

COMMANDS

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RUNOFF

Format: runoff with options

Purpose: To format documents for publication.

Input from path consists of text lines interleaved with formatting request lines, which are distinguished by an initial ','. Request lines are instructions to runoff, text lines are data to be copied with appropriate formatting to the output.

Lines beginning with blanks, and certain other lines signify 'breaks', before which a newline must issue, otherwise lines end only when filled with words.

Four running titles are maintained for odd and even pages, top and bottom. Each is set by a pattern delimited by four quotes:

'part1'part2'part3'

Part1 is left justified, part2 centered, and part3 right justified with respect to the margins current when the title was set. Any % sign in a title is replaced by the current page number.

- Options:
- nowait suppress 'position paper' comment, implied by file
 - from n start printing at page n
 - to n finish with page n
 - device n prepare output suitable for device n, where n=37, 1050, 2741, 202 (printer). Default is current console or 202 according as file is off or on.
 - file create output file path.runoff instead of printing directly

Requests: Mode setting requests all have initial defaults. Missing n fields are taken as 1, missing s fields as ''.

request break default meaning

.ad	yes	yes	adjust right margin
.ar	no	yes	arabic page numbers
.bp	yes		begin page
.br	yes		break
.ce n	yes		center next n text lines
.ds	yes	no	double space
.ef s	no	s='''	even page foot
.eh s	no	s='''	even page head
.fi	yes	yes	fill output lines
.fo s	no	s='''	even and odd page foot
.he s	no	s='''	even and odd page head
.in n	no	n=0	indent margin n spaces
.li n	no		literal, next n input lines are all text
.ll n	no	n=50	line length including indent is n
.ma n	no	n=5	top and bottom margins are n>0 spaces including title
.na	yes	no	no right margin adjustment
.ne n	no		need n lines, 2n if double spaced, begin new page if not enough remain
.nf	yes	no	nofill, break after each input text line
.no	yes	no	synonym for .na
.of s	no	s='''	odd page foot
.oh s	no	s='''	odd page head
.op	yes		begin an odd page
.pa n	yes		begin page n
.pl n	no	n=56	paper length is n including top and bottom margins
.re	no	no	roman page numbers
.sk n	no		skip n page numbers before next new page
.sp n	yes		space n lines
.ss	yes	yes	single space
.tr cd	no		translate nonblank character c into d on output, arbitrary ed pairs may follow
.un n	yes		unindent next text line n spaces left of current margin