

**NAME**

**vcs** – version control system utility

**USAGE**

**vcs** [*options*] [*file-specifications*]

**SYNOPSIS**

**Vcs** is a simple, easy to use interface to *rcs* (revision control system).

**DESCRIPTION**

**Vcs** is a source-control tool which can be used by either the configuration manager or developers. Developers should be able to unlock files that they have locked (i.e., with **checkin**), or to add new subdirectories to a configuration, or to delete them.

**Vcs** uses the *rcs* utility to maintain a special file in the "RCS" directory (named "RCS,v"). This file controls permission on the creation or deletion of files -- or of the entire directory.

**OPTIONS**

- d** delete archive-directory leaf. If you are on the access list of the vcs-file within which the directory is appended, and if no files have been archived in the RCS directories within, you may delete the given directories.
- i** insert archive-directory leaf. If you are on the access list of the vcs-file within which the directory is appended, **vcs** will create new archive directories, each of which has an RCS subdirectory.
- n** no-op mode shows the operations that would be performed, but does not attempt them.
- q** quiet mode suppresses messages.
- u** unlock specified files. You must be either the owner of the file, or of at least one lock. If the former, all locks are removed.
- x** direct **vcs** to retain the pathname when translating between working and archive files, e.g, "**path/name**" becomes "**path/RCS/name,v**". If the "**-x**" option is not set, "**path/name**" becomes "**./RCS/name,v**", and "**path/RCS/name,v**" becomes "**./name**".

You must specify exactly one of the options "**-d**", "**-i**" or "**-u**".

**ENVIRONMENT**

**Vcs** is written in C, and runs on POSIX systems.

Environment variables imported by **vcs** include:

**RCS\_DEBUG**

set this variable (e.g., to 1 or 2) to activate debugging-traces in the tool.

**RCS\_DIR**

identifies the name of the RCS subdirectory, and indirectly the name of the **vcs** file within that directory.

**FILES**

**Vcs** uses the following files

- permit** to initialize a new vcs-file (i.e., so that its baseline version is compatible).
- rsc** to copy access lists from a parent directory to a newly-inserted directory.

**ANTICIPATED CHANGES**

None.

**SEE ALSO**

checkin, checkout, ci (1), co (1), rcs (1)

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