

PHPUnit 10 for Symfony Developers

Sebastian Bergmann





- **Sebastian** since 1978
- **Computers** since 1990
- **PHP** since 1998
- **Open Source** since 1998
- **PHPUnit** since 2000
- **thePHP.cc** since 2009

**Can you
keep a
secret ?**

Documentation

[Book](#)
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[Cloud](#)

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The PHPUnit Bridge

[Edit this page](#)

The PHPUnit Bridge provides utilities to report legacy tests and usage of deprecated code and helpers for mocking native functions related to time, DNS and class existence.

It comes with the following features:

- Sets by default a consistent locale (`C`) for your tests (if you create locale-sensitive tests, use PHPUnit's `setLocale()` method);
- Auto-register `class_exists` to load Doctrine annotations (when used);
- It displays the whole list of deprecated features used in the application;
- Displays the stack trace of a deprecation on-demand;
- Provides a `ClockMock`, `DnsMock` and `ClassExistsMock` classes for tests sensitive to time, network or class existence;
- Provides a modified version of PHPUnit that allows:
 1. separating the dependencies of your app from those of phpunit to prevent any unwanted constraints to apply;
 2. running tests in parallel when a test suite is split in several phpunit.xml files;
 3. recording and replaying skipped tests;
- It allows to create tests that are compatible with multiple PHPUnit versions (because it provides polyfills for missing methods, namespaced aliases for non-namespaced classes, etc.).

Version: 7.0 (current)

 Symfony 7.0 is [backed](#) by


The life jacket for your team and your project



Check Code Performance in Dev, Test, Staging & Production

„The PHPUnit Bridge provides utilities to report legacy tests and usage of deprecated code and helpers for mocking native functions related to time, DNS and class existence.”

https://symfony.com/doc/current/components/phpunit_bridge.html

„The PHPUnit Bridge [f]orces the tests to use a consistent locale (C) (if you create locale-sensitive tests, use PHPUnit's setLocale() method)”

https://symfony.com/doc/current/components/phpunit_bridge.html

- The goal seems reasonable to me
- I believe that the problem can be solved in a less complex way
- Warning: `TestCase::setLocale()` is deprecated

„The PHPUnit Bridge [a]uto-register[s] class_exists to load Doctrine annotations (when used)”

https://symfony.com/doc/current/components/phpunit_bridge.html

- The problem this aims to solve no longer exists, as far as I understand

„The PHPUnit Bridge [d]isplays the whole list of deprecated features used in the application”

https://symfony.com/doc/current/components/phpunit_bridge.html

- Very useful!
- Not possible without an extension for PHPUnit before PHPUnit 10.3
- Teaser: We will come back to this

„The PHPUnit Bridge [d]isplays the stack trace of a deprecation on-demand”

https://symfony.com/doc/current/components/phpunit_bridge.html

- For me, this is inseparable from the previous feature

„The PHPUnit Bridge [p]rovides a ClockMock, DnsMock and ClassExistsMock classes for tests sensitive to time, network or class existence”

https://symfony.com/doc/current/components/phpunit_bridge.html

- Useful to have interfaces for Clock, etc.
- Useful to have special implementations of Clock, etc. for testing
- I would call such implementations Fake, not Mock

„The PHPUnit Bridge [p]rovides a modified version of PHPUnit that allows [...] separating the dependencies of your app from those of phpunit to prevent any unwanted constraints to apply”

https://symfony.com/doc/current/components/phpunit_bridge.html

-
- The problem is real (and important)
 - I believe that using the PHPUnit PHAR is the better solution

Details: <https://docs.phpunit.de/en/10.5/installation.html#phar-or-composer>

„The PHPUnit Bridge [p]rovides a modified version of PHPUnit that allows [...] running tests in parallel when a test suite is split in several phpunit.xml files”

https://symfony.com/doc/current/components/phpunit_bridge.html

- For parallel test execution, I recommend a specialized solution like paratest or paraunit

„The PHPUnit Bridge [p]rovides a modified version of PHPUnit that allows [...] recording and replaying skipped tests”

https://symfony.com/doc/current/components/phpunit_bridge.html

- PHPUnit offers similar functionality by default

„The PHPUnit Bridge allows to create tests that are compatible with multiple PHPUnit versions (because it provides polyfills for missing methods, namespaced aliases for non-namespaced classes, etc.)”

https://symfony.com/doc/current/components/phpunit_bridge.html

- The problem, which this wants to solve, does not exist since PHPUnit 8 anymore (IMHO)

„The PHPUnit Bridge [d]isplays the whole list of deprecated features used in the application”

https://symfony.com/doc/current/components/phpunit_bridge.html

- Very useful!
- Before PHPUnit 10.3, this was not possible without an extension for PHPUnit
- Teaser: We will come back to this topic
- Before that, we need to take a closer look at PHPUnit 10 ...



