Creating a Java Module

Java modules let you develop Java SE and Java EE applications. The core functionality provided by a Java module can be extended by adding support for various technologies and frameworks. In IntelliJ IDEA these additional frameworks and technologies are represented by facets.

You can create a Java module when creating a project. You can also add a Java module to an existing project.

To create a Java module

1. Do one of the following:

   - If you are going to create a new project: click **Create New Project** on the Welcome screen or select **File | New Project**.

     As a result, the New Project wizard opens.

   - If you are going to add a module to an existing project: open the project you want to add a module to, and select **File | New Module**.

     As a result, the New Module wizard opens.

2. On the first page of the wizard, in the left-hand pane, select **Java**.

3. In the right-hand part of the page, specify the SDK (JDK) to be used in your project. Select the JDK from the list, or click **New**, select **JDK** and select the installation folder of the desired JDK.

   If necessary, select additional technologies to be supported and specify the associated settings. For more information, see Additional Technologies.

   Click **Next**.

4. Sometimes, you have an option of creating a template-based sample project. In such cases, the page is shown with the **Create project from template** check box.

   If you select this check box, a sample Java class will be created in your project along with a run configuration for that class.

5. Specify the name and location settings. For more information, see Project Name and Location or Module Name and Location.

   Click **Finish**.

See Also

Concepts:

- Module
- Facet

Reference:

- New Project Wizard
- New Module Wizard

Web Resources:

- Developer Community 🖻