NAME

diff3 – 3-way differential file comparison

SYNOPSIS

diff3 [**–exEX3**] *filename1 filename2 filename3*

AVAILABILITY

SUNWesu

DESCRIPTION

diff3 compares three versions of a file, and publishes disagreeing ranges of text flagged with these codes:

====	all three files differ
====1	*filename1* is different
====2	*filename2* is different
====3	*filename3* 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* **a**	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* = *n*2, the range may be abbreviated to *n1*.

The original contents of the range follows immediately after a **c** indication. When the contents of two files are identical, the contents of the lower-numbered file is suppressed.

The following command will apply the resulting script to *filename1*.

(cat script; echo '1,$p') | **ed** – *filename1*

OPTIONS

–e Produce a script for the editor **ed**(1) that will incorporate into *filename1* all changes between *filename2* and *filename3*, i.e., the changes that normally would be flagged **====** and **====3**.

–x Produce a script to incorporate only changes flagged **====**.

–3 Produce a script to incorporate only changes flagged **====3**.

–E Produce a script that will incorporate all changes between *filename2* and *filename3*, but treat overlapping changes (that is, changes that would be flagged with **====** in the normal listing) differently. The overlapping lines from both files will be inserted by the edit script, bracketed by **<<<<<<** and **>>>>>>** lines.

–X Produce a script that will incorporate only changes flagged **====**, but treat these changes in the manner of the **–E** option.

FILES

/tmp/d3∗
/usr/lib/diff3prog

SEE ALSO **diff**(1)

NOTES Text lines that consist of a single **'.'** will defeat **–e**.

Files longer than 64 Kbytes will not work.