NAME
       rcsclean – clean up working files

SYNOPSIS
       rcsclean [*options*] [*file . . .*]

DESCRIPTION
       rcsclean removes files that are not being worked on. **rcsclean −u** also unlocks and removes files that are
       being worked on but have not changed.

       For each *file* given, **rcsclean** compares the working file and a revision in the corresponding RCS file. If it
       finds a difference, it does nothing. Otherwise, it first unlocks the revision if the **−u** option is given, and then
       removes the working file unless the working file is writable and the revision is locked. It logs its actions by
       outputting the corresponding **rcs −u** and **rm −f** commands on the standard output.

       Files are paired as explained in **ci**(1). If no *file* is given, all working files in the current directory are
       cleaned. Filenames matching an RCS suffix denote RCS files; all others denote working files.

       The number of the revision to which the working file is compared may be attached to any of the options **−n**,
       −q, **−r**, or **−u**. If no revision number is specified, then if the **−u** option is given and the caller has one revi-
       sion locked, **rcsclean** uses that revision; otherwise **rcsclean** uses the latest revision on the default branch,
       normally the root.

       rcsclean is useful for **clean** targets in makefiles. See also **rcsdiff**(1), which prints out the differences, and
       ci(1), which normally reverts to the previous revision if a file was not changed.

OPTIONS
       −k*subst*
               Use *subst* style keyword substitution when retrieving the revision for comparison. See **co**(1) for
               details.

       −n[*rev*] Do not actually remove any files or unlock any revisions. Using this option will tell you what
               rcsclean would do without actually doing it.

       −q[*rev*] Do not log the actions taken on standard output.

       −r[*rev*] This option has no effect other than specifying the revision for comparison.

       −T   Preserve the modification time on the RCS file even if the RCS file changes because a lock is
               removed. This option can suppress extensive recompilation caused by a **make**(1) dependency of
               some other copy of the working file on the RCS file. Use this option with care; it can suppress
               recompilation even when it is needed, i.e. when the lock removal would mean a change to
               keyword strings in the other working file.

       −u[*rev*] Unlock the revision if it is locked and no difference is found.

       −V   Print RCS's version number.

       −V*n*   Emulate RCS version *n*. See **co**(1) for details.

       −x*suffixes*
               Use *suffixes* to characterize RCS files. See **ci**(1) for details.

       −z*zone*   Use *zone* as the time zone for keyword substitution; see **co**(1) for details.

EXAMPLES
               rcsclean *.c *.h

       removes all working files ending in **.c** or **.h** that were not changed since their checkout.

               rcsclean

       removes all working files in the current directory that were not changed since their checkout.

FILES
       rcsclean accesses files much as **ci**(1) does.

ENVIRONMENT

    RCSINIT

        Options prepended to the argument list, separated by spaces. A backslash escapes spaces within an option. The **RCSINIT** options are prepended to the argument lists of most RCS commands. Useful **RCSINIT** options include **−q**, **−V**, **−x**, and **−z**.

    RCS_MEM_LIMIT

        An integer *lim*, measured in kilobytes, specifying the threshold under which commands will try to use memory-based operations for processing the RCS file. (For RCS files of size *lim* kilobytes or greater, RCS will use the slower standard input/output routines.) Default value is 256.

    TMPDIR

        Name of the temporary directory. If not set, the environment variables **TMP** and **TEMP** are inspected instead and the first value found is taken; if none of them are set, a host-dependent default is used, typically **/tmp**.

DIAGNOSTICS

    The exit status is zero if and only if all operations were successful. Missing working files and RCS files are silently ignored.

IDENTIFICATION

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SEE ALSO

    ci(1), **co**(1), **ident**(1), **rcs**(1), **rcsdiff**(1), **rcsintro**(1), **rcsmerge**(1), **rlog**(1), **rcsfile**(5).

    Walter F. Tichy, RCS—A System for Version Control, *Software—Practice & Experience* **15**, 7 (July 1985), 637-654.

BUGS

    At least one *file* must be given in older Unix versions that do not provide the needed directory scanning operations.