PHPUnit 10

Sebastian Bergmann

<https://thephp.cc/presentations/phpunit-10-why-it-is-delayed-and-what-it-brings>

TL;DR

- 2 years delayed
- COVID-19
- PHP 8
- "Life Support" for PHPUnit 8
- After you clean up one thing, you can clean up another thing, and then another ...

PHPUnit 10.0

Released on February 3, 2023

Metadata

Support for Attributes

Annotations

(Metadata for code units in comments)

```
1 namespace SebastianBergmann\Raytracer;
2
3 use PHPUnit\Framework\TestCase;
4
5 /**
6  * @covers \SebastianBergmann\Raytracer\Color
7  * @small
8  */
9 final class ColorTest extends TestCase
10 {
11     // ...
12 }
```

Attributes

(Metadata for code units in code)

```
1 namespace SebastianBergmann\Raytracer;
2
3 use PHPUnit\Framework\Attributes\CoversClass;
4 use PHPUnit\Framework\Attributes\Small;
5 use PHPUnit\Framework\TestCase;
6
7 #[CoversClass(Color::class)]
8 #[Small]
9 final class ColorTest extends TestCase
10 {
11     // ...
12 }
```

<https://docs.phpunit.de/en/10.5/attributes.html>

<https://docs.phpunit.de/>

Almost complete overhaul of the documentation

Issue Handling (E(_USER)_*)

„[Some systems] are configured to treat all deprecations as errors. These systems are Doing It Wrong(tm). Period. They are inventing problems that do not exist, and the fault lies not with the PHP team but with the people who configure their systems wrong.”

<https://peakd.com/hive-168588/@crell/upgrading-php-upgrades>

Changes in PHPUnit 8.5

All notable changes of the PHPUnit 8.5 release series are documented in this file using the [Keep a CHANGELOG](#) principles.

8.5.21 - 2021-09-25

Changed

- PHPUnit no longer converts PHP deprecations to exceptions by default (configure `convertDeprecationsToExceptions="true"` to enable this)
- The PHPUnit XML configuration file generator now configures `convertDeprecationsToExceptions="true"`

Fixed

- [#4772](#): TestDox HTML report not displayed correctly when browser has custom colour settings

<https://github.com/sebastianbergmann/phpunit/blob/8.5.21/ChangeLog-8.5.md>

Changes in PHPUnit 9.5

All notable changes of the PHPUnit 9.5 release series are documented in this file using the [Keep a CHANGELOG](#) principles.

9.5.10 - 2021-09-25

Changed

- PHPUnit no longer converts PHP deprecations to exceptions by default (configure `convertDeprecationsToExceptions="true"` to enable this)
- The PHPUnit XML configuration file generator now configures `convertDeprecationsToExceptions="true"`

Fixed

- [#4772](#): TestDox HTML report not displayed correctly when browser has custom colour settings

<https://github.com/sebastianbergmann/phpunit/blob/9.5.10/ChangeLog-9.5.md>

„PHPUnit used to also treat deprecations as test fails by default. It no longer does. It never should have, but it doesn't anymore, so that's no longer an excuse.”

