# Changelog

All notable changes to this project will be documented in this file.

The format is based on [Keep a Changelog](https://keepachangelog.com/en/1.0.0/), and this project adheres to [Semantic Versioning](https://semver.org/spec/v2.0.0.html).

## [Unreleased]

## [1.6.12] - 2024-05-15

### Changed

* [1420: Update psalm-baseline.xml](https://github.com/mockery/mockery/pull/1420)
* [1419: Update e2e-test.sh](https://github.com/mockery/mockery/pull/1419)
* [1413: Upgrade phar tools and phive.xml configuration](https://github.com/mockery/mockery/pull/1413)

### Fixed

* [1415: Fix mocking anonymous classes](https://github.com/mockery/mockery/pull/1415)
* [1411: Mocking final classes reports unresolvable type by PHPStan](https://github.com/mockery/mockery/issues/1411)
* [1410: Fix PHP Doc Comments](https://github.com/mockery/mockery/pull/1410)

### Security

* [1417: Bump Jinja2 from 3.1.3 to 3.1.4 fix CVE-2024-34064](https://github.com/mockery/mockery/pull/1417)
* [1412: Bump idna from 3.6 to 3.7 fix CVE-2024-3651](https://github.com/mockery/mockery/pull/1412)

## [1.6.11] - 2024-03-21

### Fixed

* [1407: Fix constants map generics doc comments](https://github.com/mockery/mockery/pull/1407)
* [1406: Fix reserved words used to name a class, interface or trait](https://github.com/mockery/mockery/pull/1406)
* [1403: Fix regression - partial construction with trait methods](https://github.com/mockery/mockery/pull/1403)
* [1401: Improve Mockery::mock() parameter type compatibility with array typehints](https://github.com/mockery/mockery/pull/1401)

## [1.6.10] - 2024-03-19

### Added

* [1398: [PHP 8.4] Fixes for implicit nullability deprecation](https://github.com/mockery/mockery/pull/1398)

### Fixed

* [1397: Fix mock method $args parameter type](https://github.com/mockery/mockery/pull/1397)
* [1396: Fix 1.6.8 release](https://github.com/mockery/mockery/pull/1396)

## [1.6.9] - 2024-03-12

* [1394: Revert v1.6.8 release](https://github.com/mockery/mockery/pull/1394)

