Import from Maven. Page 1

Use this page to specify the import preferences. The default import settings are defined in the Maven Integration dialog.

Item	Description
Root directory	Specify the directory where the Maven projects you want to import are located.
Search for projects recursively	Select this check box to make import look for the nested `pom.xml` files.
Project format	Select the format in which you want to store your project. For the details on the two available formats, refer to the Project section.
Keep project files in	Select this check box to specify the desired location for storing project and module files.
Import Maven projects automatically	Select this check box if you want IntelliJ IDEA to perform reimport automatically each time you change your `pom.xml`.
Create IntelliJ IDEA modules for aggregator projects (with 'pom' packaging)	Clear this check box to skip creating IntelliJ IDEA modules. You might want to do that if the Maven project you import is an aggregator, and its `packaging` element has the value `pom`.
Create module groups for multi-module Maven projects	If this check box is selected, IntelliJ IDEA will create a module group from an aggregative Maven project, with the nested modules included in this group.
Keep source and test folders on reimport	If this check box is selected, the source and test folders are kept when you reimport a project.
Exclude build directory (PROJECT_ROOT/target)	Clear this check box to disable the automatic exclusion of target folders. Note if a `/target` directory contains `/target/generated-sources`, then the `/target` directory cannot be excluded since `/target/generated-sources` directory is marked as `sources`. Other subdirectories in the `/target` directory are excluded.
Use Maven output directories	If this check box is not selected, the build is created in the regular IntelliJ IDEA's output directory `USER_HOME\IdeaProjects\<project>\classes\Production\`. If this check box is selected, the build is generated in the Maven's output directory, and the results of IntelliJ IDEA's compilation are reused. However, IntelliJ IDEA itself does not reuse Maven build results and performs compilation *from scratch*.

Item	Description
Generated sources folders	Specify the directory of your source root when you reimport a project. You can select one of the following options: ▪ **Detect automatically** This is a default option. When you select this option, IntelliJ IDEA automatically detects the location of the generated sources. IntelliJ IDEA also detects which directory to mark as a source root. > Note that IntelliJ IDEA searches for the generated sources only in `target/generated-sources` and `target/generated-sources/*` directories. ▪ **target/generated-sources** This option enables you to mark the directory as a source root manually. ▪ **subdirectories of "target/generated-sources"** This option enables you to mark a subdirectory as a source root manually.
Phase to be used for folders update	Select Maven phase to be used for folders update. This might be useful if you adjust your plugins so that the additional sources are loaded at some phase.
Automatically download	Specify the automatic download of sources and documentation comments into a local repository when you open a Maven project. You can select one or both of the following check boxes: ▪ **Sources** ▪ **Documentation**
Environment settings	Click this button to specify the following fields in **Maven Environment** settings: ▪ **Maven home directory**: Specify the fully qualified name of the Maven installation directory. ▪ **Maven user settings file**: Specify the path to the file that contains user-specific configuration for Maven. ▪ **Local Repository**: By default, the field shows the path to the local directory under the user home that stores downloads and contains the temporary build artifacts that you have not yet released. If you need to specify different directories, select **Override** check box next to the field in question, click the ellipsis button and select the desired path.

See Also

Concepts:

▪ Maven

Procedures:

- Importing Project from Maven Model

Reference:

- Maven

Web Resources:

- Developer Community ⤢