

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 fitnessse instance below (replace localhost by `$(FITNESSE_HOST_NAME)`).

Environment variables
name
value
List of key-value pairs

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

Tool Locations
Name
Home
List of tool locations

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 fitnessse tests
Fitnessse instance
 Fitnessse instance is already running
Fitnessse Host
Fitnessse Port

- For new FitNesse instance:
 - JDK**: selected JDK, JVM args and Java working directory
 - Paths**: fitnessse.jar and FitNesseRoot path
 - Fitnessse**: 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	JDK7
Java startup options	
Java working directory	/home/me/fitnessse
Path to fitnessse.jar	/home/me/fitnessse/fitnessse-standalone.jar
Path to FitNesseRoot	/home/me/fitnessse/FitNesseRoot
Port for Fitnessse instance	8888
Additional Fitnessse command line options (e.g. -o)	

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

Target

Target Page	FitSuite
Is target a suite?	<input checked="" type="checkbox"/>
Output	
HTTP Timeout (ms)	60000
Test Timeout (ms)	60000
Path to fitnessse xml results file	/tmp/fitnessse-results.xml

Project settings in post-build step

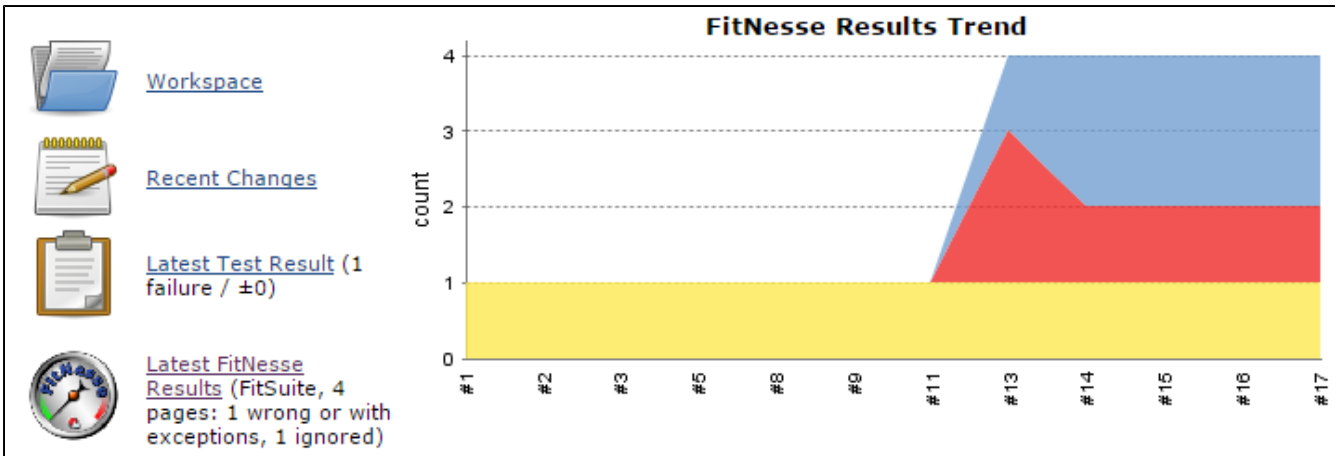
- Results file name: the name of the result file ; if there is several files, you can use wildcards.

Post-build Actions

<input checked="" type="checkbox"/> Publish Fitnessse results report	
Path to fitnessse xml results file	/tmp/fitnessse-results.xml

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	Details	FitSuite.TestFailed?pageHistory&resultDate=20141104084226

Ignored: 1

Name	Ignored	Duration	Details-Captured	Details-Remote
FitSuite.TestSkipped	1	0.081	Details	FitSuite.TestSkipped?pageHistory&resultDate=20141104084226

Right: 2

Name	Right	Ignored	Duration	Details-Captured	Details-Remote
FitSuite.TestCorrect	10	0	0.201	Details	FitSuite.TestCorrect?pageHistory&resultDate=20141104084225
FitSuite.TestMixte	7	1	0.136	Details	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	0	no	0	no
10	0	no	0	yes
0	0	yes	0	yes
10	0	yes	0	yes
0	0	no	1	no
10	0	no	1	no
0	0	yes	1	no
10	0	yes	1	no

Todo

- Run fitnesse tests using "-c" option when starting new fitnesse instance
- Add more control over fitnesse start-up params
- Using glob to collect (potentially) multiple results.xml files
- Nest Sub-suites and tests-within-suites within the uber-parent FitnesseResults 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

- **1.28** (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 fitness.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 fitness.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