

## NAME

FileUtil

## SYNOPSIS

```
use FileUtil;

use FileUtil qw(:all);
```

## DESCRIPTION

FileUtil module provides the following functions:

CheckFileType, ConvertCygwinPath, ExpandFileNames, FileModificationTimeAndDate, FileSize, FormatFileSize, FormattedFileModificationTimeAndDate, GetMayaChemToolsLibDirName, GetUsageFromPod, ParseFileName

## FUNCTIONS

## CheckFileType

```
$Status = CheckFileType($FileName, $FileExts);
```

Based on *FileExts*, decides type of *FileName* and return 1 or 0

## ConvertCygwinPath

```
$NewPath = ConvertCygwinPath($Path);
```

Check to see whether *Path* contains any Cygwin drive specification and convert it into Windows path

## ExpandFileNames

```
@FilesList = ExpandFileNames(\@Files, $FileExts);
```

For each directory name in *Files*, generate all file names which correspond to extensions in *FileExts* and return an array FileList containing these file names

## FormattedFileModificationTimeAndDate

```
($TimeString, $DateString) =
  FormattedFileModificationTimeAndDate($FileName);
```

Returns a formatted time and date string corresponding to *FileName* modification time

## FileModificationTimeAndDate

```
($Hours, $Mins, $Secs, $DayName, $MonthName, $Month, $Year) =
  FileModificationTimeAndDate($FileName);
```

Returns file modification time and date values for specified *FileName*

## FormatFileSize

```
$FormattedSize= FormatFileSize($Size, [$Precision]);
```

Formats the file size in bytes to human readable value and returns a formatted file size string

## FileSize

```
$Size= FileSize($FileName);
```

Returns size of *FileName* in bytes

## GetUsageFromPod

```
$ScriptUsage = GetUsageFromPod($AbsolutePath);
```

Generates a ScriptUsage string from pod documentation in the script file using pod2text or perdoc.bat Perl utilities

## ParseFileName

```
($FileDir, $FileName, $FileExt) = ParseFileName($FullFileName);
```

Splits *FullFileName* into directory name, file name, and extension. FileDir is set to NULL for absent directory name in *FullFileName*

## AUTHOR

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**SEE ALSO**

TextUtil.pm

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