NAME
changestool – verify, dump, modify, create or fix Debian .changes files

SYNOPSIS
changestool −−help

changestool [*options*] *.changes-filename command* [*per-command-arguments*]

DESCRIPTION
changestool is a little program to operate on Debian .changes files, as they are produced by **dpkg−gen-changes**(1) and used to feed built Debian packages into Debian repository managers like **reprepro**(1) or **dak**.

EXAMPLES
changestool *bloat.changes* **setdistribution** *local*
will modify the **Distribution:** header inside *bloat.changes* to say *local* instead of what was there before.

changestool *reprepro_1.2.0−1.local_sparc.changes* **includeallsources**
will modify the given file to also list **.orig.tar.gz** it does not list because you forgot to build it with **dpkg−buildpackage −sa**.

changestool *blafasel_1.0_abacus.changes* **updatechecksums**
will update the md5sums to those of the files referenced by this file. (So one can do quick'n'dirty corrections to them before uploading to your private package repository)

changestool −−create *test.changes* **add** *bla_1−1.dsc bla_1−1_abacus.deb*
will add the specified files (format detected by filename, use **adddeb** or **adddsc** if you know it). If the file *test.changes* does not exist yet, a minimal one will be generated. Though that might be too minimal for most direct uses.

GLOBAL OPTIONS
Options can be specified before the command. Each affects a different subset of commands and is ignored by other commands.

−h −−help
> Displays a short list of options and commands with description.

−o −−outputdir *dir*
> Not yet implemented.

−s −−searchpath *path*
> A colon-separated list of directories to search for files if they are not found in the directory of the .changes file.

−−create
> Flag for the commands starting with **add** to create the **.changes** file if it does not yet exists.

−−create−with−all−fields
> Flag for the commands starting with **add** to create the **.changes** file if it does not yet exists. Unlike **−−create**, this creates more fields to make things like dupload happier. Currently that creates fake **Urgency** and **Changes** fields.

−−unlzma *command*
> External uncompressor used to uncompress lzma files to look into .diff.lzma, .tar.lzma or .tar.lzma within .debs.

−−unxz *command*
> External uncompressor used to uncompress xz files to look into .diff.xz, .tar.xz or .tar.xz within .debs.

−−**lunzip** *command*
>   External uncompressor used to uncompress lzip files to look into .diff.lz, .tar.lz or .tar.lz within
>   .debs.

−−**bunzip2** *command*
>   External uncompressor used to uncompress bz2 when compiled without libbz2.

COMMANDS

verify   Check for inconsistencies in the specified **.changes** file and the files referenced by it.

updatechecksums [*filename*]
>   Update the checksum (md5sum and size) information within the specified **.changes** file and all
>   **.dsc** files referenced by it. Without arguments, all files will be updated. To only update specific
>   files, give their filename (without path) as arguments.

setdistribution [*distributions*]
>   Change the **Distribution:** header to list the remaining arguments.

includeallsources [*filename*]
>   List all files referenced by **.dsc** files mentioned in the **.changes** file in said file. Without argu-
>   ments, all missing files will be included. To only include specific files, give their filename (with-
>   out path) as arguments.
>
>   Take a look at the description of −**si**, −**sa** and −**sd** in the manpage of **dpkg−gen-**
>   **changes**/**dpkg−buildpackage** how to avoid to have to do this at all.
>
>   Note that while **reprepro** will just ignore files listed in a **.changes** file when it already has the file
>   with the same size and md5sum, **dak** might choke in that case.

adddeb *filenames*
>   Add the **.deb** and **.udeb** files specified by their filenames to the **.changes** file. Filenames without a
>   slash will be searched in the current directory, the directory the changes file resides in and in the
>   directories specified by the −−**searchpath**.

adddsc *filenames*
>   Add the **.dsc** files specified by their filenames to the **.changes** file. Filenames without a slash will
>   be searched in the current directory, in the directory the changes file resides in and in the directo-
>   ries specified by the −−**searchpath**.

addrawfile *filenames*
>   Add the files specified by their filenames to the **.changes** file. Filenames without a slash will be
>   searched in the current directory, in the directory the changes file resides in and in the directories
>   specified by the −−**searchpath**.

add *filenames*
>   Behave like **adddsc** for filenames ending in **.dsc**, like **adddeb** for filenames ending in **.deb** or
>   **.udeb**, and like **addrawfile** for all other filenames

dumbremove *filenames*
>   Remove the specified files from the .changes file. No other fields (Architectures, Binaries, ...) are
>   updated and no related files is removed. Just the given files (which must be specified without any
>   /) are no longer listen in the .changes file (and only no longer in the changes file).

SEE ALSO
reprepro(1), **dpkg−genchanges**(1), **dpkg−buildpackage**(1), **md5sum**(1).

REPORTING BUGS
Report bugs or wishlist requests the Debian BTS (e.g. by using **reportbug reprepro**) or directly to <br-link@debian.org>.

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