

NAME

mk-origtargz – rename upstream tarball, optionally changing the compression and removing unwanted files

SYNOPSIS

mk-origtargz [*options*] *foo-1.0.tar.gz*

mk-origtargz **--help**

DESCRIPTION

mk-origtargz renames the given file to match what is expected by **dpkg-buildpackage**, based on the source package name and version in *debian/changelog*. It can convert **zip** to **tar**, optionally change the compression scheme and remove files according to **Files-Excluded** and **Files-Excluded-component** in *debian/copyright*. The resulting file is placed in *debian/./...* (In *debian/copyright*, the **Files-Excluded** and **Files-Excluded-component** stanzas are a part of the first paragraph and there is a blank line before the following paragraphs which contain **Files** and other stanzas. See **uscan**(1) “COPYRIGHT FILE EXAMPLE”).

The archive type for **zip** is detected by "**file --dereference --brief --mime-type**" command. So any **zip** type archives such as **jar** are treated in the same way. The **xpi** archive is detected by its extension and is handled properly using the **xpi-unpack** command.

If the package name is given via the **--package** option, no information is read from *debian/*, and the result file is placed in the current directory.

mk-origtargz is commonly called via **uscan**, which first obtains the upstream tarball.

OPTIONS**Metadata options**

The following options extend or replace information taken from *debian/*.

--package *package*

Use *package* as the name of the Debian source package, and do not require or use a *debian/* directory. This option can only be used together with **--version**.

The default is to use the package name of the first entry in *debian/changelog*.

-v, --version *version*

Use *version* as the version of the package. This needs to be the upstream version portion of a full Debian version, i.e. no Debian revision, no epoch.

The default is to use the upstream portion of the version of the first entry in *debian/changelog*.

--exclude-file *glob*

Remove files matching the given *glob* from the tarball, as if it was listed in **Files-Excluded**.

--copyright-file *filename*

Remove files matching the patterns found in *filename*, which should have the format of a Debian *copyright* file (**Format:** <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/> to be precise). Errors parsing that file are silently ignored, exactly as is the case with *debian/copyright*.

Unmatched patterns will emit a warning so the user can verify whether it is correct. If there are multiple patterns which match a file, only the last one will count as being matched.

Both the **--exclude-file** and **--copyright-file** options amend the list of patterns found in *debian/copyright*. If you do not want to read that file, you will have to use **--package**.

--signature *signature-mode*

Set *signature-mode*:

0 for no signature

1 for normal detached signature

2 for signature on decompressed

3 for self signature

--signature-file *signature-file*

Use *signature-file* as the signature file corresponding to the Debian source package to create a **dpkg-source** (post-stretch) compatible signature file. (optional)

Action options

These options specify what exactly **mk-origtargz** should do. The options **--copy**, **--rename** and **--symlink** are mutually exclusive.

--symlink

Make the resulting file a symlink to the given original file. (This is the default behaviour.)

If the file has to be modified (because it is a **zip**, or **xpi** file, because of **--repack** or **Files-Excluded**), this option behaves like **--copy**.

--copy

Make the resulting file a copy of the original file (unless it has to be modified, of course).

--rename

Rename the original file.

If the file has to be modified (because it is a **zip**, or **xpi** file, because of **--repack** or **Files-Excluded**), this implies that the original file is deleted afterwards.

--repack

If the given file is not compressed using the desired format (see **--compression**), recompress it.

-S, --repack-suffix *suffix*

If the file has to be modified, because of **Files-Excluded**, append *suffix* to the upstream version.

--force-repack

Recompress even if file is compressed using the desired format and no files were deleted.

-c, --component *componentname*

Use *<componentname>* as the component name for the secondary upstream tarball. Set *componentname* as the component name. This is used only for the secondary upstream tarball of the Debian source package. Then *packagename_version.orig-componentname.tar.gz* is created.

--compression [**gzip** | **bzip2** | **lzma** | **xz** | **default**]

The default method is **xz**. When **mk-origtargz** is launched in a debian source repository which format is "1.0" or undefined, the method switches to **gzip**.

-C, --directory *directory*

Put the resulting file in the given directory.

--unzipopt *options*

Add the extra options to use with the **unzip** command such as **-a**, **-aa**, and **-b**.

SEE ALSO

uscan(1), **uupdate**(1)

AUTHOR

mk-origtargz and this manpage have been written by Joachim Breitner [<nomeata@debian.org>](mailto:nomeata@debian.org).