NAME

getdelta – SCCS check-out utility

SYNOPSIS

getdelta *[options] [file-specifications]*

DESCRIPTION

Getdelta is a simple interface to *sccs* (**s**ource **c**ode **c**ontrol **s**ystem), which is used to extract files from *sccs* archives.

Getdelta checks out (extracts) files from an *sccs* archive which have been checked in using **putdelta** (or**sccsput**, which invokes it). **Putdelta** checks in files, retaining their modification date as the check-in date. **Getdelta** extracts a given version of one or more files, and sets the modification date to match the check-in date.

OPTIONS

Getdelta is a package (which invokes *sccs*'s **get**) which does special things with the file modification date. Most of its options are passed to **get**, and then interpreted to determine the correct modification date:

–c*cutoff*

specifies the *sccs* cutoff date, in the format

YY[MM[DD[HH[MM[SS]]]]]

Punctuation in the date is permitted.

For example,

```
-c 77/2/2 9:22:25
-c 770202092225
```

represent the same date.

–f forces **getdelta** to remove the current version of the file before extracting the specified version. Otherwise, **getdelta** will refuse to overwrite a file which already exists.

–k directs get to extract the specified file without substituting sccs identification keywords. You should use this option if you intend to make updates to the file.

–n suppresses the **get**-operation. Instead, **getdelta** echoes a message showing the name, version and date of files which would be extracted.

–r*SID* specifies the *sccs* identification string (SID) of the version of an *sccs* file to be retrieved.

–s suppresses most messages written by the **get** utility (i.e., those written to standard output).

OPERATIONS

To extract files using **getdelta**, you must provide one or more names. They must be the names either of the working files, or of the archive "s." files.

ENVIRONMENT

Getdelta invokes the *sccs* utility **get**, which must be in your path. Environment variables used by **getdelta** include:

SCCS_DIR

specifies the directory in which **getdelta** will find the "s." files. If not specified, **getdelta** assumes "SCCS".

TZ is the timezone, which **getdelta** manipulates to obtain the file's modification date. It assumes that the timezone of the check-in date in the "s." file is **EST5EDT**.

FILES

Getdelta consists of a single binary file written in C. It runs in a POSIX environment.

ANTICIPATED CHANGES

None.

AUTHORS

Thomas Dickey (Software Productivity Consortium).

SEE ALSO

putdelta, sccsget, sccsput, get (1)