both-side printing

\setmargin{1.25}{1}                % Margin on odd pages=1.25", even=1"
\columnspanpage{4}{1.5}{.08}{6.25} % On 6.25" sheets, set 4 pages per sheet:
                                     % width 1.5", interpage spacing .08",
\setvsize{9}                        % and vertical size 9"

\onelineheading                      % Select style

```

The last command will select among some six possible types of page's style: this includes the headings, headlines, title pages and normal pages formats. The macros that set dimensions adjust these, and any other macros, automatically.

Given any page design, no matter how appealing you think it is, there exists someone who will utterly dislike the font used for subsections, or the § sign, or the spacing in an itemized paragraph (the author has typed or helped typeset about five thesis, several reports, and many letters). For that reason, most macros utilize "parameters" that can be redefined without digging deeply into the whole package to locate the site where a particular object is being processed.

The package is by no means "complete." At the time of this writing, index and "grafix-mode" macros are being written. Frugal documentation exists, but a better non-T<sub>E</sub>Xpert document is being composed. The macro package is totally compatible with the T<sub>E</sub>X manual; no standard control sequences are redefined, and no special extensions of T<sub>E</sub>X are required either (so far).

Macros are currently lodged in the S.A.I.L. machine, and a non-SAIL version exists at SCORE. To obtain them, send (ARPAnet users) a message to MMD@SAIL, or write to the author.

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