

Demo on creating Maven Project

Using IDE how to create a Maven Project

To create a Maven project using an Integrated Development Environment (IDE) like Eclipse or IntelliJ IDEA, you can follow these general steps:

Using Eclipse:

1. Open Eclipse IDE.
2. Go to "File" -> "New" -> "Other".
3. In the "New" dialog, expand the "Maven" folder, select "Maven Project", and click "Next".
4. Select the option "Create a simple project (skip archetype selection)" and click "Next".
5. Provide the Group Id and Artifact Id for your Maven project. These values are used to uniquely identify your project. For example:
 - Group Id: com.example
 - Artifact Id: my-maven-project
 - Click "Finish".
6. Eclipse will create the Maven project structure with a pom.xml file and a default directory structure (src/main/java, src/test/java, etc.).
7. You can start adding Java source code to the project by creating packages and classes in the appropriate directories within src/main/java.

Using IntelliJ IDEA:

1. Open IntelliJ IDEA IDE.
2. Go to "File" -> "New" -> "Project".
3. In the "New Project" dialog, select "Maven" from the left menu.
4. Choose the option "Create from archetype" and click the "Add Archetype" button.
5. In the "Add Archetype" dialog, fill in the following details:
 - Group Id: org.apache.maven.archetypes
 - Artifact Id: maven-archetype-quickstart
 - Version: (Leave it as default)
 - Repository: (Leave it as default)
 - Click "OK".
6. Back in the "New Project" dialog, select the recently added archetype and click "Next".
7. Provide the Group Id and Artifact Id for your Maven project. These values are used to uniquely identify your project. For example:
 - Group Id: com.example
 - Artifact Id: my-maven-project
 - Click "Next".
8. Choose the project location and click "Finish".
9. IntelliJ IDEA will create the Maven project structure with a pom.xml file and a default directory structure (src/main/java, src/test/java, etc.).
10. You can start adding Java source code to the project by creating packages and classes in the appropriate directories within src/main/java.