


Apache Maven PMD Plugin

The PMD Plugin allows you to automatically run the PMD  code analysis tool on your project's source code and generate a site report with its results. It also supports the separate Copy/Paste Detector tool (or CPD) distributed with PMD.

This version of Maven PMD Plugin uses PMD 5.3.2 and requires Java 1.6.


The plugin accepts configuration parameters that can be used to customize the execution of the PMD tool.

Goals Overview


This plugin has 4 goals:

- `pmd:pmd` creates a PMD site report based on the rulesets and configuration set in the plugin. It can also generate a pmd output file aside from the site report in any of the following formats: xml, csv or txt.
- `pmd:cpd` generates a report for PMD's Copy/Paste Detector (CPD) tool. It can also generate a cpd results file in any of these formats: xml, csv or txt.
- `pmd:check` verifies that the PMD report is empty and fails the build if it is not. This goal is executed by default when `pmd:pmd` is executed.
- `pmd:cpd-check` verifies that the CPD report is empty and fails the build if it is not. This goal is executed by default when `pmd:cpd` is executed.

Usage

General instructions on how to use the PMD Plugin can be found on the [usage page](#). Some more specific use cases are described in the examples given below. Last but not least, users occasionally contribute additional examples, tips or errata to the [plugin's wiki page](#) .

In case you still have questions regarding the plugin's usage, please have a look at the [FAQ](#) and feel free to contact the [user mailing list](#). The posts to the mailing list are archived and could already contain the answer to your question as part of an older thread. Hence, it is also worth browsing/searching the [mail archive](#).

If you feel like the plugin is missing a feature or has a defect, you can fill a feature request or bug report in our [issue tracker](#). When creating a new issue, please provide a comprehensive description of your concern. Especially for fixing bugs it is crucial that the developers can reproduce your problem. For this reason, entire debug logs, POMs or most preferably little demo projects attached to the issue are very much appreciated. Of course, patches are welcome, too. Contributors can check out the project from our [source repository](#) and will find supplementary information in the [guide to helping with Maven](#) .

Examples

To provide you with better understanding of some usages of the Maven PMD Plugin, you can take a look into the following examples:

- [Remove Report](#)
- [Target JDK](#)
- [Using Rule Sets](#)
- [Violation Checking](#)
- [Analyzing JavaScript Code](#)
- [Analyzing Java Server Pages Code](#)