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***Rocky Enterprise Linux 9.2 Manual Pages on command 'diff3.1'***

**\$ man diff3.1**

DIFF3(1) User Commands DIFF3(1)

NAME

diff3 - compare three files line by line

SYNOPSIS

diff3 [OPTION]... MYFILE OLDFILE YOURFILE

DESCRIPTION

Compare three files line by line.

Mandatory arguments to long options are mandatory for short options too.

-A, --show-all

output all changes, bracketing conflicts

-e, --ed

output ed script incorporating changes from OLDFILE to YOURFILE into MYFILE

-E, --show-overlap

like -e, but bracket conflicts

-3, --easy-only

like -e, but incorporate only nonoverlapping changes

-x, --overlap-only

like -e, but incorporate only overlapping changes

-X like -x, but bracket conflicts

-i append 'w' and 'q' commands to ed scripts

-m, --merge

output actual merged file, according to -A if no other options are given

-a, --text

treat all files as text

--strip-trailing-cr

strip trailing carriage return on input

-T, --initial-tab

make tabs line up by prepending a tab

--diff-program=PROGRAM

use PROGRAM to compare files

-L, --label=LABEL

use LABEL instead of file name (can be repeated up to three times)

--help display this help and exit

-v, --version

output version information and exit

The default output format is a somewhat human-readable representation of the changes.

The -e, -E, -x, -X (and corresponding long) options cause an ed script to be output instead of the default.

Finally, the -m (--merge) option causes diff3 to do the merge internally and output the actual merged file. For unusual input, this is more robust than using ed.

If a FILE is '-', read standard input. Exit status is 0 if successful, 1 if conflicts, 2 if trouble.

## AUTHOR

Written by Randy Smith.

## REPORTING BUGS

Report bugs to: [bug-diffutils@gnu.org](mailto:bug-diffutils@gnu.org)

GNU diffutils home page: [<https://www.gnu.org/software/diffutils/>](https://www.gnu.org/software/diffutils/)

General help using GNU software: [<https://www.gnu.org/gethelp/>](https://www.gnu.org/gethelp/)

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## SEE ALSO

[cmp\(1\)](#), [diff\(1\)](#), [sdiff\(1\)](#)

The full documentation for diff3 is maintained as a Texinfo manual. If the info and diff3

programs are properly installed at your site, the command

`info diff3`

should give you access to the complete manual.

diffutils 3.8

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