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Rocky Enterprise Linux 9.2 Manual Pages on command 'Time::gmtime.3perl'

\$ man Time::gmtime.3perl

Time::gmtime(3perl) Perl Programmers Reference Guide Time::gmtime(3perl)

NAME

Time::gmtime - by-name interface to Perl's built-in gmtime() function

SYNOPSIS

```
use Time::gmtime;

$gm = gmtime();

printf "The day in Greenwich is %s\n",
    (qw(Sun Mon Tue Wed Thu Fri Sat Sun))[ $gm->wday() ];

use Time::gmtime qw(:FIELDS);

gmtime();

printf "The day in Greenwich is %s\n",
    (qw(Sun Mon Tue Wed Thu Fri Sat Sun))[ $tm_wday ];

$now = gmctime();

use Time::gmtime;

use File::stat;

$date_string = gmctime(stat($file)->mtime);
```

DESCRIPTION

This module's default exports override the core `gmtime()` function, replacing it with a version that returns `Time::tm` objects. This object has methods that return the similarly named structure field name from the C's `tm` structure from `time.h`; namely `sec`, `min`, `hour`, `mday`, `mon`, `year`, `wday`, `yday`, and `isdst`.

You may also import all the structure fields directly into your namespace as regular variables using the `:FIELDS` import tag. (Note that this still overrides your core functions.) Access these fields as variables named with a preceding `"tm_"` in front their method names. Thus, `"$tm_obj->mday()`" corresponds to `$tm_mday` if you import the fields.

The `gmctime()` function provides a way of getting at the scalar sense of the original `CORE::gmtime()` function.

To access this functionality without the core overrides, pass the `"use"` an empty import list, and then access function functions with their full qualified names. On the other hand, the built-ins are still available via the `"CORE::"` pseudo-package.

NOTE

While this class is currently implemented using the `Class::Struct` module to build a struct-like class, you shouldn't rely upon this.

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