Cheatography

# PHPUnit 10 Assertions Cheat Sheet

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## PHPUnit Introduction

| | |
|---|---|
| Description | PHPUnit is a programmer-oriented testing framework for PHP. |
| Homepage | https://phpunit.de/index.html |
| Docs | https://phpunit.readthedocs.io/en/10.0/ |

## PHPUnit 10 Example Test

```
<?php declare(strict_types=1);
use PHPUni t\F ram ewo rk \Tes tCase;
final class exampl eTest extends TestCase
{
        public function testBa sic Exa mple(): void
       {
                $th is- >as ser tTr ue( true);
       }
}
```

## PHPUnit 10 Composer Commands

Include PHPUnit 10 With Composer

```
$ composer require --dev phpuni t/p hpunit ^10
```

Check your PHPUnit Version

```
$ ./vend or/ bin /ph punit --version
```

Run PHPUnit Tests

```
$./vendor/bin/phpunit tests
```

## PHPUnit String Format Placeholders

| Placeholder | Meaning |
|---|---|
| %e | Directory separator |
| %s | One or more of anything except end of line |
| %S | Zero or more of anything except end of line |
| %a | One or more of anything including end of line |
| %A | Zero or more of anything including end of line |
| %w | Zero or more white space characters. |
| %i | A signed integer value |
| %d | An unsigned integer value |
| %x | One or more hexadecimal character. |
| %f | A floating point number |
| %c | Any single character |
| %% | A literal percent character |

## Basic Tests

| | |
|---|---|
| assertTrue | (bool $condi tion[, string $message = |
| assertNotTrue | (bool $condi tion[, string $message = |
| assertFalse | (bool $condi tion[, string $message = |
| assertNotFalse | (bool $condi tion[, string $message = |
| assertEmpty | (mixed $actual[, string $message = ' |
| assertNotEmpty | (mixed $actual[, string $message = ' |

## Numeric Tests

| | |
|---|---|
| assert Gre ate rThan | (mixed $expected, mixed $a |
| assert Gre ate rTh anO r Equal | (mixed $expected, mixed $a |
| assert Les sThan | (mixed $expected, mixed $a |
| assert Les sTh anO rEqua l | (mixed $expected, mixed $a |




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