

NAME

bundledoc – bundle all the files needed by a LaTeX document

SYNOPSIS

bundledoc [**--help**] [**--[no]verbose**] [**--texfile=***file*] [**--tardir=***directory*] [**--manifest=***file*] [**--[no]keepdirs**]
.dep file

DESCRIPTION

bundledoc is a post-processor for the **snapshot** package that bundles together all the classes, packages, and files needed to build a given LaTeX document. It reads the *.dep* file that **snapshot** produces, finds each of the files mentioned therein, and archives them into a single *.tar.gz* file, suitable for moving across systems, transmitting to a colleague, etc.

OPTIONS

bundledoc requires the name of the dependency file produced by **snapshot** (normally *somefile.dep*). The following options may also be given:

--help

Give a brief usage message. This overrides all the remaining options.

--[no]verbose

(default: *noverbose*)

bundledoc normally does not output anything except error messages. With **--verbose**, it outputs copious status messages.

--texfile=*main .tex file*

(default: *somefile.tex*)

snapshot's dependency file does not list the main LaTeX file (the one that gets passed to **latex**). In order for **bundledoc** to find and bundle that file, **bundledoc** assumes it has the same name as the **snapshot** dependency file but with a *.tex* extension. If this is not the case, then use **--texfile** to specify the correct filename.

--tardir=*directory within the tar file*

(default: *somefile*)

When **bundledoc** creates a tar file containing the document's files, it puts all of them in a directory, to avoid cluttering the current directory with files. If the given dependency file is called *somefile.dep*, then the *.tar.gz* file will, by default, store all the dependent files in a *somefile* directory. To change the tar file's directory name, use the **--tardir** option.

--manifest=*manifest file*

(default: *MANIFEST*)

In addition to the dependent files, **bundledoc** includes in the tar file one extra file called, by default, "*MANIFEST*". *MANIFEST* is a text file that lists the keepdirs filenames of all the dependencies. To change the filename from "*MANIFEST*" to something else, use the **--manifest** option. As a special case, **--manifest=""** tells **bundledoc** not to include a manifest file at all.

--[no]keepdirs

(default: *nokeepdirs*)

Normally, the tar file **bundledoc** produces contains a single directory, in which all the dependent files lie. If **--keepdirs** is specified, all the dependent files are stored with their keepdirs pathnames. For example, if the *somefile* document depends on *somefile.tex*, *article.cls*, and *snapshot.sty*, *somefile.tar.gz* will normally contain the following files:

- *somefile/somefile.tex*
- *somefile/article.cls*
- *somefile/snapshot.sty*
- *somefile/MANIFEST*

However, **--keepdirs** will cause *somefile.tar.gz* to contain the following sorts of filenames instead:

- *home/me/mydocs/somefile.tex*
- *usr/share/localtexmf/tex/latex/base/article.cls*

- *usr/share/localtexmf/tex/latex/snapshot/snapshot.sty*

`--tardir` is not used when `--keepdirs` is in effect. In addition, no manifest file is written to the tar file, as it contains redundant information.

FILES

bundledoc relies on the following external files: *kpsewhich*, *tar*, *gzip*, *cp*, *rm*. In addition, the user must have previously installed *snapshot.sty* and used it to produce a dependency file for his document.

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SEE ALSO

latex (1), *kpsewhich* (1), the **snapshot** documentation