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## ***Red Hat Enterprise Linux Release 9.2 Manual Pages on 'join.1' command***

***\$ man join.1***

JOIN(1) User Commands JOIN(1)

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 blanks.

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.

Written by Mike Haertel.

## REPORTING BUGS

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report any translation bugs to <<https://translationproject.org/team/>>

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## SEE ALSO

comm(1), uniq(1)

Full documentation <<https://www.gnu.org/software/coreutils/join>>

or available locally via: info '(coreutils) join invocation'

GNU coreutils 8.32

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