NAME

sccs-delta, delta – make a delta to an SCCS file

SYNOPSIS

/usr/ccs/bin/delta [–**nps**] [–**g***sid-list*] [–**m***mr-list*] [–**r***sid*] [–**y**[*comment*]] *s.filename* . . .

DESCRIPTION

delta checks in a record of the line-by-line differences made to a checked-out version of a file under SCCS control. These changes are taken from the writable working copy that was retrieved using the SCCS **get** command (see **sccs-get**(1)). This working copy does not have the '**s.**' prefix, and is also referred to as a **g**-file.

If a directory name is used in place of the *s.filename*, argument, the **delta** command applies to all **s.**files in that directory. Unreadable **s.**files produce an error; processing continues with the next file (if any). The use of '–' as the *s.filename* argument indicates that the names of files are to be read from the standard input, one **s.file** per line (requires –**y**, and in some cases, –**m**).

delta may issue prompts on the standard output depending upon the options specified and the flags that are set in the **s.**file (see **sccs-admin**(1), and the –**m** and –**y** options below, for details).

OPTIONS

–**n** Retain the edited **g**-file, which is normally removed at the completion of processing.

–**p** Display line-by-line differences (in **diff**(1) format) on the standard output.

–**s** Silent. Do not display warning or confirmation messages. Do not suppress error messages (which are written to standard error).

–**g***sid-list*
Specify a list of deltas to omit when the file is accessed at the SCCS version ID (SID) created by this delta. *sid-list* is a comma-separated list of SIDs. To specify a range of deltas, use a '–' separator instead of a comma, between two SIDs in the list.

–**m** [*mr-list*]
If the SCCS file has the **v** flag set (see **sccs-admin**(1)), you must supply one or more Modification Request (MR) numbers for the new delta. When specifying more than one MR number on the command line, *mr-list* takes the form of a quoted, space-separated list. If –**m** is not used and the standard input is a terminal, **delta** prompts with **MRs?** for the list (before issuing the **comments?** prompt). If the **v** flag in the **s.**file has a value, it is taken to be the name of a program to validate the MR numbers. If that validation program returns a non-zero exit status, **delta** terminates without checking in the changes.

–**r***sid* When two or more versions are checked out, specify the version to check in. This SID value can be either the SID specified on the **get** command line, or the SID of the new version to be checked in as reported by **get**. A diagnostic results if the specified SID is ambiguous, or if one is required but not supplied.

–y[*comment*]
Supply a comment for the delta table (version log). A null comment is accepted, and produces an empty commentary in the log. If **–y** is not specified and the standard input is a terminal, **delta** prompts with '**comments?**'. An unescaped NEWLINE terminates the comment.

FILES

d.*file*	temporary file of differences
p.*file*	lock file for a checked-out version
q.*file*	temporary file
s.*file*	SCCS history file
x.*file*	temporary copy of the **s.**file
z.*file*	temporary file

SEE ALSO

sccs(1), **sccs-admin**(1), **sccs-cdc**(1), **sccs-get**(1), **sccs-help**(1), **sccs-prs**(1), **sccs-prt**(1), **sccs-rmdel**(1), **sccs-sccsdiff**(1), **sccs-unget**(1), **what**(1), **sccsfile**(4)

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DIAGNOSTICS

Use the SCCS **help** command for explanations (see **sccs-help**(1)).

WARNINGS

Lines beginning with an ASCII SOH character (binary 001) cannot be placed in the SCCS file unless the SOH is escaped. This character has special meaning to SCCS (see **sccsfile**(4)) and produces an error.