

**NAME**

Dancer2::Core::Time – class to handle common helpers for time manipulations

**VERSION**

version 0.160003

**SYNOPSIS**

```
my $time = Dancer2::Core::Time->new( expression => "1h" );
$time->seconds; # return 3600
```

**DESCRIPTION**

For consistency, whenever something needs to work with time, it needs to be expressed in seconds, with a timestamp. Although it's very convenient for the machine and calculations, it's not very handy for a human-being, for instance in a configuration file.

This class provides everything needed to translate any human-understandable expression into a number of seconds.

**ATTRIBUTES****seconds**

Number of seconds represented by the object. Defaults to 0.

**epoch**

The current epoch to handle. Defaults to seconds + time.

**gmt\_string**

Convert the current value in epoch as a GMT string.

**expression**

Required. A human readable expression representing the number of seconds to provide.

The format supported is a number followed by an expression. It currently understands:

```
s second seconds sec secs
m minute minutes min mins
h hr hour hours
d day days
w week weeks
M month months
y year years
```

Months and years are currently fixed at 30 and 365 days. This may change. Anything else is used verbatim as the expression of a number of seconds.

Example:

```
2 hours, 3 days, 3d, 1 week, 3600, etc...
```

**AUTHOR**

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