

**NAME**

chdist – script to easily play with several distributions

**SYNOPSIS**

**chdist** [*options*] [*command*] [*command parameters*]

**DESCRIPTION**

**chdist** is a rewrite of what used to be known as 'MultiDistroTools' (or mdt). Its use is to create 'APT trees' for several distributions, making it easy to query the status of packages in other distribution without using chroots, for instance.

**OPTIONS**

**-h, --help**

Provide a usage message.

**-d, --data-dir DIR**

Choose data directory (default: `~/chdist/`).

**-a, --arch ARCH**

Choose architecture (default: `'dpkg --print-architecture'`).

**--version**

Display version information.

**COMMANDS**

**create** *DIST* [*URL RELEASE SECTIONS*]

Prepare a new tree named *DIST*

**apt** *DIST* <**update**|**source**|**show**|**showsrc**|...>

Run **apt** inside *DIST*

**apt-get** *DIST* <**update**|**source**|...>

Run **apt-get** inside *DIST*

**apt-cache** *DIST* <**show**|**showsrc**|...>

Run **apt-cache** inside *DIST*

**apt-file** *DIST* <**update**|**search**|...>

Run **apt-file** inside *DIST*

**apt-rdepends** *DIST* [...]

Run **apt-rdepends** inside *DIST*

**aptitude** *DIST* [...]

Run **aptitude** inside *DIST*

**src2bin** *DIST SRCPKG*

List binary packages for *SRCPKG* in *DIST*

**bin2src** *DIST BINPKG*

List source package for *BINPKG* in *DIST*

**compare-packages** *DIST1 DIST2* [*DIST3*, ...]

**compare-bin-packages** *DIST1 DIST2* [*DIST3*, ...]

List versions of packages in several *DIST*ributions

**compare-versions** *DIST1 DIST2*

**compare-bin-versions** *DIST1 DIST2*

Same as **compare-packages/compare-bin-packages**, but also runs **dpkg --compare-versions** and display where the package is newer.

**compare-src-bin-packages** *DIST*

Compare sources and binaries for *DIST*

**compare-src-bin-versions** *DIST*

Same as **compare-src-bin-packages**, but also run **dpkg --compare-versions** and display where the package is newer

**grep-dctrl-packages** *DIST* [...]

Run **grep-dctrl** on *\*\_Packages* inside *DIST*

**grep-dctrl-sources** *DIST* [...]

Run **grep-dctrl** on *\*\_Sources* inside *DIST*

**list** List available *DISTs*

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