

Demo on creating Gradle Project

Using IDE how to create a Gradle Project

To create a Gradle 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. Click on "File" in the menu bar and select "New" and then "Other".
3. In the "Select a wizard" window, expand the "Gradle" folder and choose "Gradle Project". Click "Next".
4. In the "New Gradle Project" window, enter the project details such as the project name, location, and build script DSL (Groovy or Kotlin).
5. Click "Next" to proceed.
6. In the "New Gradle Project" window, select the desired options for your project:
7. Select the desired Java version for your project.
8. Click "Finish" to create the Gradle project.
9. Eclipse will generate the Gradle project structure and import it into the workspace.
10. You can now work with your Gradle project in Eclipse, including managing dependencies, running tasks, and building the project using Gradle.
11. Note: Ensure that you have the Gradle Buildship plugin installed in your Eclipse IDE. You can install it by going to "Help" -> "Eclipse Marketplace" and searching for "Gradle Buildship". Once installed, restart Eclipse to enable Gradle support

Using IntelliJ IDEA:

1. Launch IntelliJ IDEA and select "Create New Project" on the Welcome screen. If you already have a project open, you can also go to "File" > "New" > "Project".
2. In the "New Project" window, choose "Gradle" from the left sidebar. Ensure that the "Java" option is selected under "Additional Libraries and Frameworks". Click on "Next".
3. Specify the project location and click "Next".
4. Configure the project settings:
 - Set the "Group Id" and "Artifact Id" to uniquely identify your project.
 - Select the desired "Java version" for your project.
 - Choose the desired "Gradle version" (or leave the default).
 - Click "Next".
5. Select the desired project template. You can choose "Empty Project" or any other template based on your requirements. Click "Next".
6. Configure project dependencies:
 - Add any required libraries or frameworks by clicking on the "+" icon and selecting the desired dependencies.
 - Click "Next".
7. Specify the project name and location for the IntelliJ project files. Click "Finish" to create the project.
8. IntelliJ IDEA will create the Gradle project structure and download the necessary dependencies specified in your build.gradle file.