NAME

sdiff – print differences between two files side-by-side

SYNOPSIS

sdiff [**–l**] [**–s**] [**–o** *output*] [**–w** *n*] *filename1 filename2*

AVAILABILITY

SUNWesu

DESCRIPTION

sdiff uses the output of the **diff** command to produce a side-by-side listing of two files indicating lines that are different. Lines of the two files are printed with a blank gutter between them if the lines are identical, a **<** in the gutter if the line appears only in *filename1*, a **>** in the gutter if the line appears only in *filename2*, and a **|** for lines that are different. (See the **EXAMPLES** section below.)

OPTIONS

–l Print only the left side of any lines that are identical.

–s Do not print identical lines.

–o *output*
Use the argument *output* as the name of a third file that is created as a user-controlled merge of *filename1* and *filename2*. Identical lines of *filename1* and *filename2* are copied to *output*. Sets of differences, as produced by **diff**, are printed; where a set of differences share a common gutter character. After printing each set of differences, **sdiff** prompts the user with a **%** and waits for one of the following user-typed commands:

l	Append the left column to the output file.
r	Append the right column to the output file.
s	Turn on silent mode; do not print identical lines.
v	Turn off silent mode.
e l	Call the editor with the left column.
e r	Call the editor with the right column.
e b	Call the editor with the concatenation of left and right.
e	Call the editor with a zero length file.
q	Exit from the program.

On exit from the editor, the resulting file is concatenated to the end of the *output* file.

–w *n* Use the argument *n* as the width of the output line. The default line length is 130 characters.

EXAMPLES

A sample output of **sdiff** follows.

x	**|**	**y**
a		**a**
b	**<**	
c	**<**	
d		**d**
	>	**c**

ENVIRONMENT

If any of the **LC_*** variables (**LC_CTYPE, LC_MESSAGES, LC_TIME, LC_COLLATE, LC_NUMERIC,** and **LC_MONETARY**) (see **environ**(5)) are not set in the environment, the operational behavior of **sdiff** for each corresponding locale category is determined by the value of the **LANG** environment variable. If **LC_ALL** is set, its contents are used to override both the **LANG** and the other **LC_*** variables. If none of the above variables is set in the environment, the "C" (U.S. style) locale determines how **sdiff** behaves.

LC_CTYPE

Determines how **sdiff** handles characters. When **LC_CTYPE** is set to a valid value, **sdiff** can display and handle text and filenames containing valid characters for that locale. **sdiff** can display and handle Extended Unix Code (EUC) characters where any individual character can be 1, 2, or 3 bytes wide. **sdiff** can also handle EUC characters of 1, 2, or more column widths. In the "C" locale, only characters from ISO 8859-1 are valid.

SEE ALSO

diff(1), **ed**(1), **environ**(5)