## [1.6.8] - 2024-03-12

* [1393: Changelog v1.6.8](https://github.com/mockery/mockery/pull/1393)
* [1392: Refactor remaining codebase](https://github.com/mockery/mockery/pull/1392)
* [1391: Update actions to use Node 20](https://github.com/mockery/mockery/pull/1391)
* [1390: Update ReadTheDocs dependencies](https://github.com/mockery/mockery/pull/1390)
* [1389: Refactor library/Mockery/Matcher/\*](https://github.com/mockery/mockery/pull/1389)
* [1388: Refactor library/Mockery/Loader/\*](https://github.com/mockery/mockery/pull/1388)
* [1387: Refactor library/Mockery/CountValidator/\*](https://github.com/mockery/mockery/pull/1387)
* [1386: Add PHPUnit 10+ attributes](https://github.com/mockery/mockery/pull/1386)
* [1385: Update composer dependencies and clean up](https://github.com/mockery/mockery/pull/1385)
* [1384: Update psalm-baseline.xml](https://github.com/mockery/mockery/pull/1384)
* [1383: Refactor library/helpers.php](https://github.com/mockery/mockery/pull/1383)
* [1382: Refactor library/Mockery/VerificationExpectation.php](https://github.com/mockery/mockery/pull/1382)
* [1381: Refactor library/Mockery/VerificationDirector.php](https://github.com/mockery/mockery/pull/1381)
* [1380: Refactor library/Mockery/QuickDefinitionsConfiguration.php](https://github.com/mockery/mockery/pull/1380)
* [1379: Refactor library/Mockery/Undefined.php](https://github.com/mockery/mockery/pull/1379)
* [1378: Refactor library/Mockery/Reflector.php](https://github.com/mockery/mockery/pull/1378)
* [1377: Refactor library/Mockery/ReceivedMethodCalls.php](https://github.com/mockery/mockery/pull/1377)
* [1376: Refactor library/Mockery.php](https://github.com/mockery/mockery/pull/1376)
* [1375: Refactor library/Mockery/MockInterface.php](https://github.com/mockery/mockery/pull/1375)
* [1374: Refactor library/Mockery/MethodCall.php](https://github.com/mockery/mockery/pull/1374)
* [1373: Refactor library/Mockery/LegacyMockInterface.php](https://github.com/mockery/mockery/pull/1373)
* [1372: Refactor library/Mockery/Instantiator.php](https://github.com/mockery/mockery/pull/1372)
* [1371: Refactor library/Mockery/HigherOrderMessage.php](https://github.com/mockery/mockery/pull/1371)
* [1370: Refactor library/Mockery/ExpectsHigherOrderMessage.php](https://github.com/mockery/mockery/pull/1370)
* [1369: Refactor library/Mockery/ExpectationInterface.php](https://github.com/mockery/mockery/pull/1369)
* [1368: Refactor library/Mockery/ExpectationDirector.php](https://github.com/mockery/mockery/pull/1368)
* [1367: Refactor library/Mockery/Expectation.php](https://github.com/mockery/mockery/pull/1367)
* [1366: Refactor library/Mockery/Exception.php](https://github.com/mockery/mockery/pull/1366)
* [1365: Refactor library/Mockery/Container.php](https://github.com/mockery/mockery/pull/1365)
* [1364: Refactor library/Mockery/Configuration.php](https://github.com/mockery/mockery/pull/1364)
* [1363: Refactor library/Mockery/CompositeExpectation.php](https://github.com/mockery/mockery/pull/1363)
* [1362: Refactor library/Mockery/ClosureWrapper.php](https://github.com/mockery/mockery/pull/1362)
* [1361: Refactor library/Mockery.php](https://github.com/mockery/mockery/pull/1361)
* [1360: Refactor Container](https://github.com/mockery/mockery/pull/1360)
* [1355: Fix the namespace in the SubsetTest class](https://github.com/mockery/mockery/pull/1355)
* [1354: Add array-like objects support to hasKey/hasValue matchers](https://github.com/mockery/mockery/pull/1354)

## [1.6.7] - 2023-12-09

### Added

* [#1338: Support PHPUnit constraints as matchers](https://github.com/mockery/mockery/pull/1338)
* [#1336: Add factory methods for IsEqual and IsSame matchers](https://github.com/mockery/mockery/pull/1336)

### Fixed

* [#1346: Fix test namespaces](https://github.com/mockery/mockery/pull/1346)
* [#1343: Update documentation default theme and build version](https://github.com/mockery/mockery/pull/1343)
* [#1329: Prevent shouldNotReceive from getting overridden by invocation count methods](https://github.com/mockery/mockery/pull/1329)

### Changed

* [#1351: Update psalm-baseline.xml](https://github.com/mockery/mockery/pull/1351)
* [#1350: Changelog v1.6.7](https://github.com/mockery/mockery/pull/1350)
* [#1349: Cleanup](https://github.com/mockery/mockery/pull/1349)
* [#1348: Update makefile](https://github.com/mockery/mockery/pull/1348)
* [#1347: Bump phars dependencies](https://github.com/mockery/mockery/pull/1347)
* [#1344: Disabled travis-ci and sensiolabs webhooks](https://github.com/mockery/mockery/issues/1344)
* [#1342: Add .readthedocs.yml configuration](https://github.com/mockery/mockery/pull/1342)
* [#1340: docs: Remove misplaced semicolumn from code snippet](https://github.com/mockery/mockery/pull/1340)

## 1.6.6 (2023-08-08)

* [#1327: Changelog v1.6.6](https://github.com/mockery/mockery/pull/1327)
* [#1325: Keep the file that caused an error for inspection](https://github.com/mockery/mockery/pull/1325)
* [#1324: Fix Regression - Replace + Array Union Operator with array\_merge](https://github.com/mockery/mockery/pull/1324)

