

DIFF3(I)

DIFF3(I)

NAME

diff3 - 3-way differential file comparison

SYNOPSIS

diff3 [-e] [-x] [-3] file1 file2 file3

DESCRIPTION

Diff3 Compares three versions of a file, and publishes disagreeing ranges of text flagged with these codes:

==== all three files differ

====1 *file1* is different

====2 *file2* is different

====3 *file3* is different

The type of change suffered in converting a given range of a given file to some other is indicated in one of these ways:

f: *n1* Text is to be appended after line number *n1* in file *f*, where *f* = 1, 2, or 3.

f: *n1,n2 c* Text is to be changed in the range line *n1* to line *n2*. If *n1* = *n2*, the range may be abbreviated to *n1*.

The original contents of the range is given immediately after a **c** indication. To shorten the output when the original contents of two files are flagged as identical, the contents of the lower-numbered file is suppressed.

Under the **-e** option, *diff3* publishes an editing script that will incorporate into *file1* all changes between *file2* and *file3*, i.e. the changes that normally would be flagged **====** and **====3**. Option **-x** (**-3**) produces a script to incorporate only changes flagged **====** (**====3**). The following command will apply the resulting script to 'file1'.

(cat script; echo "1,\$p") | ed - file1

FILES

d3p[12], where *p* is a process number: temporaries

SEE ALSO

diff(I)

BUGS

Under **-e**, text lines that consist of a single '.' will bomb.