NAME

lout - prepare Lout document for printing

SYNOPSIS

lout [-i<filename>] files

DESCRIPTION

Invoke the Basser Lout interpreter on the concatenation of the named files, producing a PostScript file on standard output suitable for printing on PostScript printers using lpr(1). If no files are named, stdin is used instead. The special file name - may be used to denote standard input. There may be white space between flags like -i and their associated <filename> or <dirname> values.

An optional .lout suffix may be used for Lout source and include files. When invoking files ending in this suffix the suffix may be omitted.

OPTIONS

-i<filename> Search the directories of the include file path (see below) for <filename> or <filename>.lout and include it. There may be multiple -i options.

-s Suppress all reading and writing of the cross reference database; other databases are not affected. Useful when many simple documents that don't do any cross referencing are stored in one directory.

-e<filename> Direct error messages to <filename> instead of to stderr.

-o<filename> Direct PostScript output to <filename> instead of to stdout.

-I<dirname> Add <dirname> to the list of directories searched for @Include files and -i option files. There may be multiple -I options. @Include first searches the current directory, then searches the -I directories in the order given, and finally searches the default include file directory (see below). @SysInclude and the -i option omit the search of the current directory.

-C<dirname> Add <dirname> to the list of directories searched for character encoding (.CEV) files. There may be multiple -C options; the directories are searched in the order given, and finally the default encoding vectors directory is searched (see below).

-F<dirname> Add <dirname> to the list of directories searched for font metrics (.AFM) files. There may be multiple -F options; the directories are searched in the order given, and finally the default font metrics directory is searched (see below).

-D<dirname> Add <dirname> to the list of directories searched for Lout database files. There may be multiple -D options. @Database searches the current directory, then the -D directories in the order given, and finally searches the default databases directory (see below). @SysDatabase omits the search of the current directory.

-u Print usage information on stderr.

-V Print version information on stderr.

-EPS Produce output in the form of an EPS (Encapsulated PostScript) file, suitable for inclusion in another document.

LIMITS

At most 255 input files (no limit on @IncludeGraphic files)
At most 255 characters per input line
At most 100 fonts (each different size counts as one font)
At most 5 deep nesting of @Include files

FILES

Binary file: <BINDIR>/lout
Default include file directory: <LIBDIR>/include

Default databases directory: <LIBDIR>/data
Default font metrics directory: <LIBDIR>/font
Default encoding vectors dir.: <LIBDIR>/evec
Lout documentation directory: <DOCDIR>

SEE ALSO

lpr(1), ghostview(1)

REFERENCES

For a description of the Lout document formatting system, see Jeffrey H. Kingston, "Document Formatting with Lout", Tech. Rep. 449, Basser Dept. of Computer Science, The University of Sydney 2006, Australia (December 1992). See Adobe Systems Inc., "PostScript Language Reference Manual (Second Edition)", Addison-Wesley, 1990, for PostScript.

AUTHOR

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