## 1.6.5 (2023-08-05)

* [#1322: Changelog v1.6.5](https://github.com/mockery/mockery/pull/1322)
* [#1321: Autoload Test Fixtures Based on PHP Runtime Version](https://github.com/mockery/mockery/pull/1321)
* [#1320: Clean up mocks on destruct](https://github.com/mockery/mockery/pull/1320)
* [#1318: Fix misspelling in docs](https://github.com/mockery/mockery/pull/1318)
* [#1316: Fix compatibility issues with PHP 7.3](https://github.com/mockery/mockery/pull/1316)
* [#1315: Fix PHP 7.3 issues](https://github.com/mockery/mockery/issues/1315)
* [#1314: Add Security Policy](https://github.com/mockery/mockery/pull/1314)
* [#1313: Type declaration for iterable|object.](https://github.com/mockery/mockery/pull/1313)
* [#1312: Mock disjunctive normal form types](https://github.com/mockery/mockery/pull/1312)
* [#1299: Test PHP 8.3 language features](https://github.com/mockery/mockery/pull/1299)

## 1.6.4 (2023-07-19)

* [#1308: Changelog v1.6.4](https://github.com/mockery/mockery/pull/1308)
* [#1307: Revert src to library for 1.6.x](https://github.com/mockery/mockery/pull/1307)

## 1.6.3 (2023-07-18)

* [#1304: Remove extra.branch-alias and update composer information](https://github.com/mockery/mockery/pull/1304)
* [#1303: Update .gitattributes](https://github.com/mockery/mockery/pull/1303)
* [#1302: Changelog v1.6.3](https://github.com/mockery/mockery/pull/1302)
* [#1301: Fix mocking classes with new initializers in method and attribute params on PHP 8.1](https://github.com/mockery/mockery/pull/1301)
* [#1298: Update default repository branch to latest release branch](https://github.com/mockery/mockery/issues/1298)
* [#1297: Update Makefile for contributors](https://github.com/mockery/mockery/pull/1297)
* [#1294: Correct return types of Mock for phpstan](https://github.com/mockery/mockery/pull/1294)
* [#1290: Rename directory library to src](https://github.com/mockery/mockery/pull/1290)
* [#1288: Update codecov workflow](https://github.com/mockery/mockery/pull/1288)
* [#1287: Update psalm configuration and workflow](https://github.com/mockery/mockery/pull/1287)
* [#1286: Update phpunit workflow](https://github.com/mockery/mockery/pull/1286)
* [#1285: Enforce the minimum required PHP version](https://github.com/mockery/mockery/pull/1285)
* [#1283: Update license and copyright information](https://github.com/mockery/mockery/pull/1283)
* [#1282: Create COPYRIGHT.md file](https://github.com/mockery/mockery/pull/1282)
* [#1279: Bump vimeo/psalm from 5.9.0 to 5.12.0](https://github.com/mockery/mockery/pull/1279)

## 1.6.2 (2023-06-07)

* [#1276: Add IsEqual Argument Matcher](https://github.com/mockery/mockery/pull/1276)
* [#1275: Add IsSame Argument Matcher](https://github.com/mockery/mockery/pull/1275)
* [#1274: Update composer branch alias](https://github.com/mockery/mockery/pull/1274)
* [#1271: Support PHP 8.2 true Literal Type](https://github.com/mockery/mockery/pull/1271)
* [#1270: Support PHP 8.0 false Literal Type](https://github.com/mockery/mockery/pull/1270)

