

**NAME**

dos2unix - DOS/MAC to UNIX text file format converter

**SYNOPSIS**

dos2unix [options] [-c convmode] [-o file ...] [-n infile outfile ...]

Options:

[-hkqLV] [--help] [--keepdate] [--quiet] [--license] [--version]

**DESCRIPTION**

Dos2unix converts plain text files in DOS/MAC format to UNIX format.

In DOS/Windows text files line endings exist out of a combination of two characters: a Carriage Return (CR) followed by a Line Feed (LF). In Unix text files line endings exists out of a single Newline character which is equal to a DOS Line Feed (LF) character. In Mac text files, prior to Mac OS X, line endings exist out of a single Carriage Return character. Mac OS X is Unix based and has the same line endings as Unix.

**OPTIONS**

The following options are available:

**-h --help**

Print online help.

**-k --keepdate**

Keep the date stamp of output file same as input file.

**-q --quiet**

Quiet mode. Suppress all warning and messages.

**-L --license**

Print software license.

**-V --version**

Print version information.

**-c --convmode convmode**

Set conversion mode. Where convmode is one of: **ASCII, 7bit, ISO, Mac** with ASCII being the default.

**-o --oldfile file ...**

Old file mode. Convert the file and write output to it. The program default to run in this mode. Wildcard names may be used.

**-n --newfile infile outfile ...**

New file mode. Convert the infile and write output to outfile. File names must be given in pairs and wildcard names should NOT be used or you WILL lost your files.

**CONVERSION MODES**

**ASCII** In this mode DOS line endings are converted to Unix line endings.

Although the name of this mode is ASCII, which is a 7 bit standard, the actual mode is 8 bit.

- Mac** In this mode Mac line endings are converted to Unix line endings.
- 7bit** In this mode DOS line endings are converted to Unix line endings. All 8 bit non-ASCII characters (with values from 128 to 255) are converted to a space.
- ISO** In this mode DOS line endings are converted to Unix line endings. The conversion of 8 bit non-ASCII characters (with values from 128 to 255) is unclear. Benjamin used this probably to convert between DOS character set CP437 and a character set he was using on SunOS in 1995. In this mode some characters are translated from DOS code page CP437 to ISO-8859-1 (Latin1), but for several others it's not clear.

The ISO conversion mode is kept for legacy reasons. To convert text files between different encodings it's better to use dos2unix in combination with iconv(1). Some examples:

Convert from DOSLatinUS to Unix Latin-1

```
iconv -f CP437 -t ISO-8859-1 in.txt | dos2unix > out.txt
```

Convert from DOSLatin1 to Unix Latin-1

```
iconv -f CP850 -t ISO-8859-1 in.txt | dos2unix > out.txt
```

Convert from WinLatin1 to Unix Latin-1

```
iconv -f CP1252 -t ISO-8859-1 in.txt | dos2unix > out.txt
```

See also <<http://czyborra.com/charsets/codepages.html>>  
and <<http://czyborra.com/charsets/iso8859.html>>.

## EXAMPLES

Get input from stdin and write output to stdout.

```
dos2unix
```

Convert and replace a.txt. Convert and replace b.txt.

```
dos2unix a.txt b.txt
```

```
dos2unix -o a.txt b.txt
```

Convert and replace a.txt in ASCII conversion mode.

```
dos2unix a.txt
```

Convert and replace a.txt in ASCII conversion mode. Convert and replace b.txt in 7bit conversion mode.

```
unix2dos a.txt -c 7bit b.txt
```

```
unix2dos -c ascii a.txt -c 7bit b.txt
```

Convert a.txt from Mac to Unix format.

```
dos2unix -c mac a.txt
```

```
mac2unix a.txt
```

Convert and replace a.txt while keeping original date stamp.

**dos2unix -k a.txt**

**dos2unix -k -o a.txt**

Convert a.txt and write to e.txt.

**dos2unix -n a.txt e.txt**

Convert a.txt and write to e.txt, keep date stamp of e.txt same as a.txt.

**dos2unix -k -n a.txt e.txt**

Convert and replace a.txt. Convert b.txt and write to e.txt.

**dos2unix a.txt -n b.txt e.txt**

**dos2unix -o a.txt -n b.txt e.txt**

Convert c.txt and write to e.txt. Convert and replace a.txt. Convert and replace b.txt. Convert d.txt and write to f.txt.

**dos2unix -n c.txt e.txt -o a.txt b.txt -n d.txt f.txt**

## AUTHORS

Benjamin Lin - <blin@socs.uts.edu.au>

Bernd Johannes Wuebben (mac2unix mode) <wuebben@kde.org>

Erwin Waterlander <waterlan@xs4all.nl>

Project page: <http://www.xs4all.nl/~waterlan/#DOS2UNIX>

SourceForge page: <http://sourceforge.net/projects/dos2unix/>

Freshmeat: <http://freshmeat.net/projects/dos2unix>

## SEE ALSO

unix2dos(1) mac2unix(1) iconv(1)