

NAME

dpkg-genchanges - generate Debian .changes files

SYNOPSIS

dpkg-genchanges [*option...*]

DESCRIPTION

dpkg-genchanges reads information from an unpacked and built Debian source tree and from the files it has generated and generates a Debian upload control file (**.changes** file).

OPTIONS

-g Specifies that only source and architecture independent packages should be uploaded (no architecture specific packages will be included).

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-b, -B, -A

Specifies that a binary-only build is taking place (no source files are to be included). There's no distinction between **-b**, **-B** and **-A**, the produced **.changes** file will include whatever files were created by the **binary-*** target(s) of the package being built.

-S Specifies that only the source should be uploaded (no binary packages will be included).

The **-sx** options control whether the original source archive is included in the upload if any source is being generated (i.e. **-b** or **-B** haven't been used).

-si By default, or if specified, the original source will be included only if the upstream version number (the version without epoch and without Debian revision) differs from the upstream version number of the previous changelog entry.

-sa Forces the inclusion of the original source.

-sd Forces the exclusion of the original source and includes only the diff.

-vversion

Causes changelog information from all versions strictly later than *version* to be used.

-Cchanges-description

Read the description of the changes from the file *changes-description* rather than using the information from the source tree's changelog file.

-mmaintainer-address

Use *maintainer-address* as the name and email address of the maintainer for this package, rather than using the information from the source tree's control file.

-emaintainer-address

Use *maintainer-address* as the name and email address of the maintainer for this upload, rather than using the information from the source tree's changelog.

-Vname=value

Set an output substitution variable. See [deb-substvars\(5\)](#) for a discussion of output substitution.

-Tsubstvars-file

Read substitution variables in *substvars-file*; the default is **debian/substvars**. No variable substitution is done on any of the fields that are output, however the special variable *Format* will override the field of the same name. This option can be used multiple times to read substitution variables from multiple files.

-Dfield=value

Override or add an output control file field.

-Ufield Remove an output control file field.

- c***controlfile*
Specifies the main source control file to read information from. The default is **debian/control**.
- l***changelog-file*
Specifies the changelog file to read information from. The default is **debian/changelog**.
- f***files-list-file*
Read the list of files to be uploaded here, rather than using **debian/files**.
- F***changelog-format*
Specifies the format of the changelog. See [dpkg-parsechangelog\(1\)](#) for information about alternative formats.
- u***upload-files-dir*
Look for the files to be uploaded in *upload-files-dir* rather than **..** (**dpkg-genchanges** needs to find these files so that it can include their sizes and checksums in the **.changes** file).
- q**
Usually **dpkg-genchanges** will produce informative messages on standard error, for example about how many of the package's source files are being uploaded. **-q** suppresses these messages.
- .?, --help**
Show the usage message and exit.
- version**
Show the version and exit.

FILES

debian/files

The list of generated files which are part of the upload being prepared. **dpkg-genchanges** reads the data here when producing a **.changes** file.