NAME

me – macros for formatting papers

SYNOPSIS

nroff –**me** [*options*] *filename* . . .
troff –**me** [*options*] *filename* . . .

DESCRIPTION

This package of **nroff** and **troff** macro definitions provides a canned formatting facility for technical papers in various formats. When producing 2-column output on a terminal, filter the output through **col**(1).

The macro requests are defined below. Many **nroff** and **troff** requests are unsafe in conjunction with this package, however, these requests may be used with impunity after the first .pp:

.bp	begin new page
.br	break output line here
.sp *n*	insert n spacing lines
.ls *n*	(line spacing) n=1 single, n=2 double space
.na	no alignment of right margin
.ce *n*	center next n lines
.ul *n*	underline next n lines
.sz +*n*	add n to point size

Output of the **eqn**(1), **neqn**(1), **refer**(1), and **tbl**(1) preprocessors for equations and tables is acceptable as input.

REQUESTS

In the following list, "initialization" refers to the first **.pp, .lp**, **.ip**, **.np**, **.sh**, or **.uh** macro. This list is incomplete.

Request	Initial Value	Cause Break	Explanation
.(c	-	yes	Begin centered block.
.(d	-	no	Begin delayed text.
.(f	-	no	Begin footnote.
.(l	-	yes	Begin list.
.(q	-	yes	Begin major quote.
.(x*x*	-	no	Begin indexed item in index *x*.
.(z	-	no	Begin floating keep.
.)c	-	yes	End centered block.
.)d	-	yes	End delayed text.
.)f	-	yes	End footnote.
.)l	-	yes	End list.
.)q	-	yes	End major quote.
.)x	-	yes	End index item.
.)z	-	yes	End floating keep.
.++ *m H*	-	no	Define paper section. *m* defines the part of the paper, and can be **C** (chapter), **A** (appendix), **P** (preliminary, for instance,

			abstract, table of contents, etc.), **B** (bibliography), **RC** (chapters renumbered from page one each chapter), or **RA** (appendix renumbered from page one).
.+c *T*	-	yes	Begin chapter (or appendix, etc., as set by **.++**). *T* is the chapter title.
.1c	1	yes	One column format on a new page.
.2c	1	yes	Two column format.
.EN	-	yes	Space after equation produced by **eqn** or **neqn**.
.EQ *x y*	-	yes	Precede equation; break out and add space. Equation number is *y*. The optional argument *x* may be *I* to indent equation (default), *L* to left-adjust the equation, or *C* to center the equation.
.GE	-	yes	End *gremlin* picture.
.GS	-	yes	Begin *gremlin* picture.
.PE	-	yes	End **pic** picture.
.PS	-	yes	Begin **pic** picture.
.TE	-	yes	End table.
.TH	-	yes	End heading section of table.
.TS *x*	-	yes	Begin table; if *x* is *H* table has repeated heading.
.ac *A N*	-	no	Set up for ACM style output. *A* is the Author’s name(s), *N* is the total number of pages. Must be given before the first initialization.
.b *x*	no	no	Print *x* in boldface; if no argument switch to boldface.
.ba *+n*	0	yes	Augments the base indent by *n*. This indent is used to set the indent on regular text (like paragraphs).
.bc	no	yes	Begin new column.
.bi *x*	no	no	Print *x* in bold italics (nofill only).
.bu	-	yes	Begin bulleted paragraph.
.bx *x*	no	no	Print *x* in a box (nofill only).
.ef *´x´y´z*	´´´´´	no	Set even footer to *x y z*.
.eh *´x´y´z*	´´´´´	no	Set even header to *x y z*.
.fo *´x´y´z*	´´´´´	no	Set footer to *x y z*.
.hx	-	no	Suppress headers and footers on next page.
.he *´x´y´z*	´´´´´	no	Set header to *x y z*.

.hl	-	yes	Draw a horizontal line.
.i *x*	no	no	Italicize *x*; if *x* missing, italic text follows.
.ip *x y*	no	yes	Start indented paragraph, with hanging tag *x*. Indentation is *y* ens (default 5).
.lp	yes	yes	Start left-blocked paragraph.
.lo	-	no	Read in a file of local macros of the form **.*** *x*. Must be given before initialization.
.np	1	yes	Start numbered paragraph.
.of *´x´y´z*	*´´´´´*	no	Set odd footer to x y z.
.oh *´x´y´z*	*´´´´´*	no	Set odd header to x y z.
.pd	-	yes	Print delayed text.
.pp	no	yes	Begin paragraph. First line indented.
.r	yes	no	Roman text follows.
.re	-	no	Reset tabs to default values.
.sc	no	no	Read in a file of special characters and diacritical marks. Must be given before initialization.
.sh *n x*	-	yes	Section head follows, font automatically bold. *n* is level of section, *x* is title of section.
.sk	no	no	Leave the next page blank. Only one page is remembered ahead.
.sm *x*	-	*no*	*Set x in a smaller pointsize.*
.sz *+n*	10p	no	Augment the point size by *n* points.
.th	no	no	Produce the paper in thesis format. Must be given before initialization.
.tp	no	yes	Begin title page.
.u *x*	-	no	Underline argument (even in **troff**). (Nofill only).
.uh	-	yes	Like **.sh** but unnumbered.
.xp *x*	-	no	Print index *x*.

FILES

/usr/share/lib/tmac/e
/usr/share/lib/tmac/*.me

SEE ALSO

eqn(1), **nroff**(1), **refer**(1), **tbl**(1), **troff**(1)