

# Maven Server-Side Settings

## Maven Settings Resolution on the Server Side

The TeamCity server invokes Maven on the server side for functionality like Maven dependency triggers and the Maven model display on the "Maven" build configuration tab.

You can upload Maven settings using the Administration | Project Settings | Maven Settings tab and then select one of the uploaded settings on the [Maven step](#) settings.

During the process, TeamCity uses the usual Maven logic for finding the `settings.xml` files with several differences (see below).

- [Global Settings](#)
- [User-Level Settings](#)

## Global Settings

Maven global-level settings are used from the `.xml` file in the default Maven location for the TeamCity server process: `${env.M2_HOME}/conf/settings.xml` (or `${system.maven.home}/conf/settings.xml`) (global values of `M2_HOME` environment variable and `maven.home` JVM option are used - those set for the TeamCity server process),

## User-Level Settings

Maven user-level settings are defined in the User settings selection [section](#) of the Maven build step of the build configuration (if there are several Maven steps, settings from the first one are used).

The following options are available:

Value	Description
<Default>	TeamCity searches the following locations for the <code>settings.xml</code> file (listed in order of priority): <ol style="list-style-type: none"><li>1. <code>&lt;TeamCity Data Directory&gt;/system/pluginData/maven/settings.xml</code></li><li>2. <code>&lt;User Home&gt;/m2/settings.xml</code> (The home directory of the user under whom the TeamCity server process runs is used)</li></ol>
<Custom>	The path to the file is provided by user. The file should be available both on the server and all the agents where the build will be run.
Uploaded settings name	TeamCity automatically uses the specified file content both on the server and agents. Maven settings are defined on the project level: the Project Settings   Maven Settings tab. The settings are stored in the <code>&lt;TeamCity Data Directory&gt;/config/projects/%projectID%/pluginData/mavenSettings</code> directory. <div style="border: 1px solid #ffc107; padding: 5px; margin-top: 10px;"> The settings are available in the current project and its subprojects. To override the inherited settings, in a subproject create a new settings file with the same name as the inherited one.</div>

For the logic of Maven settings, please refer to the related [Maven documentation](#).

User-level settings can be configured in the [Maven Artifact Dependency Trigger](#).

See also:

[Administrator's Guide: Maven | Maven Artifact Dependency Trigger](#)