## 1.6.1 (2023-06-05)

* [#1267 Drops support for PHP <7.4](https://github.com/mockery/mockery/pull/1267)
* [#1192 Updated changelog for version 1.5.1 to include changes from #1180](https://github.com/mockery/mockery/pull/1192)
* [#1196 Update example in README.md](https://github.com/mockery/mockery/pull/1196)
* [#1199 Fix function parameter default enum value](https://github.com/mockery/mockery/pull/1199)
* [#1205 Deal with null type in PHP8.2](https://github.com/mockery/mockery/pull/1205)
* [#1208 Import MockeryTestCase fully qualified class name](https://github.com/mockery/mockery/pull/1208)
* [#1210 Add support for target class attributes](https://github.com/mockery/mockery/pull/1210)
* [#1212 docs: Add missing comma](https://github.com/mockery/mockery/pull/1212)
* [#1216 Fixes code generation for intersection types](https://github.com/mockery/mockery/pull/1216)
* [#1217 Add MockeryExceptionInterface](https://github.com/mockery/mockery/pull/1217)
* [#1218 tidy: avoids require](https://github.com/mockery/mockery/pull/1218)
* [#1222 Add .editorconfig](https://github.com/mockery/mockery/pull/1222)
* [#1225 Switch to PSR-4 autoload](https://github.com/mockery/mockery/pull/1225)
* [#1226 Refactoring risky tests](https://github.com/mockery/mockery/pull/1226)
* [#1230 Add vimeo/psalm and psalm/plugin-phpunit](https://github.com/mockery/mockery/pull/1230)
* [#1232 Split PHPUnit TestSuites for PHP 8.2](https://github.com/mockery/mockery/pull/1232)
* [#1233 Bump actions/checkout to v3](https://github.com/mockery/mockery/pull/1233)
* [#1234 Bump nick-invision/retry to v2](https://github.com/mockery/mockery/pull/1234)
* [#1235 Setup Codecov for code coverage](https://github.com/mockery/mockery/pull/1235)
* [#1236 Add Psalm CI Check](https://github.com/mockery/mockery/pull/1236)
* [#1237 Unignore composer.lock file](https://github.com/mockery/mockery/pull/1237)
* [#1239 Prevent CI run duplication](https://github.com/mockery/mockery/pull/1239)
* [#1241 Add PHPUnit workflow for PHP 8.3](https://github.com/mockery/mockery/pull/1241)
* [#1244 Improve ClassAttributesPass for Dynamic Properties](https://github.com/mockery/mockery/pull/1244)
* [#1245 Deprecate hamcrest/hamcrest-php package](https://github.com/mockery/mockery/pull/1245)
* [#1246 Add BUG\_REPORT.yml Issue template](https://github.com/mockery/mockery/pull/1246)
* [#1250 Deprecate PHP <=8.0](https://github.com/mockery/mockery/issues/1250)
* [#1253 Prevent array to string conversion when serialising a Subset matcher](https://github.com/mockery/mockery/issues/1253)

## 1.6.0 (2023-06-05) [DELETED]

This tag was deleted due to a mistake with the composer.json PHP version constraint, see [#1266](https://github.com/mockery/mockery/issues/1266)

## 1.3.6 (2022-09-07)

* PHP 8.2 | Fix "Use of "parent" in callables is deprecated" notice #1169

## 1.5.1 (2022-09-07)

* [PHP 8.2] Various tests: explicitly declare properties #1170
* [PHP 8.2] Fix "Use of "parent" in callables is deprecated" notice #1169
* [PHP 8.1] Support intersection types #1164
* Handle final \_\_toString methods #1162
* Only count assertions on expectations which can fail a test #1180

## 1.5.0 (2022-01-20)

* Override default call count expectations via expects() #1146
* Mock methods with static return types #1157
* Mock methods with mixed return type #1156
* Mock classes with new in initializers on PHP 8.1 #1160
* Removes redundant PHPUnitConstraint #1158

## 1.4.4 (2021-09-13)

* Fixes auto-generated return values #1144
* Adds support for tentative types #1130
* Fixes for PHP 8.1 Support (#1130 and #1140)
* Add method that allows defining a set of arguments the mock should yield #1133
* Added option to configure default matchers for objects \Mockery::getConfiguration()->setDefaultMatcher($class, $matcherClass) #1120

## 1.3.5 (2021-09-13)

* Fix auto-generated return values with union types #1143
* Adds support for tentative types #1130
* Fixes for PHP 8.1 Support (#1130 and #1140)
* Add method that allows defining a set of arguments the mock should yield #1133
* Added option to configure default matchers for objects \Mockery::getConfiguration()->setDefaultMatcher($class, $matcherClass) #1120

