

# 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"/>											
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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).												

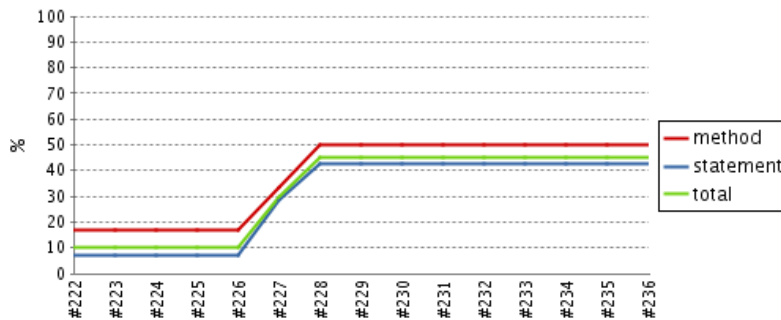
# Project screen

The screenshot shows the Jenkins interface for a project named 'php-sample'. At the top, there's a search bar and user information 'sogabe | log out'. Below the project name, there are navigation links like 'Back to Dashboard', 'Status', 'Changes', 'Workspace', 'Build Now', 'Delete Project', 'Configure', and 'Clover HTML Report'. A sidebar on the left contains a 'Build History' table with columns for build number, time, and size. The main area features a 'Project php-sample' header, a 'Clover HTML Report' icon, and a 'Code Coverage - 48% (12/25 elements)' section. This section includes a horizontal bar chart showing 50% for Methods and 47.1% for Statements, and a line graph showing coverage trends from build #222 to #236. A 'Permalinks' section lists links for the last build, last stable build, last successful build, and last failed build. A 'Disk Usage' indicator shows 'Workspace 20MB, Builds 572KB'.

## 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