

NAME

groff_me - troff macros for formatting papers

SYNOPSIS

groff -me [options] file ...

groff -m me[options] file ...

DESCRIPTION

This manual page describes the GNU version of the -me macros, which is part of the groff document formatting system. This version can be used with both GNU troff and Unix troff. This package of *troff* macro definitions provides a canned formatting facility for technical papers in various formats.

The macro requests are defined below. Many *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
```

Output of the *pic*, *eqn*, *refer*, and *tbl* preprocessors is acceptable as input.

FILES

/usr/share/groff/1.21/tmac/me.tmac (a wrapper file for e.tmac)

/usr/share/groff/1.21/tmac/e.tmac

SEE ALSO

[groff\(1\)](#), [troff\(1\)](#)

-me Reference Manual, Eric P. Allman

Writing Papers with Groff Using -me

REQUESTS

This list is incomplete; see *The -me Reference Manual* for interesting details.

Request	Initial Value	Causes 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 <i>x</i>	-	no	Begin indexed item in index
.(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
..+ + <i>m H</i>	-	no	Define paper section. <i>m</i> defines the part of the paper, and can be C (chapter), A (appendix), P (preliminary, e.g., abstract, table of contents, etc.), B (bibliography), RC (chapters renumbered from page one each chapter), or RA (appendix renumbered from page one).

.+c <i>T</i>	-	yes	Begin chapter (or appendix, etc., as set by .++). <i>T</i> 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 <i>eqn</i> or <i>neqn</i> .
.EQ <i>x y</i>	-	yes	Precede equation; break out and add space. Equation number is <i>y</i> . The optional argument <i>x</i> may be <i>I</i> to indent equation (default), <i>L</i> to left-adjust the equation, or <i>C</i> to center the equation.
.GE	-	yes	End <i>gremlin</i> picture.
.GS	-	yes	Begin <i>gremlin</i> picture.
.PE	-	yes	End <i>pic</i> picture.
.PS	-	yes	Begin <i>pic</i> picture.
.TE	-	yes	End table.
.TH	-	yes	End heading section of table.
.TS <i>x</i>	-	yes	Begin table; if <i>x</i> is <i>H</i> table has repeated heading.
.b <i>x</i>	no	no	Print <i>x</i> in boldface; if no argument switch to boldface.
.ba <i>+n</i>	0	yes	Augments the base indent by <i>n</i> . This indent is used to set the indent on regular text (like paragraphs).
.bc	no	yes	Begin new column
.bi <i>x</i>	no	no	Print <i>x</i> in bold italics (nofill only)
.bu	-	yes	Begin bulleted paragraph
.bx <i>x</i>	no	no	Print <i>x</i> 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 <i>x</i>	no	no	Italicize <i>x</i> ; if <i>x</i> missing, italic text follows.
.ip <i>x y</i>	no	yes	Start indented paragraph, with hanging tag <i>x</i> . Indentation is <i>y</i> ens (default 5).
.lp	yes	yes	Start left-blocked paragraph.
.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.
.sh <i>n x</i>	-	yes	Section head follows, font automatically bold. <i>n</i> is level of section, <i>x</i> is title of section.
.sk	no	no	Leave the next page blank. Only one page is remembered ahead.
.sm <i>x</i>	-	no	Set <i>x</i> in a smaller pointsize.
.sz <i>+n</i>	10p	no	Augment the point size by <i>n</i> points.
.tp	no	yes	Begin title page.
.u <i>x</i>	-	no	Underline argument (even in <i>troff</i>). (Nofill only).
.uh	-	yes	Like .sh but unnumbered.
.xp <i>x</i>	-	no	Print index.