

# FitNesse Plugin

## Plugin Information

View FitNesse [on the plugin site](#) for more information.

This plugin can be used to both execute and report on [FitNesse](#) tests so that they can be integrated into a Jenkins build. Contributions are welcome, both bug fixes and new features. Just raise a pull request via [GitHub](#).

[CI Server](#)

## Configuration

### Global

- You could define a JDK installation (not mandatory). All JDKs will be available in the job configuration.

### Slave node

- If your job runs on a slave and launch FitNesse, you should add the `HOST_NAME` environment variable in slave configuration and set its value to the slave's hostname or IP. You can name it as `FITNESSE_HOST_NAME` (whatever you like). This environment variable will be used when you set up fitness instance below (replace localhost by `$FITNESSE_HOST_NAME`).

Environment variables  
List of key-value pairs  
name   
value

- You could also override JDK location used, by set a *Tool location*.

Tool Locations  
List of tool locations  
Name   
Home

or by overridden `JAVA_HOME` environment variable.

## Usage

### Project settings in build step

- For existing FitNesse instance:** host and port where FitNesse is running

Execute fitness tests  
*Fitness instance*  
 Fitness instance is already running  
Fitness Host   
Fitness Port

- For new FitNesse instance:**
  - JDK:** selected JDK, JVM args and Java working directory
  - Paths:** fitness.jar and FitNesseRoot path
  - Fitness:** port use and command line args

**Execute fitness tests**

*Fitnessse instance*

Fitnessse instance is already running  
 Start new Fitnessse instance as part of build

Fitnessse JDK

JDK to be used for Fitnessse

Java startup options

Java working directory

**Path does not exist.**

Path to fitnessse.jar

Path to FitNesseRoot

Port for Fitnessse instance

Additional Fitnessse command line options (e.g. -o)

- In all cases:
  - Target page
  - HTTP and test timeout
  - Results file name

*Target*

Target Page

Is target a suite?

*Output*

HTTP Timeout (ms)

Test Timeout (ms)

Path to fitnessse xml results file

**Project settings in post-build step**

- Results file name: the name of the result file ; if there is several files, you can use wildcards.

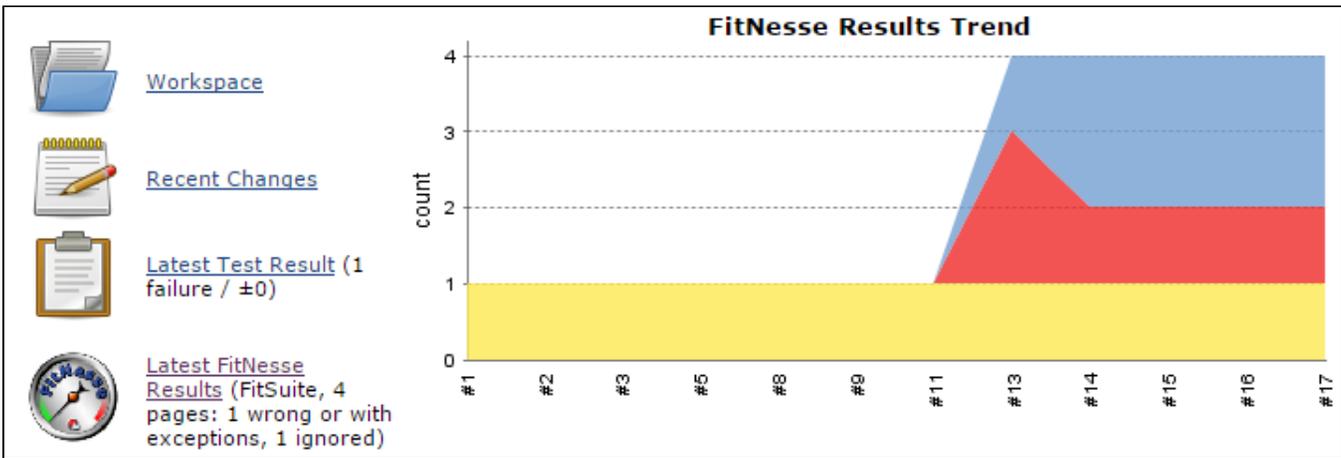
**Post-build Actions**

Publish Fitnessse results report

Path to fitnessse xml results file

**Result**

- On project page : a new chart with result trend and a little summary



- All tests result in a page:

1 failures (±0) , 1 skipped (±0)

4 tests (±0)  
Took 0 ms.  
[add description](#)

**Wrong and Exceptions: 1**

Name	Right	Wrong	Ignored	Exceptions	Duration	Details-Captured	Details-Remote
FitSuite.TestFailed	0	2	0	1	0.101	<a href="#">Details</a>	FitSuite.TestFailed?pageHistory&resultDate=20141104084226

**Ignored: 1**

Name	Ignored	Duration	Details-Captured	Details-Remote
FitSuite.TestSkipped	1	0.081	<a href="#">Details</a>	FitSuite.TestSkipped?pageHistory&resultDate=20141104084226

**Right: 2**

Name	Right	Ignored	Duration	Details-Captured	Details-Remote
FitSuite.TestCorrect	10	0	0.201	<a href="#">Details</a>	FitSuite.TestCorrect?pageHistory&resultDate=20141104084225
FitSuite.TestMixte	7	1	0.136	<a href="#">Details</a>	FitSuite.TestMixte?pageHistory&resultDate=20141104084226

- And finally, captured details of a test:

0 failures

1 tests  
Took 0 ms.  
[add description](#)

```
import
fitnesse.slim.test
fitnesse.fixtures
```

**should I buy milk**

cash in wallet	credit card	pints of milk remaining	go to store?
0	no	0	no
10	no	0	yes
0	yes	0	yes
10	yes	0	yes
0	no	1	no
10	no	1	no
0	yes	1	no
10	yes	1	no

Todo

- ★ Run fitness tests using "-c" option when starting new fitness instance
- ★ Add more control over fitness start-up params
- ★ Using glob to collect (potentially) multiple results.xml files
- ★ Nest Sub-suites and tests-within-suites within the uber-parent FitnessResults instance
- ★ Allow direct URL access to sub-suites and tests-within-suites so that every level can have its history graph
- ★ Run multiple test suites from one project configuration