## 1.4.3 (2021-02-24)

* Fixes calls to fetchMock before initialisation #1113
* Allow shouldIgnoreMissing() to behave in a recursive fashion #1097
* Custom object formatters #766 (Needs Docs)
* Fix crash on a union type including null #1106

## 1.3.4 (2021-02-24)

* Fixes calls to fetchMock before initialisation #1113
* Fix crash on a union type including null #1106

## 1.4.2 (2020-08-11)

* Fix array to string conversion in ConstantsPass (#1086)
* Fixed nullable PHP 8.0 union types (#1088, #1089)
* Fixed support for PHP 8.0 parent type (#1088, #1089)
* Fixed PHP 8.0 mixed type support (#1088, #1089)
* Fixed PHP 8.0 union return types (#1088, #1089)

## 1.4.1 (2020-07-09)

* Allow quick definitions to use 'at least once' expectation \Mockery::getConfiguration()->getQuickDefinitions()->shouldBeCalledAtLeastOnce(true) (#1056)
* Added provisional support for PHP 8.0 (#1068, #1072,#1079)
* Fix mocking methods with iterable return type without specifying a return value (#1075)

## 1.3.3 (2020-08-11)

* Fix array to string conversion in ConstantsPass (#1086)
* Fixed nullable PHP 8.0 union types (#1088)
* Fixed support for PHP 8.0 parent type (#1088)
* Fixed PHP 8.0 mixed type support (#1088)
* Fixed PHP 8.0 union return types (#1088)

## 1.3.2 (2020-07-09)

* Fix mocking with anonymous classes (#1039)
* Fix andAnyOthers() to properly match earlier expectations (#1051)
* Added provisional support for PHP 8.0 (#1068, #1072,#1079)
* Fix mocking methods with iterable return type without specifying a return value (#1075)

## 1.4.0 (2020-05-19)

* Fix mocking with anonymous classes (#1039)
* Fix andAnyOthers() to properly match earlier expectations (#1051)
* Drops support for PHP < 7.3 and PHPUnit < 8 (#1059)

## 1.3.1 (2019-12-26)

* Revert improved exception debugging due to BC breaks (#1032)

## 1.3.0 (2019-11-24)

* Added capture Mockery::capture convenience matcher (#1020)
* Added andReturnArg to echo back an argument passed to a an expectation (#992)
* Improved exception debugging (#1000)
* Fixed andSet to not reuse properties between mock objects (#1012)

## 1.2.4 (2019-09-30)

* Fix a bug introduced with previous release, for empty method definition lists (#1009)

## 1.2.3 (2019-08-07)

* Allow mocking classes that have allows and expects methods (#868)
* Allow passing thru \_\_call method in all mock types (experimental) (#969)
* Add support for ! to blacklist methods (#959)
* Added withSomeOfArgs to partial match a list of args (#967)
* Fix chained demeter calls with type hint (#956)

## 1.2.2 (2019-02-13)

* Fix a BC breaking change for PHP 5.6/PHPUnit 5.7.27 (#947)

## 1.2.1 (2019-02-07)

* Support for PHPUnit 8 (#942)
* Allow mocking static methods called on instance (#938)

## 1.2.0 (2018-10-02)

* Starts counting default expectations towards count (#910)
* Adds workaround for some HHVM return types (#909)
* Adds PhpStorm metadata support for autocomplete etc (#904)
* Further attempts to support multiple PHPUnit versions (#903)
* Allows setting constructor expectations on instance mocks (#900)
* Adds workaround for HHVM memoization decorator (#893)
* Adds experimental support for callable spys (#712)

