NAME

Module::Build::Platform::VMS - Builder class for VMS platforms

DESCRIPTION

This module inherits from `Module::Build::Base` and alters a few minor details of its functionality. Please see *Module::Build* for the general docs.

Overridden Methods

_set_defaults

Change $self->{build_script} to 'Build.com' so @Build works.

cull_args

'@Build foo' on VMS will not preserve the case of 'foo'. Rather than forcing people to write '@Build "foo"' we'll dispatch case-insensitively.

manpage_separator

Use '__' instead of '::'.

prefixify

Prefixify taking into account VMS' filepath syntax.

_quote_args

Command-line arguments (but not the command itself) must be quoted to ensure case preservation.

have_forkpipe

There is no native fork(), so some constructs depending on it are not available.

_backticks

Override to ensure that we quote the arguments but not the command.

find_command

Local an executable program

_maybe_command (override)

Follows VMS naming conventions for executable files. If the name passed in doesn't exactly match an executable file, appends *.Exe* (or equivalent) to check for executable image, and *.Com* to check for DCL procedure. If this fails, checks directories in DCL$PATH and finally *Sys$System:* for an executable file having the name specified, with or without the *.Exe* -equivalent suffix.

do_system

Override to ensure that we quote the arguments but not the command.

oneliner

Override to ensure that we do not quote the command.

_infer_xs_spec

Inherit the standard version but tweak the library file name to be something Dynaloader can find.

rscan_dir

Inherit the standard version but remove dots at end of name. If the extended character set is in effect, do not remove dots from filenames with Unix path delimiters.

dist_dir

Inherit the standard version but replace embedded dots with underscores because a dot is the directory delimiter on VMS.

man3page_name

Inherit the standard version but chop the extra manpage delimiter off the front if there is one. The VMS version of splitdir('[.foo]') returns '', 'foo'.

expand_test_dir

Inherit the standard version but relativize the paths as the native glob() doesn't do that for us.

_detildefy

The home-grown glob() does not currently handle tildes, so provide limited support here. Expect only UNIX format file specifications for now.

find_perl_interpreter

On VMS, $^X returns the fully qualified absolute path including version number. It's logically impossible to improve on it for getting the perl we're currently running, and attempting to manipulate it is usually lossy.

localize_file_path

Convert the file path to the local syntax

localize_dir_path

Convert the directory path to the local syntax

ACTION_clean

The home-grown glob() expands a bit too aggressively when given a bare name, so default in a zero-length extension.

AUTHOR

Michael G Schwern <schwern@pobox.com> Ken Williams <kwilliams@cpan.org> Craig A. Berry <craigberry@mac.com>

SEE ALSO

perl(1), Module::Build(3), ExtUtils::MakeMaker(3)