

**NAME**

**ckdist** - check software distributions

**SYNOPSIS**

**ckdist** [-airsx] [-d *dir*] [-n *name*] [-t *type*] *file* ...

**DESCRIPTION**

The **ckdist** utility reads "checksum" files (which are assumed to specify components of a software distribution) and verifies the integrity of the distribution by validating the checksum of each component file. Both MD5 (128-bit "message digest") and *.inf* (32-bit CRC) checksum formats are supported.

The *file* operands may refer to regular files or to directories. Regular files named *md5*, or which have an *.md5* or an *.inf* extension, are assumed to be of the implied type, otherwise format is determined from content. If a directory is specified, it is searched for appropriately-named files only.

The options are as follows:

- a** Report on all distribution components, not just those in respect of which errors are detected.
- i** Ignore missing distribution components.
- r** Search specified directories recursively.
- s** Suppress complaints about inaccessible checksum files and directories.
- x** Verify the existence of distribution components (and also check sizes, in the case of *.inf* files), but omit the more time-consuming step of actually computing and comparing checksums.
- d *dir*** Look for distribution components in the directory *dir*.
- n *name*** Access distribution components using the filename *name*. When accessing *.inf* file components, append the appropriate extension to the filename.
- t *type*** Assume that all specified checksum files are of the format *type*, and search directories only for files in this format (where *type* is either **md5** or **inf**).

**EXIT STATUS**

The **ckdist** utility exits with one of the following values:

- 0      No errors were detected.
- 1      Errors were found in a distribution.
- 2      Usage errors, inaccessible input files, or other system errors were encountered.

**SEE ALSO**

cksum(1), md5(1)

**NOTES**

Both BSD and DOS versions of **ckdist** are available.