<https://peakd.com/hive-168588/@crell/upgrading-php-upgrades>

PHPUnit 9

Outcome

Passed

Errored

Failed

Warning

Considered Risky

Incomplete

Skipped

PHPUnit 10

Outcome	Issues
Passed	Triggered PHPUnit Error
Errored	Triggered PHPUnit Warning
Failed	Triggered PHPUnit Deprecation
Incomplete	Triggered Error (E_USER_ERROR)
Skipped	Triggered Warning (E_USER_WARNING)
	Triggered Deprecation (E_USER_DEPRECATED)
	Triggered Notice (E_USER_NOTICE)
	Triggered PHP Warning (E_WARNING)
	Triggered PHP Deprecation (E_DEPRECATED)
	Triggered PHP Notice (E_STRICT, E_NOTICE)
	Considered Risky

Issue Handling

As of PHPUnit 10.0, E (_USER)_* are no longer treated as errors.

```
$ tree
```

```
.
├── phpunit.xml
├── src
│   └── SourceClass.php
├── tests
│   └── SourceClassTest.php
├── tools
│   └── phpunit
└── vendor
    ├── autoload.php
    └── VendorClass.php
```

```
5 directories, 6 files
```



```

4 use PHPUnit\Framework\TestCase;
5
6 final class SourceClassTest extends TestCase
7 {
8     public function testSomething(): void
9     {
10         (new SourceClass)->doSomething();
11         (new SourceClass)->doSomething();
12         (new SourceClass)->doSomethingElse();
13
14         $this->assertTrue(true);
15     }
16
17     public function testSomethingElse(): void
18     {
19

```

tests/SourceClassTest.php

```
5
6 final class SourceClass
7 {
8     public function doSomething(): void
9     {
10         trigger_error('deprecation', E_USER_DEPRECATED);
11         trigger_error('notice', E_USER_NOTICE);
12         trigger_error('warning', E_USER_WARNING);
13
14         (new VendorClass)->doSomething();
15     }
16
17     public function doSomethingElse(): void
18     {
19         trigger_error('deprecation', E_USER_DEPRECATED);
```

src/SourceClass.php

```
1 <?php declare(strict_types=1);
2 namespace vendor;
3
4 final class VendorClass
5 {
6     public function doSomething(): void
7     {
8         trigger_error('deprecation', E_USER_DEPRECATED);
9         trigger_error('notice', E_USER_NOTICE);
10        trigger_error('warning', E_USER_WARNING);
11    }
12 }
```

vendor/VendorClass.php


```
$ ./tools/phpunit
```

```
PHPUnit 9.6.13 by Sebastian Bergmann and contributors.
```

```
Runtime:          PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
EE
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 12.41 MB
```

```
There were 2 errors:
```

```
1) example\SourceClassTest::testSomething  
deprecation
```

```
/home/sb/example/src/SourceClass.php:10  
/home/sb/example/tests/SourceClassTest.php:10
```

```
2) example\SourceClassTest::testSomethingElse  
deprecation
```

```
/home/sb/example/src/SourceClass.php:10  
/home/sb/example/tests/SourceClassTest.php:19
```

```
ERRORS!
```

```
Tests: 2, Assertions: 0, Errors: 2.
```

```
$ ./tools/phpunit
```

```
PHPUnit 10.0.19 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
OK, but some tests have issues!
```

```
Tests: 2, Assertions: 2, Warnings: 2, Deprecations: 2, Notices: 2.
```

```
$ ./tools/phpunit --display-deprecations
PHPUnit 10.0.19 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
Configuration: /home/sb/example/phpunit.xml
```

```
WW                                                    1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
There were 2 deprecations:
```

```
1) example\SourceClassTest::testSomething
* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/vendor/VendorClass.php:8

* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/vendor/VendorClass.php:8

* deprecation
  /home/sb/example/src/SourceClass.php:19
```


There were 2 deprecations:

1) example\SourceClassTest::testSomething

* deprecation

/home/sb/example/src/SourceClass.php:10

* deprecation

/home/sb/example/vendor/VendorClass.php:8

* deprecation

/home/sb/example/src/SourceClass.php:10

* deprecation

/home/sb/example/vendor/VendorClass.php:8

* deprecation

/home/sb/example/src/SourceClass.php:19

/home/sb/example/tests/SourceClassTest.php:8

2) example\SourceClassTest::testSomethingElse

* deprecation

/home/sb/example/src/SourceClass.php:10

* deprecation

/home/sb/example/vendor/VendorClass.php:8

* deprecation

```
2) example\SourceClassTest::testSomethingElse
* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/vendor/VendorClass.php:8

* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/vendor/VendorClass.php:8

* deprecation
  /home/sb/example/src/SourceClass.php:19

/home/sb/example/tests/SourceClassTest.php:17
```

OK, but some tests have issues!

