

NAME

a2ps – format files for printing on a PostScript printer

SYNOPSIS

a2ps [*OPTION*]... [*FILE*]...

DESCRIPTION

Convert *FILE*(s) or standard input to PostScript.

Mandatory arguments to long options are mandatory for short options too. Long options marked with * require a yes/no argument, corresponding short options stand for 'yes'.

Tasks:

--version

display version

--help display this help

--guess

report guessed types of *FILES*

--which

report the full path of library files named *FILES*

--glob report the full path of library files matching *FILES*

--list=defaults

display default settings and parameters

--list=TOPIC

detailed list on *TOPIC* (delegations, encodings, features, variables, media, ppd, printers, prologues, style-sheets, user-options)

After having performed the task, exit successfully. Detailed lists may provide additional help on specific features.

Global:

-q, --quiet, --silent

be really quiet

-v, --verbose[=LEVEL]

set verbosity on, or to *LEVEL*

=, --user-option=OPTION

use the user defined shortcut *OPTION*

--debug

enable debugging features

-D, --define=KEY[:VALUE]

unset variable *KEY* or set to *VALUE*

Sheets:

-M, --medium=NAME

use output medium *NAME*

-r, --landscape

print in landscape mode

-R, --portrait

print in portrait mode

--columns=NUM

number of columns per sheet

--rows=NUM

number of rows per sheet

--major=DIRECTION

first fill (*DIRECTION*=) rows, or columns

- 1, -2, ..., -9**
predefined font sizes and layouts for 1.. 9 virtuals
- A, --file-align=MODE**
align separate files according to MODE (fill, rank page, sheet, or a number)
- j, --borders***
print borders around columns
- margin[=NUM]**
define an interior margin of size NUM

The options **-1.. -9** affect several primitive parameters to set up predefined layouts with 80 columns. Therefore the order matters: **'-R -f40 -2'** is equivalent to **'-2'**. To modify the layout, use **'-2Rf40'**, or compose primitive options (**'--columns'**, **'--font-size'** etc.).

Virtual pages:

- line-numbers=NUM**
precede each NUM lines with its line number
- C** alias for **--line-numbers=5**
- f, --font-size=SIZE**
use font SIZE (float) for the body text
- L, --lines-per-page=NUM**
scale the font to print NUM lines per virtual
- l, --chars-per-line=NUM**
scale the font to print NUM columns per virtual
- m, --catman**
process FILE as a man page (same as **-L66**)
- T, --tabsize=NUM**
set tabulator size to NUM
- non-printable-format=FMT** specify how non-printable chars are printed

Headings:

- B, --no-header**
no page headers at all
- b, --header[=TEXT]**
set page header
- u, --underlay[=TEXT]**
print TEXT under every page
- center-title[=TEXT]**
set page title to TITLE
- left-title[=TEXT]**
set left and right page title to TEXT
- right-title[=TEXT]**
- left-footer[=TEXT]**
set sheet footers to TEXT
- footer[=TEXT]**
- right-footer[=TEXT]**

The TEXTs may use special escapes.

Input:

- a, --pages[=*RANGE*]**
select the pages to print
- c, --truncate-lines***
cut long lines
- i, --interpret***
interpret tab, bs and ff chars
- end-of-line=*TYPE***
specify the eol char (TYPE: r, n, nr, rn, any)
- X, --encoding=*NAME***
use input encoding NAME
- t, --title=*NAME***
set the name of the job
- stdin=*NAME***
set the name of the input file stdin
- print-anyway***
force binary printing
- Z, --delegate***
delegate files to another application
- toc[=*TEXT*]**
generate a table of content

When delegations are enabled, a2ps may use other applications to handle the processing of files that should not be printed as raw information, e.g., HTML PostScript, PDF etc.

Pretty-printing:

- E, --pretty-print[=*LANG*]**
enable pretty-printing (set style to LANG)
- highlight-level=*LEVEL***
set pretty printing highlight LEVEL LEVEL can be none, normal or heavy
- g** alias for **--highlight-level=*heavy***
- strip-level=*NUM***
level of comments stripping

Output:

- o, --output=*FILE***
leave output to file FILE. If FILE is '-', leave output to stdout.
- version-control=*WORD***
override the usual version control
- suffix=*SUFFIX***
override the usual backup suffix
- P, --printer=*NAME***
send output to printer NAME
- d** send output to the default printer

PostScript:

- prologue=*FILE***
include FILE.pro as PostScript prologue

- ppd[=*KEY*]**
automatic PPD selection or set to *KEY*
- n, --copies=*NUM***
print *NUM* copies of each page
- s, --sides=*MODE***
set the duplex *MODE* ('1' or 'simplex', '2' or 'duplex', 'tumble')
- S, --setpagedevice=*K[:V]***
pass a page device definition to output
- statusdict=*K[:[:V]***
pass a statusdict definition to the output
- k, --page-prefeed**
enable page prefeed
- K, --no-page-prefeed**
disable page prefeed

By default a2ps is tuned to do what you want to, so trust it. To pretty print the content of the 'src' directory and a table of content, and send the result to the printer 'lw',

```
$ a2ps -P lw --toc src/*
```

To process the files 'sample.ps' and 'sample.html' and display the result,

```
$ a2ps -P display sample.ps sample.html
```

To process a mailbox in 4 up,

```
$ a2ps ==mail -4 mailbox
```

To print as a booklet on the default printer, which is Duplex capable,

```
$ a2ps -=book paper.dvi.gz -d
```

News, updates and documentation: visit <http://www.inf.enst.fr/~demaille/a2ps/>.

AUTHOR

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REPORTING BUGS

Report bugs to <bug-a2ps@gnu.org>.

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SEE ALSO

a2ps(1), **card(1)**, **fixps(1)**, **pdiff(1)**, **psset(1)**, **texi2dvi4a2ps(1)**.

The full documentation for **a2ps** is maintained as a Texinfo manual. If the **info** and **a2ps** programs are properly installed at your site, the command

```
info a2ps
```

should give you access to the complete manual.