

# **Maven Tomcat 7 Plugin (t7mp) Reference Manual**

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# **Maven Tomcat 7 Plugin (t7mp) Reference Manual**

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1.0.0-SNAPSHOT

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# **Part I. How to configure the maven-t7-plugin**

This part will show you all possibilities to configure t7mp.

# 1. How to configure t7mp

## 1.1 Overview

The Tomcat 7 Maven Plugin comes with many configuration options to make usable in development and testing.

First, there is an overview of all configuration options. They will be explained after that in detail.

```
<configuration>
<tomcatHttpPort>8080</tomcatHttpPort>
<tomcatShutdownPort>8005</tomcatShutdownPort>
<tomcatShutdownCommand>SHUTDOWN</tomcatShutdownCommand>
<tomcatVersion>7.0.22</tomcatVersion>
<tomcatSetAwait>true</tomcatSetAwait>
<tomcatConfigDirectory>${basedir}/src/main/tomcat/conf</tomcatConfigDirectory>
<lookInside>false</lookInside>
<overwriteWebXML>/path/to/a/webxmlfile</overwriteWebXML>
<contextPath>${project.build.finalName}</contextPath>
<addGithubRepository>false</addGithubRepository>
<contextFile>/path/to/a/contextfile</contextFile>
<downloadTomcatExamples>false</downloadTomcatExamples>
<suspendConsoleOutput>false</suspendConsoleOutput>
<scanners>
  <scannerConfiguration />
</scanners>
<systemProperties>
  <key>value</key>
</systemProperties>
<libs>
  <jarArtifact>
    <groupId>mysql</groupId>
    <artifactId>mysql-connector-java</artifactId>
    <version>5.1.13</version>
  </jarArtifact>
  <jarArtifact>
    <groupId>commons-logging</groupId>
    <artifactId>commons-logging</artifactId>
    <version>1.1.1</version>
  </jarArtifact>
  <jarArtifact>
    <groupId>org.apache.geronimo.specs</groupId>
    <artifactId>geronimo-jms_1.1_spec</artifactId>
    <version>1.1.1</version>
  </jarArtifact>
  <jarArtifact>
    <groupId>org.apache.geronimo.specs</groupId>
    <artifactId>geronimo-j2ee-management_1.1_spec</artifactId>
    <version>1.0.1</version>
  </jarArtifact>
  <jarArtifact>
    <groupId>org.apache.geronimo.specs</groupId>
    <artifactId>geronimo-jta_1.1_spec</artifactId>
    <version>1.1.1</version>
  </jarArtifact>
  <jarArtifact>
    <groupId>org.apache.activemq</groupId>
    <artifactId>activemq-core</artifactId>
    <version>5.4.0</version>
  </jarArtifact>
</libs>
</configuration>
```

```
</jarArtifact>
</libs>
<webapps>
  <webappArtifact>
    <groupId>org.jasig.cas</groupId>
    <artifactId>cas-server-webapp</artifactId>
    <version>3.4.2</version>
    <contextPath>cas</contextPath>
  </webappArtifact>
  <webappArtifact>
    <groupId>org.apache.struts</groupId>
    <artifactId>struts2-mailreader</artifactId>
    <version>2.1.8</version>
    <contextPath>mailreader</contextPath>
  </webappArtifact>
</webapps>
</configuration>
```

## 1.2 tomcatHttpPort

With the tomcatHttpPort-Element you can define on wich port Tomcat will be available. The default value is 8080.

## 1.3 tomcatShutdownPort

With the tomcatShutdownPort-Element you can define on wich port Tomcat will listen for a shutdown command. The default value is 8005.

## 1.4 tomcatShutdownCommand

With the tomcatShutdownCommand-Element you can define what command will be accepted for an shutdown request. The default value is SHUTDOWN.

## 1.5 tomcatVersion

With the tomcatVersion-Element you can define what version of Tomcat you will run. We support all released versions of Tomcat 7 (7.0.6 - 7.0.22) and many of the latest versions of Tomcat 6 (6.0.24 - 6.0.33).

## 1.6 tomcatSetAwait

With the tomcatSetAwait-Element you can define that the maven process interrupts until an shutdown request (or Ctlr + C is pressed) will receive Tomcat. When you run integration tests set this element to false.

## 1.7 tomcatConfigurationDirectory

With the tomcatConfigurationDirectory-Element you can define where you place files like tomcat-users.xml or logging.properties if you need special configuration for your tomcat instance.

## **1.8 lookInside**

With the lookInside-Element you can configure that the t7-maven plugin debug log will shown on the console but you don't need to define the debug-level for maven.

## **1.9 overwriteWebXML**

With the overwriteWebXML-Element you can define a web.xml file that will overwrite the web.xml for testing.

## **1.10 contextPath**

With the contextPath-Element you define the context-path of the application. The default value is `${project.build.finalName}`.

## **1.11 addGithubRepository**

## **1.12 contextFile**

## **1.13 downloadTomcatExamples**

## **1.14 suspendConsoleOutput**

## **1.15 scanners**

## **1.16 systemProperties**

## **1.17 libs**

## **1.18 webapps**

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## Part II. Develop for t7mp

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