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**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*

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SEE ALSO

TextUtil.pm

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