

## 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.

The default behavior is to allow either VMS or Unix syntax on input and to return VMS syntax on output, even when Unix syntax was given on input.

When used with a Perl of version 5.10 or greater and a CRTL possessing the relevant capabilities, override behavior depends on the CRTL features `DECC$FILENAME_UNIX_REPORT` and `DECC$EFS_CHARSET`. When the `DECC$EFS_CHARSET` feature is enabled and the input parameters are clearly in Unix syntax, the output will be in Unix syntax. If `DECC$FILENAME_UNIX_REPORT` is enabled and the output syntax cannot be determined from the input syntax, the output will be in Unix syntax.

canonpath (override)

Removes redundant portions of file specifications according to the syntax detected.

catdir (override)

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

catfile (override)

Concatenates a list of directory specifications with a filename specification to build a path.

curdir (override)

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

devnull (override)

Returns a string representation of the null device: `'_NLA0:'` or `'/dev/null'`

rootdir (override)

Returns a string representation of the root directory: `'SYS$DISK:[0000000]'` or `/'`

tmpdir (override)

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

```
/tmp if C<DECC$FILENAME_UNIX_REPORT> is enabled.
sys$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: `['-']` or `['..']`

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)

```
($volume,$directories,$file) = File::Spec->splitpath( $path );
($volume,$directories,$file) = File::Spec->splitpath( $path,
$no_file );
```

Passing a true value for `$no_file` indicates that the path being split only contains directory components, even on systems where you can usually (when not supporting a foreign syntax) tell the difference between directories and files at a glance.

`splitdir` (override)

Split a directory specification into the components.

`catpath` (override)

Construct a complete filespec.

`abs2rel` (override)

Attempt to convert a file specification to a relative specification. On a system with volumes, like VMS, this may not be possible.

`rel2abs` (override)

Return an absolute file specification from a relative one.

## COPYRIGHT

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