NAME

TimeUtil

SYNOPSIS

use TimeUtil;

use TimeUtil qw(:all);

DESCRIPTION

TimeUtil module provides the following functions:

CTimeStamp, FPFileTimeStamp, ISO8601Date, ISO8601Time, ISO8601TimeStamp, MonthNameToNumber, MonthNumberToAbbreviatedName, MonthNumberToFullName, PDBFileTimeStamp, SDFileTimeStamp, TimeStamp, WeekDayNameToNumber, WeekDayNumberToAbbreviatedName, WeekDayNumberToFullName

FUNCTIONS

CTimeStamp

```
$CTimeStamp = CTimeStamp();
```

Returns CTimeStamp string using the following format: WDay Mon MDay HH:MM:SS YYYY

FPFileTimeStamp

```
$FPFileTimeStamp = FPFileTimeStamp();
```

Returns fingerints FP file time stamp string for MayaChemTools package. It corresponds to CTimeStamp.

ISO8601Date

```
$Date = ISO8601Date();
```

Returns ISO8601 Date string using the following format: [YYYY]-[MM]-[DD]

ISO8601Time

```
$Time = ISO8601Time();
```

Returns ISO8601 Time string using the following extended format: [hh]:[mm]:[ss]

ISO8601TimeStamp

```
$TimeStamp = ISO8601TimeStamp();
```

Returns ISO8601 TimeStamp string using the following extended format: [YYYY]-[MM]-[DD]T[hh]:[mm]:[ss]

MonthNameToNumber

```
$Number = MonthNameToNumber($Name);
```

Return month Number for full month *Name* or three letter abbreviated month *Name*.

MonthNumberToAbbreviatedName

```
$AbbrevMonthName = MonthNumberToAbbreviatedName($Number);
```

Returns three letter AbbrevMonthName for month *Number*.

MonthNumberToFullName

```
$Name = MonthNumberToFullName($Number);
```

Returns full month Name for month *Number*.

PDBFileTimeStamp

```
$TimeStamp = PDBFileTimeStamp();
```

Returns PDB file TimeStamp using the following format: DD-MMM-YY

SDFileTimeStamp

```
$TimeStamp = SDFileTimeStamp();
```

Returns SD file TimeStamp using the following format: MMDDYYHHMM

TimeStamp

```
$TimeStamp = TimeStamp();
```

Returns deafult *TimeStamp* for MayaChemTools. It corresponds to CTimeStamp.

WeekDayNameToNumber

```
$Number = WeekDayNameToNumber($Name);
```

Returns week day Number from full week day *Name* or three letter abbreviated week day *Name*.

WeekDayNumberToAbbreviatedName

```
$Name = WeekDayNumberToAbbreviatedName($Number);
```

Returns three letter abbreviates week day Name for week day *Number*.

WeekDayNumberToFullName

```
$Name = WeekDayNumberToFullName($Number);
```

Returns full week day Name for week day *Number*.

AUTHOR

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SEE ALSO

FileUtil.pm, TextUtil.pm

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