

ADMIN(I)

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NAME

admin - administer SCCS files

SYNOPSIS

admin [-ddesc] [-pperson] [-ttype] [-n] [-iname [-rrel]] [-cceil] [-ffloor] [-l lock-rel]...
[-uunlock-rel] ... [-aadd-login] ... [-eerase-login] ... [-y[def-rel]] [-z] name ...

DESCRIPTION

Admin is used to create new SCCS files and change parameters of existing ones. Arguments to *admin*, which may appear in any order, consist of keyletter arguments, which begin with "-", and named files. If a named file doesn't exist, it is created, and its parameters are initialized according to the specified keyletter arguments. Parameters not initialized by a keyletter argument are assigned a default value. If a named file does exist, parameters corresponding to specified keyletter arguments are changed, and other parameters are left as is.

If a directory is named, *admin* behaves as though each file in the directory was specified as a named file, except that non-SCCS files, as determined by their magic numbers (see *scsfile* (V)), and unreadable files are silently ignored. If a name of "-" is given, the standard input is read; and each line of the standard input is taken to be the name of an SCCS file to be processed. Again non-SCCS files, and unreadable files are silently ignored.

The keyletter arguments are as follows. Each is explained as though only one named file is to be processed, but the effects of any keyletter argument other than *i* and *r* apply independently to each named file.

- d The description, up to 99 characters.
- p The person, up to 13 characters.
- t The type, up to 9 characters.
- n This argument indicates that new files are to be created. This argument must be specified when creating new SCCS files. The *i* argument implies an *n* argument.
- i The name of a file from which the text of an initial delta is taken. If this argument is supplied, but the file name is omitted, then the text is obtained by reading the standard input until an end-of-file is encountered. If this argument is omitted, and the *admin* command creates one or more SCCS files, then their initial deltas must be inserted in the normal manner, using *get* and *delta* (I). Only one SCCS file may be created by an *admin* command on which the *i* argument is supplied.
- r The release into which the initial delta will be inserted. This argument may only be supplied if the *i* argument is also supplied. If this argument is omitted, the initial delta will be inserted into release 1. The level of the initial delta will always be 1.
- c The "ceiling:" the highest release (less than or equal to 9999) which may be specified by the *r* argument on a *get* with an *e* argument. If omitted, the ceiling is 9999.
- f The "floor:" the lowest release (greater than 0) which may be specified by the *r* argument on a *get* with an *e* argument. If omitted, the floor is 1.
- l A release (between 1 and 9999, inclusive) to be locked. Several *l* arguments may be supplied on a single *admin* command, but at most 5 releases may be locked simultaneously. No one can add a delta to a locked release. Note that releases lower than the floor or higher than the ceiling are also effectively locked.
- u A release (previously locked) to be unlocked. Several *u* arguments may be supplied on a single *admin* command.

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- a A login name to be added to the list of logins who may add deltas. Several **a** arguments may be supplied on a single *admin* command. As many logins as desired may be on the list simultaneously. If the list of logins is empty, then anyone may add deltas.
- e A login name (or numerical user **ID**) to be erased from the list of logins. Several **e** arguments may be supplied on a single *admin* command.
- y Default release if the **r** argument is omitted on a *get*. If no default release is specifically set with the **y** argument, or a null or zero value is set with the **y** argument, then the default release is the highest one which actually has a delta. If no releases have deltas, the default release is 1.
- z The **z** keyletter is reserved for SCCS support personnel (those who install and/or maintain SCCS) use only. It should not be used by anyone else.

FILES

Created files have mode 444. Write permission (either explicitly or implicitly) in the pertinent directory is, of course, required to create a file. If an existing file is not writable, an attempt will be made to change its mode to 644 during execution of *admin*, after which its mode will be restored to what it was before execution. Note that the mode can be changed only if the effective user owns the file.

It is recommended that directories containing SCCS files be mode 555 (commands which need to create or remove files will attempt to change the mode of the directory to be writable and searchable, and will afterwards restore the mode to what it was; note that the mode can be changed only if the effective user owns the directory), and that SCCS files themselves be mode 444 (see *chmod* (I)).

SEE ALSO

chmod(I), *get*(I), *delta*(I), *prt*(I), *what*(I), *help*(I), *scsfile*(V)
SCCS/PWB User's Manual
The Source Code Control System

DIAGNOSTICS

Use *help* (I) for explanations.