

Test stability plugin

Plugin Information

View Test stability history [on the plugin site](#) for more information.

Developed By

This plugin adds historical information about the stability of tests - i.e. the percentage how often they failed.

Version 2.x

The plugin now implements newer APIs which allow it to work with Pipeline builds. The version has been bumped to 2.x because the test-stability plugin now requires Jenkins Core 1.596 (instead of 1.480) and no longer supports the old *Additional test report features (fixed)* workaround.

Configuration

Global

Configure the maximal history length (default is 30)

Test stability history

Max. history length

Maximum length of test history to keep


Per-Job

Enable the *Additional test report features*.

For Jenkins < 1.530 only! (Plugin version 1.0 only)

Note that for maven jobs you must use the *Additional test report features (fixed)* as the built-in Jenkins one is broken up until Jenkins 1.529.

Post-build Actions

 **Additional test report features (fixed)**

Test stability history

Pipeline usage (*Plugin version 2.x or later*)

Instead of using this in your Jenkinsfile to collect test results:

```
junit '**/*.xml'
```

you should use this:

```
junit testResults: '**/*.xml', testDataPublishers: [[${class: 'StabilityTestDataPublisher'}]]
```

Test health


Example test result:

Test Result : UnitTest

2 failures (-1)

5 tests (±0)

Took 7 ms.

 [add description](#)

All Tests

Test name	Duration	Status
failsSometimes ☀️ (No known failures. Stability 100 %)	0 ms	Passed
failsSometimes2 ☁️ (Failed 3 times in the last 4 runs. Stability: 25 %)	3 ms	Failed
failsSometimes3 ☁️ (Failed 2 times in the last 4 runs. Stability: 50 %)	0 ms	Fixed
shouldFail ⚡️ (Failed 4 times in the last 4 runs. Stability: 0 %)	5 ms	Failed
shouldSucceed ☀️ (No known failures. Stability 100 %)	0 ms	Passed