

NAME

listdiff – Compare two text files and report lines in each not in the other.

SYNOPSIS

`${HOME}/bin/exe/listdiff [1=file1] [2=file2] [3=diffs]`

DESCRIPTION

The program prompts for the name of each file not assigned on the run command; filenames are assumed to be no longer than 24 characters.

It reads file1 and file2 into memory; input lines are assumed to be no more than 256 characters in length, and the number of lines in each file is limited by an array dimension that is set by the parameter NMAX in the source code of the program.

It searches file2 for each line in file1, and writes to file3 any that are not found. Then it searches file1 for each line in file2, and writes to file3 any that are not found.

UNITS and FILES

- 0 error message if either file is too long
- 1 first file
- 2 second file
- 3 differences file
- 5 filename inputs from the keyboard
- 6 message reporting line counts

DIAGNOSTICS

These are the possible return codes.

- 0 no difference was found between the input files
- 1 one file has lines that are not in the other
- 2 each file has lines that are not in the other
- 3 an input file had too many lines

BUGS

If a line is duplicated in one file but not the other this fact will not be evident from the output of the program. Because the files are stored in memory, the capacity of the program is limited by the dimensions of its arrays; to accommodate lines longer than 256 bytes or more lines than the current value of NMAX, it is necessary to modify the source code and recompile the program.

SEE ALSO

diff -y, which compares two files side-by-side

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