

## NAME

CPANPLUS::Internals::Utils - convenience functions for CPANPLUS

## SYNOPSIS

```
my $bool = $cb->_mkdir( dir => 'blah' );
my $bool = $cb->_chdir( dir => 'blah' );
my $bool = $cb->_rmdir( dir => 'blah' );

my $bool = $cb->_move( from => '/some/file', to => '/other/file' );
my $bool = $cb->_move( from => '/some/dir', to => '/other/dir' );

my $cont = $cb->_get_file_contents( file => '/path/to/file' );

my $version = $cb->_perl_version( perl => $^X );
```

## DESCRIPTION

CPANPLUS::Internals::Utils holds a few convenience functions for CPANPLUS libraries.

## METHODS

### **`$cb->_mkdir( dir => '/some/dir' )`**

`_mkdir` creates a full path to a directory.

Returns true on success, false on failure.

### **`$cb->_chdir( dir => '/some/dir' )`**

`_chdir` changes directory to a dir.

Returns true on success, false on failure.

### **`$cb->_rmdir( dir => '/some/dir' );`**

Removes a directory completely, even if it is non-empty.

Returns true on success, false on failure.

### **`$cb->_perl_version ( perl => 'some/perl/binary' );`**

`_perl_version` returns the version of a certain perl binary. It does this by actually running a command.

Returns the perl version on success and false on failure.

### **`$cb->_version_to_number( version => $version );`**

Returns a proper module version, or '0.0' if none was available.

### **`$cb->_whoami`**

Returns the name of the subroutine you're currently in.

### **`_get_file_contents( file => $file );`**

Returns the contents of a file

### **`$cb->_move( from => $file$dir, to => $target );`**

Moves a file or directory to the target.

Returns true on success, false on failure.

**`$cb->_copy( from => $file|$dir, to => $target );`**

Moves a file or directory to the target.

Returns true on success, false on failure.

**`$cb->_mode_plus_w( file => '/path/to/file' );`**

Sets the +w bit for the file.

Returns true on success, false on failure.

**`$uri = $cb->_host_to_uri( scheme => SCHEME, host => HOST, path => PATH );`**

Turns a CPANPLUS::Config style `host` entry into an URI string.

Returns the uri on success, and false on failure

**`$cb->_vcmp( VERSION, VERSION );`**

Normalizes the versions passed and does a '<=>' on them, returning the result.

**`$cb->_home_dir`**

Returns the user's homedir, or `cwd` if it could not be found

**`$path = $cb->_safe_path( path => $path );`**

Returns a path that's safe to us on Win32 and VMS.

Only cleans up the path on Win32 if the path exists.

On VMS, it encodes dots to `_` using `VMS::Filespec::vmsify`

**`($pkg, $version, $ext) = $cb->_split_package_string( package => PACKAGE_STRING );`**

Splits the name of a CPAN package string up into its package, version and extension parts.

For example, `Foo-Bar-1.2.tar.gz` would return the following parts:

```
Package:    Foo-Bar
Version:    1.2
Extension:  tar.gz
```