NAME

rcsdiff − compare RCS revisions

SYNOPSIS

rcsdiff [**−k***subst*] [**−q**] [**−r***rev1* [**−r***rev2*]] [**−T**] [**−V**[*n*]] [**−x***suffixes*] [**−z***zone*] [*diff options*] *file* . . .

DESCRIPTION

rcsdiff runs **diff**(1) to compare two revisions of each RCS file given.

Pathnames matching an RCS suffix denote RCS files; all others denote working files. Names are paired as explained in **ci**(1).

The option **−q** suppresses diagnostic output. Zero, one, or two revisions may be specified with **−r**. The option **−k***subst* affects keyword substitution when extracting revisions, as described in **co**(1); for example, **−kk −r1.1 −r1.2** ignores differences in keyword values when comparing revisions **1.1** and **1.2**. To avoid excess output from locker name substitution, **−kkvl** is assumed if (1) at most one revision option is given, (2) no **−k** option is given, (3) **−kkv** is the default keyword substitution, and (4) the working file's mode would be produced by **co −l**. See **co**(1) for details about **−T**, **−V**, **−x** and **−z**. Otherwise, all options of **diff**(1) that apply to regular files are accepted, with the same meaning as for **diff**.

If both *rev1* and *rev2* are omitted, **rcsdiff** compares the latest revision on the default branch (by default the trunk) with the contents of the corresponding working file. This is useful for determining what you changed since the last checkin.

If *rev1* is given, but *rev2* is omitted, **rcsdiff** compares revision *rev1* of the RCS file with the contents of the corresponding working file.

If both *rev1* and *rev2* are given, **rcsdiff** compares revisions *rev1* and *rev2* of the RCS file.

Both *rev1* and *rev2* may be given numerically or symbolically.

EXAMPLE

The command

rcsdiff f.c

compares the latest revision on the default branch of the RCS file to the contents of the working file **f.c**.

ENVIRONMENT

RCSINIT

options prepended to the argument list, separated by spaces. See **ci**(1) for details.

DIAGNOSTICS

Exit status is 0 for no differences during any comparison, 1 for some differences, 2 for trouble.

IDENTIFICATION

Author: Walter F. Tichy.
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SEE ALSO

ci(1), co(1), diff(1), ident(1), rcs(1), rcsintro(1), rcsmerge(1), rlog(1)
Walter F. Tichy, RCS—A System for Version Control, *Software—Practice & Experience* **15**, 7 (July 1985), 637-654.