

NAME

File::Spec::VMS - methods for VMS file specs

SYNOPSIS

```
require File::Spec::VMS; # Done internally by File::Spec if needed
```

DESCRIPTION

See File::Spec::Unix for a documentation of the methods provided there. This package overrides the implementation of these methods, not the semantics.

eliminate_macros

Expands MM[KS]/Make macros in a text string, using the contents of identically named elements of %\$self, and returns the result as a file specification in Unix syntax.

fixpath

Catchall routine to clean up problem MM[SK]/Make macros. Expands macros in any directory specification, in order to avoid juxtaposing two VMS-syntax directories when MM[SK] is run. Also expands expressions which are all macro, so that we can tell how long the expansion is, and avoid overrunning DCL's command buffer when MM[KS] is running.

If optional second argument has a TRUE value, then the return string is a VMS-syntax directory specification, if it is FALSE, the return string is a VMS-syntax file specification, and if it is not specified, fixpath() checks to see whether it matches the name of a directory in the current default directory, and returns a directory or file specification accordingly.

Methods always loaded

canonpath (override)

Removes redundant portions of file specifications according to VMS syntax.

catdir

Concatenates a list of file specifications, and returns the result as a VMS-syntax directory specification. No check is made for "impossible" cases (e.g. elements other than the first being absolute filespecs).

catfile

Concatenates a list of file specifications, and returns the result as a VMS-syntax file specification.

curdir (override)

Returns a string representation of the current directory: '[]'

devnull (override)

Returns a string representation of the null device: '_NLA0:'

rootdir (override)

Returns a string representation of the root directory: 'SYS\$DISK:[000000]'

tmpdir (override)

Returns a string representation of the first writable directory from the following list or "" if none are writable:

```
sys$scratch:  
$ENV{TMPDIR}
```

Since perl 5.8.0, if running under taint mode, and if \$ENV{TMPDIR} is tainted, it is not used.

`updir` (override)

Returns a string representation of the parent directory: `[-]`

`case_tolerant` (override)

VMS file specification syntax is case-tolerant.

`path` (override)

Translate logical name `DCL$PATH` as a searchlist, rather than trying to `split` string value of `$ENV{ 'PATH' }`.

`file_name_is_absolute` (override)

Checks for VMS directory spec as well as Unix separators.

`splitpath` (override)

Splits using VMS syntax.

`splitdir` (override)

Split `dirs` spec using VMS syntax.

`catpath` (override)

Construct a complete filespec using VMS syntax

`abs2rel` (override)

Use VMS syntax when converting filespecs.

`rel2abs` (override)

Use VMS syntax when converting filespecs.

SEE ALSO

See `File::Spec` and `File::Spec::Unix`. This package overrides the implementation of these methods, not the semantics.

An explanation of VMS file specs can be found at

http://h71000.www7.hp.com/doc/731FINAL/4506/4506pro_014.html#apps_locating_naming_files.