

NAME

ExtUtils::MM_Win32 - methods to override UN*X behaviour in ExtUtils::MakeMaker

SYNOPSIS

use ExtUtils::MM_Win32; # Done internally by ExtUtils::MakeMaker if needed

DESCRIPTION

See ExtUtils::MM_Unix for a documentation of the methods provided there. This package overrides the implementation of these methods, not the semantics.

Overridden methods

dlsyms

replace_manpage_separator

Changes the path separator with .

maybe_command

Since Windows has nothing as simple as an executable bit, we check the file extension.

The PATHEXT env variable will be used to get a list of extensions that might indicate a command, otherwise .com, .exe, .bat and .cmd will be used by default.

init_DIRFILESEP

Using \ for Windows.

init others

Override some of the Unix specific commands with portable ExtUtils::Command ones.

Also provide defaults for LD and AR in case the %Config values aren't set.

LDLOADLIBS's default is changed to \$Config{libs}.

Adjustments are made for Borland's guirks needing -L to come first.

init_platform

Add MM Win32 VERSION.

platform_constants

special_targets

Add .USESHELL target for dmake.

static_lib

Changes how to run the linker.

The rest is duplicate code from MM_Unix. Should move the linker code to its own method.

dynamic_lib

Complicated stuff for Win32 that I don't understand. :(

extra_clean_files

Clean out some extra dll.{base,exp} files which might be generated by gcc. Otherwise, take out all *.pdb files.

init linker

perl_script

Checks for the perl program under several common perl extensions.

XS_O



This target is stubbed out. Not sure why.

pasthru

All we send is -nologo to nmake to prevent it from printing its damned banner.

oneliner

These are based on what command.com does on Win98. They may be wrong for other Windows shells, I don't know.

cd

dmake can handle Unix style cd'ing but nmake (at least 1.5) cannot. It wants:

```
cd dir
command
another_command
cd ..
```

NOTE: This only works with simple relative directories. Throw it an absolute dir or something with .. in it and things will go wrong.

```
max_exec_len
```

nmake 1.50 limits command length to 2048 characters.

os flavor

Windows is Win32.

cflags

Defines the PERLDLL symbol if we are configured for static building since all code destined for the perl5xx.dll must be compiled with the PERLDLL symbol defined.