

# timefromfat

WMPRO, WMMINI FW >= 1.0 WMMEGA FW >= 2.0

Convert a FAT **filetime** to a Linux timestamp

## Description

```
int timefromfat ( int $filetime )
```

## Parameter

**\$filetime**: A FAT File Timestamp, seconds since January 1, 1980, 00:00:00, local Wattmon time

## Return Value

**Integer**: A Linux timestamp, seconds since January 1, 1970, 00:00:00, local Wattmon time

## Notes

Unlike mainline PHP, in uPHP "Linux timestamps" are based upon the Wattmon's local time, not UTC/GMT.

Technically, the Unix Epoch is defined as being January 1, 1970, 00:00:00 *GMT*. But on the Wattmon, timestamps are relative to January 1, 1970, 00:00:00 *local timezone*.

If the Wattmon clock and timezone are set to UTC+00 (GMT) then the uPHP timestamp *is* the same as mainline PHP, otherwise not.

In uPHP on the Wattmon this simplification is referred to as a "Linux timestamp" but it should be noted that it may not be exactly the same, depending on the Wattmon's timezone settings.

In other words: Wattmon "Linux timestamps" are based upon local Wattmon time and are not adjusted by the timezone setting in Control Panel > Time Settings (Time and Date Settings) > UTC Offset. (These settings are stored in `/config/time.ini`.)

## Functions that Return a FAT File Timestamp

**findFirst()** - Start searching the current folder for files matching a pattern and attributes

**findnext()** - Return next matching file information (after a findfirst)

## See Also

[FAT timestamp of last save](#)

[microtime\(\)](#) - Return number of milliseconds since boot

[mktime\(\)](#) - Return Linux timestamp for a given date and time

[settime\(\)](#) - Set the system time from a Linux timestamp, with optional calibration

[strftime\(\)](#) - Format a Linux timestamp using a format **string**

[time\(\)](#) - Return current system timestamp

[uptime\(\)](#) - Return uptime in milliseconds

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