## Change Log

- **1.30** (2019-09-19)
  - 🛠 Fixed: [JENKINS-58923](#) Cannot browse result of tests when publishing several fitness result files on Windows
  - 🛠 Fixed: [JENKINS-58430](#) Publishing two fitness xml files with same test name confuses the results
  - 🗑 Removed some log warnings
- **1.29** (2019-08-11)
  - ➕ Added: Changes to read and write results in distributed Jenkins ([PR-37](#)) (Fixes: Fitness should run on the slave of the build, not on the head node [JENKINS-13696](#))
- **1.28** (2019-01-12)
  - ➕ Added: Produces junit report results from the fitness results ([PR-36](#))
- **1.27** (2018-12-20)
  - 🛠 Fixed: FitNesse history is not rendering on builds generated by latest plugin versions
- **1.25** (2018-12-05)
  - 🛠 Fixed: FitNesse history not rendering in some cases
- **1.24** (2018-11-08)
  - ➕ Added: Support for remote FitNesse over HTTPS ([PR-27](#))
  - ➕ Added: Add environment variables support for fitness hostname and port ([PR-28](#))
  - ➕ Added: Feature/pipeline compatibility ([PR-30](#))
  - ➕ Improvement: Try to gracefully terminate the running test in case of an exception ([PR-31](#))
  - ➕ Added: Ability to access to a protected remote Fitness ([PR-32](#))
  - 🛠 Fixed: Fixes for [JEP-200](#) ([PR-35](#))
- **1.16** (2015-06-26)
  - 🛠 Fixed FitNesse 1.13 does not render properly FitNesse history ([JENKINS-29019](#))
- **1.15** (2015-06-22)
  - ➕ Improvement: Add ability to define fitness port as environment variable ([JENKINS-27955](#))
  - 🛠 Fixed: FitNesse History doesn't render properly ([JENKINS-29019](#))
  - 🗑 Clean code: remove useless library, remove warnings and deprecated methods
- **1.14** (2015-06-21)
  - 🛠 Fixed: In result detail page, can't expand collapsed scenario ([JENKINS-27938](#))
  - 🛠 Fixed: manage JDK 1.8 (increase core plugin version)
  - 🛠 Fixed: manage several FitNesse test results in the same job ([JENKINS-27936](#) - [pull request](#))
- **1.13** (2015-06-02)
  - 🛠 Fixed: manage FitNesse old versions (without summary and page duration fields in XML result) ([JENKINS-28316](#))
  - ➕ Improve FitNesse History page: reverse column order & add sort on column header
  - 🛠 Fixed: use FitNesse plugin with conditional steps(multiple) plugin ([JENKINS-21636](#))
- **1.12** (2015-03-31)
  - ➕ Improve captured detail renderer (use FitNesse CSS & JS)
  - ➕ Added: FitNesse tests history page ([pull request](#))
  - 🛠 Fixed: execution of test page ([pull request](#))
- **1.11** (2014-11-10)
  - 🛠 Improve result table and captured detail renderer ([pull request](#))
- **1.10** (2014-10-27)
  - 🛠 Fixed: avoid OOM on huge result files ([pull request](#))
  - 🛠 Fixed: support Jenkins slave with a different OS than master's one ([pull request](#))
  - 🛠 Fixed: avoid NPE when no JDK is defined in global configuration ([pull request](#))
  - ➕ Added: retrieve and display duration for all tests ([pull request](#))
  - 🛠 Fixed: test port availability to check if FitNesse is started instead of scraping stdout ([pull request](#))
- **1.9** (2014-03-26)
  - 🛠 Fixed: launch FitNesse if no JDK is configured in Jenkins ([pull request](#))
  - 🛠 Improve performance on huge result file ([pull request](#))
- **1.8** (2013-10-21)
  - ➕ Added support for Jenkins slaves ([pull request](#))
  - ➕ Expose FitNesse tests results through Jenkins API ([pull request](#))
  - ➕ Selectable JDK for FitNesse ([pull request](#))
  - 🛠 Configuration bugfix ([pull request](#))
- **1.7**
  - 🛠 Fixed: avoid NPE when build aborts prematurely and produces no results ([pull request](#))
  - 🛠 Use the HTTP timeout inside the connection ([pull request](#))
  - 🛠 Don't show broken image when no test results are available ([pull request](#))
- **1.6**
  - ➕ Added support for multiple FitNesse reports and drilling down into HTML output ([pull request](#))
- **1.5**
  - 🛠 Report exceptions as failures
  - 🛠 Upgrade minimum Jenkins version from 1.353 to 1.401 to benefit from bug fixes in Hudson.Proc
  - ➕ Added support for FitNesse options -d, -r & -p.
- **1.4**
  - ➕ Added ability to specify path to fitness.jar and path to FitNesseRoot relative to the workspace

- 1.3.1
  - 🛠️ Fixed bug where counts with X right and Y ignores were being treated as ignored not right
- 1.3
  - ➕ Added ability to specify HTTP timeout (default: 60,000 ms)
  - ➕ Added ability to specify java working directory (default: location of fitnessse.jar)
  - ➕ Added page or suite name to build page summary link
- 1.2
  - ➕ Added prettier tabular format for results
  - ➕ Results file without path will be written to / read from workspace
  - ➕ Log incremental console output as FitNesse results are coming in over HTTP
  - 🛠️ Fixed: Unable to unpack fitnessse.jar
  - 🛠️ Fixed: Build hangs when http get stalls
  - 🛠️ Fixed: Unexpected EOF while reading http bytes `catch IOException`
- 1.1
  - 🛠️ Fixed: unable to parse xml with BOM: error "content is not allowed in prolog"
- 1.0
  - ➕ Brand new 🤖