Tests: 2, Assertions: 2, Warnings: 2, Deprecations: 2, Notices: 2.

```
$ ./tools/phpunit --display-notices
```

```
PHPUnit 10.0.19 by Sebastian Bergmann and contributors.
```

```
Runtime:          PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
There were 2 notices:
```

```
1) example\SourceClassTest::testSomething
```

```
* notice
```

```
  /home/sb/example/src/SourceClass.php:11
```

```
·
```

```
·
```

```
·
```

```
* notice
```

```
  /home/sb/example/vendor/VendorClass.php:9
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

```
·
```

```
·
```

```
·
```



```
$ ./tools/phpunit --display-warnings
```

```
PHPUnit 10.0.19 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
There were 2 warnings:
```

```
1) example\SourceClassTest::testSomething
```

```
* warning
```

```
  /home/sb/example/src/SourceClass.php:12
```

```
* warning
```

```
  /home/sb/example/vendor/VendorClass.php:10
```

```
* warning
```

```
  /home/sb/example/src/SourceClass.php:12
```

```
* warning
```

```
  /home/sb/example/vendor/VendorClass.php:10
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

PHPUnit 10.1

Released on April 14, 2023

Issue Handling

As of **PHPUnit 10.1**, the reporting of `E ( _USER ) _*` can be restricted to "your code".


```
3      xsi:noNamespaceSchemaLocation="https://schema.phpunit.de/10.1/phpunit.xsd"
4      bootstrap="vendor/autoload.php"
5      colors="true">
6  <testsuites>
7      <testsuite name="default">
8          <directory>tests</directory>
9      </testsuite>
10 </testsuites>
11
12 <source restrictDeprecations="true">
13     <include>
14         <directory>src</directory>
15     </include>
16 </source>
17 </phpunit>
```

phpunit.xml

```
$ ./tools/phpunit --display-deprecations
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
Configuration: /home/sb/example/phpunit.xml
```

```
WW                                                    1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
2 tests triggered 6 deprecations:
```

```
1) example\SourceClassTest::testSomething
* deprecation
  /home/sb/example/src/SourceClass.php:10
```

```
* deprecation
  /home/sb/example/src/SourceClass.php:10
```

```
* deprecation
  /home/sb/example/src/SourceClass.php:19
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

```
2) example\SourceClassTest::testSomethingElse
* deprecation
  /home/sb/example/src/SourceClass.php:10
```

```
1) example\SourceClassTest::testSomething
* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/src/SourceClass.php:19

/home/sb/example/tests/SourceClassTest.php:8

2) example\SourceClassTest::testSomethingElse
* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/src/SourceClass.php:10

* deprecation
  /home/sb/example/src/SourceClass.php:19

/home/sb/example/tests/SourceClassTest.php:17
```

OK, but there are issues!

Tests: 2, Assertions: 2, Warnings: 2, Deprecations: 2, Notices: 2.


```
3      xsi:noNamespaceSchemaLocation="https://schema.phpunit.de/10.1/phpunit.xsd"
4      bootstrap="vendor/autoload.php"
5      colors="true">
6  <testsuites>
7      <testsuite name="default">
8          <directory>tests</directory>
9      </testsuite>
10 </testsuites>
11
12 <source restrictNotices="true">
13     <include>
14         <directory>src</directory>
15     </include>
16 </source>
17 </phpunit>
```

phpunit.xml

```
$ ./tools/phpunit --display-notices
```

```
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
2 tests triggered 4 notices:
```

```
1) example\SourceClassTest::testSomething
```

```
* notice
```

```
  /home/sb/example/src/SourceClass.php:11
```

```
* notice
```

```
  /home/sb/example/src/SourceClass.php:11
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

```
.
```

```
.
```

```
.
```

```
3      xsi:noNamespaceSchemaLocation="https://schema.phpunit.de/10.1/phpunit.xsd"
4      bootstrap="vendor/autoload.php"
5      colors="true">
6  <testsuites>
7      <testsuite name="default">
8          <directory>tests</directory>
9      </testsuite>
10 </testsuites>
11
12 <source restrictWarnings="true">
13     <include>
14         <directory>src</directory>
15     </include>
16 </source>
17 </phpunit>
```

phpunit.xml


```
$ ./tools/phpunit --display-warnings
```

```
PHPUnit 10.1.3 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
2 tests triggered 4 warnings:
```

```
1) example\SourceClassTest::testSomething
```

```
* warning
```

```
  /home/sb/example/src/SourceClass.php:12
```

```
* warning
```

```
  /home/sb/example/src/SourceClass.php:12
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

