

# Clover PHP Plugin

## Plugin Information

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

This plugin allows you to capture code coverage reports from **PHPUnit**. For more information on how to set up PHP projects with Jenkins have a look at the [Template for Jenkins Jobs for PHP Projects](#).

## PHPUnit

You have to use "**--coverage-clover**" option to generate clover style coverage report. The following setting is for Phing.

### build.xml

```
<exec dir="."
      command="phpunit --log-junit 'reports/unitreport.xml'
                --coverage-html 'reports/coverage'
                --coverage-clover 'reports/coverage/coverage.xml'
                test/"
/>
```

Or use phpunit task with **clover** style formatter.

### build.xml with phpunit task

```
<phpunit codecoverage="true" haltonfailure="true" haltonerror="true">
  <formatter type="clover" usefile="false"/>
  <batchtest>
    <fileset dir="tests">
      <include name="**/*Test*.php"/>
    </fileset>
  </batchtest>
</phpunit>
```

## Project configuration

- the location of clover xml(required).
- the location of clover html report (optional).

<input checked="" type="checkbox"/> Publish Clover PHP Coverage Report													
Clover XML Location	<input type="text" value="phpsample/reports/coverage/coverage.xml"/>												
Specify the name of the Clover xml file generated relative to <a href="#">the workspace root</a> .													
<input checked="" type="checkbox"/> Publish HTML Report													
Clover HTML report directory	<input type="text" value="phpsample/reports/coverage"/>												
Specify the path to the directory that contains the Clover HTML report file, relative to <a href="#">the workspace root</a>													
<input type="checkbox"/> Disable report archiving													
Coverage Metric Targets													
	<table border="1"><thead><tr><th></th><th>% Methods</th><th>% Statements</th></tr></thead><tbody><tr><td></td><td><input type="text" value="30"/></td><td><input type="text" value="80"/></td></tr><tr><td></td><td><input type="text"/></td><td><input type="text"/></td></tr><tr><td></td><td><input type="text"/></td><td><input type="text"/></td></tr></tbody></table>		% Methods	% Statements		<input type="text" value="30"/>	<input type="text" value="80"/>		<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>
	% Methods	% Statements											
	<input type="text" value="30"/>	<input type="text" value="80"/>											
	<input type="text"/>	<input type="text"/>											
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Configure health reporting thresholds. For the  row, leave blank to use the default values (i.e. 70, and 80 for methods, and statements respectively). For the  and  rows, leave blank to use the default values (i.e. 0).													

## Project screen

**Jenkins** search  sogabe | log out

Jenkins » private » php-sample ENABLE AUTO REFRESH

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## Project php-sample

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**Disk Usage:** Workspace 20MB, Builds 572KB

[Clover HTML Report](#)

[Workspace](#)

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### Code Coverage - 48% (12/25 elements)

Methods 50%      Statements 47.1%

### Build History (trend)

#	Time	Size
#236	May 28, 2011 3:06:20 PM	187KB
#235	May 28, 2011 3:01:08 PM	16KB
#234	May 24, 2011 2:20:12 AM	16KB
#233	May 24, 2011 2:18:11 AM	9KB
#232	May 22, 2011 10:55:36 AM	16KB
#231	May 22, 2011 10:53:27 AM	16KB

### Permalinks

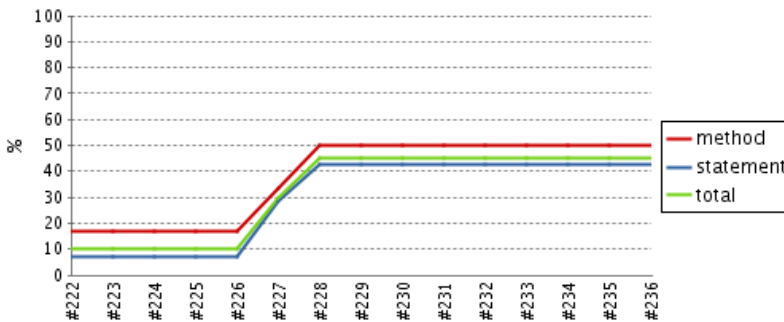
- [Last build \(#236\), 2 hr 56 min ago](#)
- [Last stable build \(#236\), 2 hr 56 min ago](#)
- [Last successful build \(#236\), 2 hr 56 min ago](#)
- [Last failed build \(#233\)](#)

Build	Method (%)	Statement (%)	Total (%)
#222	20	18	19
#223	20	18	19
#224	20	18	19
#225	20	18	19
#226	20	18	19
#227	20	18	19
#228	50	47	48
#229	50	47	48
#230	50	47	48
#231	50	47	48
#232	50	47	48
#233	50	47	48
#234	50	47	48
#235	50	47	48
#236	50	47	48

## Clover PHP Coverage Report

test/ >

### File phpsample/src/String2Util.php



### Overall Coverage Summary

name	Total Coverage %	LOC	NCLOC	method, %	statements, %
phpsample/src/String2Util.php	45%	51	44	50% (3/6)	42.9% (6/14)

### Coverage Breakdown by Class

name	Total Coverage %	method, %	statements, %
<a href="#">String2Util</a>	56.2%	75% (3/4)	50% (6/12)
<a href="#">String21Util</a>	0%	0% (0/2)	0% (0/2)

## TODO

- Make compatible with pipelines

## Changelog

## 0.5 (20 Nov, 2015)

- include namespaced classes ([JENKINS-26722](#))
- pay attention to target coverage ([JENKINS-20233](#))
- specifically publish the plugin under MIT license ([JENKINS-30215](#))

## 0.4 (6 Apr, 2015)

- support variables for configuration.
- option to generate clover report regardless of build ([JENKINS-21046](#)).
- The CloverPHP red/green coverage bar is too wide ([JENKINS-25717](#)).

## 0.3.3 (21 Mar, 2013)

- added message if clover xml is incompatible with clover style ([JENKINS-17037](#)).
- Conflict with standard clover plugin ([JENKINS-15626](#)).

## 0.3.2 (21 Oct, 2011)

- NPE when Clover HTML report directory is not defined ([JENKINS-11408](#)).
- Fixed breadcrumb.
- Fixed IE6 rendering.

## 0.3.1 (27 July, 2011)

- roll back the dependency to Jenkins 1.409 for 1.409.x LTS releases. ([Comment](#)).
- Report page rendering performance boost ([pull request](#)).

## 0.3 (3 Jun, 2011)

- Support FreeStyle and Matrix projects only.
- NPE in Clover PHP Plugin when XML config is empty ([JENKINS-9821](#)).
- save clover.xml and html report in builds/XX/cloverphp directory.

## 0.2 (28 May, 2011)

- Fixed a path when built on slave.
- Added breadcrumb.
- Added test classes.
- fixed configuration page.

## 0.1 (16 May, 2011)

- First release