## 1.1.0 (2018-05-08)

* Allows use of string method names in allows and expects (#794)
* Finalises allows and expects syntax in API (#799)
* Search for handlers in a case instensitive way (#801)
* Deprecate allowMockingMethodsUnnecessarily (#808)
* Fix risky tests (#769)
* Fix namespace in TestListener (#812)
* Fixed conflicting mock names (#813)
* Clean elses (#819)
* Updated protected method mocking exception message (#826)
* Map of constants to mock (#829)
* Simplify foreach with in\_array function (#830)
* Typehinted return value on Expectation#verify. (#832)
* Fix shouldNotHaveReceived with HigherOrderMessage (#842)
* Deprecates shouldDeferMissing (#839)
* Adds support for return type hints in Demeter chains (#848)
* Adds shouldNotReceive to composite expectation (#847)
* Fix internal error when using --static-backup (#845)
* Adds andAnyOtherArgs as an optional argument matcher (#860)
* Fixes namespace qualifying with namespaced named mocks (#872)
* Added possibility to add Constructor-Expections on hard dependencies, read: Mockery::mock('overload:...') (#781)

## 1.0.0 (2017-09-06)

* Destructors (\_\_destruct) are stubbed out where it makes sense
* Allow passing a closure argument to withArgs() to validate multiple arguments at once.
* Mockery\Adapter\Phpunit\TestListener has been rewritten because it incorrectly marked some tests as risky. It will no longer verify mock expectations but instead check that tests do that themselves. PHPUnit 6 is required if you want to use this fail safe.
* Removes SPL Class Loader
* Removed object recorder feature
* Bumped minimum PHP version to 5.6
* andThrow will now throw anything \Throwable
* Adds allows and expects syntax
* Adds optional global helpers for mock, namedMock and spy
* Adds ability to create objects using traits
* Mockery\Matcher\MustBe was deprecated
* Marked Mockery\MockInterface as internal
* Subset matcher matches recursively
* BC BREAK - Spies return null by default from ignored (non-mocked) methods with nullable return type
* Removed extracting getter methods of object instances
* BC BREAK - Remove implicit regex matching when trying to match string arguments, introduce \Mockery::pattern() when regex matching is needed
* Fix Mockery not getting closed in cases of failing test cases
* Fix Mockery not setting properties on overloaded instance mocks
* BC BREAK - Fix Mockery not trying default expectations if there is any concrete expectation
* BC BREAK - Mockery's PHPUnit integration will mark a test as risky if it thinks one it's exceptions has been swallowed in PHPUnit > 5.7.6. Use $e->dismiss() to dismiss.

## 0.9.4 (XXXX-XX-XX)

* shouldIgnoreMissing will respect global allowMockingNonExistentMethods config
* Some support for variadic parameters
* Hamcrest is now a required dependency
* Instance mocks now respect shouldIgnoreMissing call on control instance
* This will be the *last version to support PHP 5.3*
* Added Mockery\Adapter\Phpunit\MockeryPHPUnitIntegration trait
* Added makePartial to Mockery\MockInterface as it was missing

## 0.9.3 (2014-12-22)

* Added a basic spy implementation
* Added Mockery\Adapter\Phpunit\MockeryTestCase for more reliable PHPUnit integration

## 0.9.2 (2014-09-03)

* Some workarounds for the serialisation problems created by changes to PHP in 5.5.13, 5.4.29, 5.6.
* Demeter chains attempt to reuse doubles as they see fit, so for foo->bar and foo->baz, we'll attempt to use the same foo

## 0.9.1 (2014-05-02)

* Allow specifying consecutive exceptions to be thrown with andThrowExceptions
* Allow specifying methods which can be mocked when using Mockery\Configuration::allowMockingNonExistentMethods(false) with Mockery\MockInterface::shouldAllowMockingMethod($methodName)
* Added andReturnSelf method: $mock->shouldReceive("foo")->andReturnSelf()
* shouldIgnoreMissing now takes an optional value that will be return instead of null, e.g. $mock->shouldIgnoreMissing($mock)

## 0.9.0 (2014-02-05)

* Allow mocking classes with final \_\_wakeup() method
* Quick definitions are now always byDefault
* Allow mocking of protected methods with shouldAllowMockingProtectedMethods
* Support official Hamcrest package
* Generator completely rewritten
* Easily create named mocks with namedMock