NAME
dos2unix − DOS/MAC to UNIX text file format converter

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

Options:

[−fhkLlqV] [−−force] [−−help] [−−keepdate] [−−license] [−−newline] [−−quiet] [−−version]

DESCRIPTION
Dos2unix converts plain text files in DOS/MAC format to UNIX format. Binary files and non-regular files, such as soft links, are automatically skipped, unless conversion is forced.

Dos2unix has a few conversion modes similar to dos2unix under SunOS/Solaris.

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:

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

−f −−force
> Force conversion of all files. Also binary files.

−h −−help
> Print online help.

−k −−keepdate
> Keep the date stamp of output file same as input file.

−L −−license
> Print software license.

−l −−newline
> Add additional newline in all but Mac convmode.

−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 lose your files.

−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.

−q −−quiet
> Quiet mode. Suppress all warning and messages.

−V −−version
> Print version information.

CONVERSION MODES

Conversion modes **ASCII** , **7bit** , and **ISO** are similar to those of dos2unix under SunOS/Solaris.

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. Characters are converted from DOS character set (code page) CP437 to ISO character set ISO-8859-1. CP437 characters without ISO-8859-1 equivalent, for which conversion is not possible, are converted to a dot. CP437 is mainly used in the USA. In Western Europe CP850 is more standard.

> Another option to convert text files between different encodings is to use dos2unix in combination with iconv(1). Iconv can convert between a long list of character encodings. Some examples:

> Convert from DOS DOSLatinUS to Unix Latin-1

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

> Convert from DOS DOSLatin1 to Unix Latin-1

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

> Convert from Windows WinLatin1 to Unix Latin-1

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

> Convert from Windows WinLatin1 to Unix UTF-8 (Unicode)

> **iconv −f CP1252 −t UTF-8 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**

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Project page: http://www.xs4all.nl/˜waterlan/dos2unix.html

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

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

SEE ALSO

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