NAME

   join - join lines of two files on a common field

SYNOPSIS

   join [*OPTION*]... *FILE1 FILE2*

DESCRIPTION

   For each pair of input lines with identical join fields, write a line to standard output. The default join field is the first, delimited by whitespace. When FILE1 or FILE2 (not both) is -, read standard input.

   -a FILENUM

   also print unpairable lines from file FILENUM, where FILENUM is 1 or 2, corresponding to FILE1 or FILE2

   -e EMPTY

   replace missing input fields with EMPTY

   -i, **--ignore-case**

   ignore differences in case when comparing fields

   -j FIELD

   equivalent to '-1 FIELD **-2** FIELD'

   -o FORMAT

   obey FORMAT while constructing output line

   -t CHAR

   use CHAR as input and output field separator

   -v FILENUM

   like **-a** FILENUM, but suppress joined output lines

   -1 FIELD

   join on this FIELD of file 1

   -2 FIELD

   join on this FIELD of file 2

   --check-order

   check that the input is correctly sorted, even if all input lines are pairable

   --nocheck-order

   do not check that the input is correctly sorted

   --header

   treat the first line in each file as field headers, print them without trying to pair them

   -z, **--zero-terminated**

   line delimiter is NUL, not newline

   --help   display this help and exit

   --version

   output version information and exit

   Unless **-t** CHAR is given, leading blanks separate fields and are ignored, else fields are separated by CHAR. Any FIELD is a field number counted from 1. FORMAT is one or more comma or blank separated specifications, each being 'FILENUM.FIELD' or '0'. Default FORMAT outputs the join field, the remaining fields from FILE1, the remaining fields from FILE2, all separated by CHAR. If FORMAT is the keyword 'auto', then the first line of each file determines the number of fields output for each line.

   Important: FILE1 and FILE2 must be sorted on the join fields. E.g., use sort **-k** 1b,1 if 'join' has no options, or use join **-t** '' if 'sort' has no options. Note, comparisons honor the rules specified by 'LC_COLLATE'. If the input is not sorted and some lines cannot be joined, a warning

message will be given.

AUTHOR

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REPORTING BUGS

GNU coreutils online help: <http://www.gnu.org/software/coreutils/>
Report join translation bugs to <http://translationproject.org/team/>

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SEE ALSO

comm(1), uniq(1)

Full documentation at: <http://www.gnu.org/software/coreutils/join>
or available locally via: info (coreutils) join invocation