```
.
```

```
.
```

```
.
```

PHPUnit 10.2

Released on June 2, 2023

Issue Handling

As of **PHPUnit 10.2**, the suppression of `E ( _USER ) _*` can be ignored.


```
1 <?php declare(strict_types=1);
2 namespace example;
3
4 use vendor\VendorClass;
5
6 final class SourceClass
7 {
8     public function doSomething(): void
9     {
10         @trigger_error('deprecation', E_USER_DEPRECATED);
11     }
12 }
```

src/SourceClass.php


```
$ ./tools/phpunit
```

```
PHPUnit 10.2.7 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
.
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
OK (1 test, 1 assertion)
```

```
3      xsi:noNamespaceSchemaLocation="https://schema.phpunit.de/10.2/phpunit.xsd"
4      bootstrap="vendor/autoload.php"
5      colors="true">
6  <testsuites>
7      <testsuite name="default">
8          <directory>tests</directory>
9      </testsuite>
10 </testsuites>
11
12 <source ignoreSuppressionOfDeprecations="true">
13     <include>
14         <directory>src</directory>
15     </include>
16 </source>
17 </phpunit>
```

phpunit.xml

```
$ ./tools/phpunit --display-deprecations
```

```
PHPUnit 10.2.7 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
D 1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
1 test triggered 1 deprecation:
```

```
1) example\SourceClassTest::testSomething  
deprecation
```

```
/home/sb/example/src/SourceClass.php:8
```

```
/home/sb/example/tests/SourceClassTest.php:8
```

```
OK, but there are issues!
```

```
Tests: 1, Assertions: 1, Deprecations: 1.
```


PHPUnit 10.3

Released on August 4, 2023

Issue Handling

As of **PHPUnit 10.3**, user errors (`E_USER_ERROR`), deprecations (`E_DEPRECATED`, `E_USER_DEPRECATED`), notices (`E_STRICT`, `E_NOTICE`, `E_USER_NOTICE`) and warnings (`E_WARNING`, `E_USER_WARNINGS`) are grouped by issue.

```
$ ./tools/phpunit --display-deprecations
```

```
PHPUnit 10.3.5 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/example/phpunit.xml
```

```
WW
```

```
1 / 1 (100%)
```

```
Time: 00:00.002, Memory: 14.39 MB
```

```
2 tests triggered 2 deprecations:
```

```
1) /home/sb/example/src/SourceClass.php:10  
deprecation
```

```
Triggered by:
```

```
* example\SourceClassTest::testSomething (2 times)  
  /home/sb/example/tests/SourceClassTest.php:8
```

```
* example\SourceClassTest::testSomethingElse (2 times)  
  /home/sb/example/tests/SourceClassTest.php:17
```

```
2) /home/sb/example/src/SourceClass.php:19  
deprecation
```

```
Triggered by:
```

2 tests triggered 2 deprecations:

1) /home/sb/example/src/SourceClass.php:10
deprecation

Triggered by:

- * example\SourceClassTest::testSomething (2 times)
/home/sb/example/tests/SourceClassTest.php:8
- * example\SourceClassTest::testSomethingElse (2 times)
/home/sb/example/tests/SourceClassTest.php:17

2) /home/sb/example/src/SourceClass.php:19
deprecation

Triggered by:

- * example\SourceClassTest::testSomething
/home/sb/example/tests/SourceClassTest.php:8
- * example\SourceClassTest::testSomethingElse
/home/sb/example/tests/SourceClassTest.php:17

OK, but there were issues!

Tests: 2, Assertions: 2, Deprecations: 2, Notices: 1.

Issue Handling

As of **PHPUnit 10.3**, the `# [WithoutErrorHandler]` attribute can be used to deactivate PHPUnit's error handler for a test.

„The PHPUnit Bridge [d]isplays the whole list of deprecated features used in the application”

https://symfony.com/doc/current/components/phpunit_bridge.html

- Very useful!
- Possible without an extension since PHPUnit 10.3

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

