NAME

gdelta — delta a file from SCCS

SYNOPSIS

gdelta [options] [files]

DESCRIPTION

The *gdelta* command will *delta*(1S) the named source files into a file system dedicated to Source Code Control System (SCCS) files. *Gdelta* is written in Bourne shell-ese and thus runs only on systems supporting the Bourne shell. *Gdelta* requires two shell variables to be set and either made *global* or *exported*. The first is *SCCSOURCE*. It is set to be the directory which subtends all SCCS directories of interest. Thus for the unix source software, *SCCSOURCE* is set to /usr/src/ucb . (On the Columbus system currently Unix source is under **/usr/src/ucb** in the directories **os**, **io**, and **sys**.) The second variable is *SUBSYSTEMS*. It is set to the subdirectories of interest in $SCCSOURCE. Thus someone working on the operating system might set the following:

SCCSOURCE=/usr/src/ucb
SUBSYSTEMS="os io sys"

The command line arguments are files or any valid option to the *delta*(1S) command. If a *file* is specified, all $SUBSYSTEMS in $SCCSOURCE are searched in the order of $SUBSYSTEMS for a file named s.*file*. When found, *gdelta* executes *delta*(1S) on the file with the appropriate directories and 's.' prepended to the file name.

As an example assume the shell variables are set as above.

gdelta main.c

causes the following commands to be executed:

/usr/bin/delta $opts "$CMT" /usr/src/ucb/os/s.main.c

Here, **$opts** is a collection of all the input options except for the **—y** option to *delta*(1S). **$CMT** is the **—y** option if it exists. If the user does not use the **—y option**, *gdelta* prompts for the comment and allows multiline input. The input to the comment is terminated by an empty input line.

Gdelta also supports a logging mechanism. The *file_log*(1S) program is called to log the user, date, history, and the output from the *delta*(1S) command in the file determined to be the *delta* logging file. See *file_log*(1S).

FILES

/usr/bin/delta
/usr/sccsbin/dellog
/usr/sccsbin/file_log

SEE ALSO

dellog(1S), delta(1S), file_log(1S), gget(1S)

DIAGNOSTICS

All diagnostics are printed on file descriptor 2, and are hopefully self explanatory.