

JUnit 5 Release Notes

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This document contains the *change log* for all JUnit 5 releases since 5.5 GA.

Please refer to the [User Guide](#) for comprehensive reference documentation for programmers writing tests, extension authors, and engine authors as well as build tool and IDE vendors.

:TypeBasedMapOfListsParameterResolver [TypeBasedMapOfListsParameterResolver](#)
:EnableJUnit4MigrationSupport: [@EnableJUnit4MigrationSupport](#) :EnableRuleMigrationSupport:
[@EnableRuleMigrationSupport](#) :junit-vintage-engine: [junit-vintage-engine](#) :junit5-samples-repo:
<https://github.com/junit-team/junit5-samples> :junit5-jupiter-starter-ant: {junit5-samples-
repo}/tree/master/junit5-jupiter-starter-ant[junit5-jupiter-starter-ant] :junit5-jupiter-starter-gradle-
groovy: {junit5-samples-repo}/tree/master/junit5-jupiter-starter-gradle-groovy[junit5-jupiter-
starter-gradle-groovy] :junit5-jupiter-starter-gradle-kotlin: {junit5-samples-repo}/tree/master/junit5-
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{junit5-samples-repo}/tree/master/junit5-jupiter-starter-gradle[junit5-jupiter-starter-gradle] :junit5-
jupiter-starter-maven: {junit5-samples-repo}/tree/master/junit5-jupiter-starter-maven[junit5-
jupiter-starter-maven] :RandomParametersExtension: {junit5-samples-repo}/tree/master/junit5-
jupiter-
extensions/src/main/java/com/example/random/RandomParametersExtension.java[RandomParame
tersExtension] :API: [@API](#) :API_Guardian: [@API Guardian](#) :AssertJ: [AssertJ](#) :Gitter: [Gitter](#) :Hamcrest:
[Hamcrest](#) :Log4j: [Log4j](#) :Log4j_JDK_Logging_Adapter: [Log4j JDK Logging Adapter](#) :Logback: [Logback](#)
:LogManager: [LogManager](#) :Maven_Central: [Maven Central](#) :MockitoExtension: [MockitoExtension](#)
:SpringExtension: [SpringExtension](#) :StackOverflow: [Stack Overflow](#) :Truth: [Truth](#)

5.6.0-M1

Date of Release:

Scope:

For a complete list of all *closed* issues and pull requests for this release, consult the [5.6 M1](#)

milestone page in the JUnit repository on GitHub.

JUnit Platform

Bug Fixes

-

Deprecations and Breaking Changes

- In the `EngineTestKit` API, the `all()`, `containers()`, and `tests()` methods in `EngineExecutionResults` have been deprecated in favor of the new `allEvents()`, `containerEvents()`, and `testEvents()` methods, respectively. The deprecated methods will be removed in JUnit Platform 1.7.0.

New Features and Improvements

- New `printFailuresTo(PrintWriter, int)` method in `TestExecutionSummary` that allows one to specify the maximum number of lines to print for exception stack traces.
- New `TypeBasedParameterResolver<T>` - a generic adapter of `ParameterResolver` - that eases the creation of custom resolver by providing a type-based `supportsParameter` default implementation.

JUnit Jupiter

Bug Fixes

-

Deprecations and Breaking Changes

- `@EnabledIf` and `@DisabledIf` have been removed from Jupiter's API. Script-based condition APIs and their supporting implementations were deprecated in JUnit Jupiter 5.5 with the intent to remove them in JUnit Jupiter 5.6. Users must now rely on a combination of other built-in conditions or create and use a custom implementation of `ExecutionCondition` to evaluate the same conditions.

New Features and Improvements

- Support for String delimiters in `@CsvSource` and `@CsvFileSource`.
- Documented support for comments in CSV files loaded via `@CsvFileSource`.

JUnit Vintage

Bug Fixes

-

Deprecations and Breaking Changes

-

New Features and Improvements

-

5.5.1

Date of Release: July 20, 2019

Scope: Bug fixes since 5.5.0

For a complete list of all *closed* issues and pull requests for this release, consult the [5.5.1](#) milestone page in the JUnit repository on GitHub.

JUnit Platform

No changes.

JUnit Jupiter

Bug Fixes

- Fix test discovery and execution of inherited `@Nested` classes.

JUnit Vintage

No changes.

5.5.0

Date of Release: June 30, 2019

Scope:

- Declarative `@Timeout` support
- New `InvocationInterceptor` extension API
- New `LifecycleMethodExecutionExceptionHandler` extension API
- Deprecation of script-based conditions (`@EnabledIf` and `@DisabledIf`)
- Configurable test discovery implementation for `TestEngine` authors
- Explicit Java module descriptors
- Various minor improvements and bug fixes

For complete details consult the [5.5.0 Release Notes](#) online.