```
PHPUnit 10.3.5 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/symfony-example/phpunit.xml
```

```
.
```

```
1 / 1 (100%)
```

```
Time: 00:00.010, Memory: 4.00 MB
```

```
OK (1 test, 1 assertion)
```

```
Remaining self deprecation notices (1)
```

```
1x: Since vendor/greeter 1.2.3: message
```

```
1x in GreeterTest::testGreetsWithName from App\Domain
```

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

```
PHPUnit 10.3.5 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
```

```
Configuration: /home/sb/symfony-example/phpunit.xml
```

```
.
```

```
1 / 1 (100%)
```

```
Time: 00:00.010, Memory: 4.00 MB
```

```
OK (1 test, 1 assertion)
```



```
2 <phpunit xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3         xsi:noNamespaceSchemaLocation="https://schema.phpunit.de/10.3/phpunit.xsd"
4         bootstrap="vendor/autoload.php"
5         colors="true">
6     <!-- ... -->
7
8     <source restrictDeprecations="true"
9           ignoreSuppressionOfDeprecations="true"
10    >
11         <include>
12             <directory>src</directory>
13             <file>vendor/symfony/deprecation-contracts/function.php</file>
14         </include>
15     </source>
16 </phpunit>
```

phpunit.xml


```
$ ./vendor/bin/phpunit --display-deprecations
PHPUnit 10.3.5 by Sebastian Bergmann and contributors.
```

```
Runtime:      PHP 8.2.11
Configuration: /home/sb/symfony-example/phpunit.xml
```

```
D                                                    1 / 1 (100%)
```

```
Time: 00:00.010, Memory: 4.00 MB
```

```
1 test triggered 1 deprecation:
```

```
1) /home/sb/symfony-example/vendor/symfony/deprecation-contracts/function.php:25
Since vendor/greeter 1.2.3: message
```

```
Triggered by:
```

```
* App\Domain\GreeterTest::testGreetsWithName
  /home/sb/symfony-example/tests/GreeterTest.php:11
```

```
OK, but there were issues!
```

```
Tests: 1, Assertions: 1, Deprecations: 1.
```



PHPUnit 10.4

Released on October 6, 2023

Issue Handling

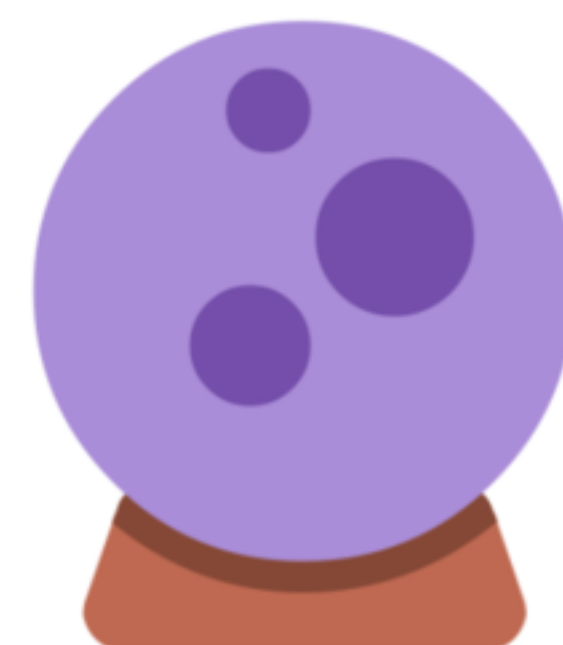
As of **PHPUnit 10.4**, known `E_(USER_)DEPRECATED`, `E_(USER_)NOTICE`, `E_STRICT`, and `E_(USER_)WARNING` issues can be ignored using a baseline.

PHPUnit 10.5

Released on December 1, 2023

Issue Handling

As of **PHPUnit 10.5**, the `# [IgnoreDeprecations]` attribute can be used to ignore `E_(USER_)DEPRECATED` issues on test class and test method level.



PHPUnit 11

Will be released on February 2, 2024

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but you can pay for PHP:**

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