

Getting the Current Date and Time

Returns the current date and time in the specified format.

```
echo date("Y-m-d"); // Output: 2024-11-18 (current date)
echo date("H:i:s"); // Output: 14:30:45 (current time)
```

Returns the current timestamp (number of seconds since Unix Epoch, January 1, 1970).

```
echo time(); // Output: 1732045845
```

Formatting Dates

- Y - Full year (e.g., 2024)
- m - Month (01 to 12)
- d - Day of the month (01 to 31)
- H - 24-hour format (00 to 23)
- i - Minutes (00 to 59)
- s - Seconds (00 to 59)
- l - Full weekday name (e.g., Monday)
- F - Full month name (e.g., November)

```
echo date("Y-m-d H:i:s");
echo date("l, F j, Y");
```

Working with Timestamps

Generates a Unix timestamp for a specific date and time.

```
$timestamp = mktime(14, 30, 0, 11, 18, 2024);
echo date("Y-m-d H:i:s", $timestamp);
```

Parses an English textual datetime description into a Unix timestamp.

```
echo date("Y-m-d H:i:s", strtotime("next Monday")); // Output: 2024-11-25 00:00:00
echo date("Y-m-d H:i:s", strtotime("yesterday")); // Output: 2024-11-17 00:00:00
```

Date and Time Difference

```
$date1 = date_create("2024-11-18");
$date2 = date_create("2024-12-25");
```

```
$diff = date_diff($date1, $date2);
echo $diff->format("%R%a days"); // Output: +37 days
```

Getting Time-zone Information

Gets the default timezone.

```
echo date_default_timezone_get();
```

Sets the default timezone.

```
date_default_timezone_set("America/New_York"); echo date("Y-m-d H:i:s");
```