

**NAME**

debdiff-apply – apply a debdiff to a Debian source package

**SYNOPSIS**

**debdiff-apply** [options] [orig\_dsc\_or\_dir] [patch\_file]

**debdiff-apply** [options] < [patch\_file]

**DESCRIPTION**

**debdiff-apply** takes a *patchfile* that describes the differences between two Debian source packages *old* and *new*, and applies it to a target Debian source package *orig*.

*orig* could either be the same as *old* or it could be different. *patchfile* is expected to be a unified diff between two Debian source trees, as what **debdiff**(1) normally generates.

Any changes to *debian/changelog* are dealt with specially, to avoid the conflicts that changelog diffs typically produce when applied naively. The exact behaviour may be tweaked in the future, so one should not rely on it.

If *patchfile* does not apply to *orig*, even after the special-casing of *debian/changelog*, no changes are made and **debdiff-apply**(1) will exit with a non-zero error code.

**ARGUMENTS**

orig\_dsc\_or\_dir

Target to apply the patch to. This can either be an unpacked source tree, or a .dsc file. In the former case, the directory is modified in-place; in the latter case, a second .dsc is created. Default: .

patch\_file

Patch file to apply, in the format output by **debdiff**(1). Default: */dev/stdin*

**OPTIONS**

**-h, --help**

show this help message and exit

**-v, --verbose**

Output more information

**-c CHANGELOG, --changelog CHANGELOG**

Path to debian/changelog; default: debian/changelog

**-D DISTRIBUTION, --distribution DISTRIBUTION**

Distribution to use, if the patch doesn't already contain a changelog; default: experimental

**--repl** Run the python REPL after processing.

**--source-version**

Don't apply the patch; instead print out the version of the package that it is supposed to be applied to, or nothing if the patch does not specify a source version.

**--target-version**

Don't apply the patch; instead print out the new version of the package **debdiff-apply**(1) would generate, when the patch is applied to the the given target package, as specified by the other arguments.

**For .dsc patch targets:**

**--no-clean**

Don't clean temporary directories after a failure, so you can examine what failed.

**--quilt-refresh**

If the building of the new source package fails, try to refresh patches using **quilt**(1) then try building it again.

**-d DIRECTORY, --directory DIRECTORY**

Extract the .dsc into this directory, which won't be cleaned up after **debdiff-apply(1)** exits. If not given, then it will be extracted to a temporary directory.

## AUTHORS

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## SEE ALSO

**debdiff(1)**