

Creating EJB

IntelliJ IDEA provides the following ways to create beans:

- Manually, by means of direct [editing](#) the `ejb-jar.xml` file, using the extensive coding assistance provided by IntelliJ IDEA.
- Using the [context menu](#) commands.

To create an enterprise Java bean using the editor

1. Open the deployment descriptor file `ejb-jar.xml` for editing.
2. Create the `<enterprise-beans>` section.
3. In this section, create tags for the desired bean types: `<session>`, `<entity>`, or `<message-driven>`
4. Specify the bean name and class by adding tags `<ejb-name>`. and `<ejb-class>`. Note that you can specify the target package in this tag, for example, `samples.ejb.ManuallyCreatedEntity`, using code completion after each dot.
5. If the declared class does not yet exist, IntelliJ IDEA suggests a quick fix:



Choose **Create Class** `<class name>` from the suggestion list. If the target package was not defined in the `<ejb-class>` tag, select the desired package in the **Choose Destination Directory** dialog box. The stub class is created in the specified location.

6. Proceed with defining the other bean components.

To create an enterprise Java bean, follow these general steps

1. Open the [EJB tool window](#).
2. Right-click the desired module, choose **New** on the context menu, and then select the bean type on the submenu.

The **New** `<bean type>` **Bean** dialog box opens.

Alternatively, choose **Jump to Source** on the context menu of a module, to open the dedicated editor, in the **General** tab click **New**, or right-click the diagram background in the **EJB Relationships** tab, and select the desired bean type.

3. Specify the [bean name](#), [class](#) and [package](#).
4. Define the bean-specific settings:
 - For Entity beans (1.x and 2.x) and Session beans (1.x and 2.x), [configure local and remote interfaces](#).
 - For Entity beans (1.x and 2.x), [configure primary keys](#) and [CMP bean fields](#).
 - For Message beans, [configure message listener](#).
 - For Session beans, [configure service endpoint](#).

See Also

Concepts:

- [EJB](#)

Procedures:

- [Configuring Service Endpoint](#)
- [Editing Module with EJB Facet](#)

Reference:

- [Java EE Reference](#)

External Links:

- [Developing and running a Java EE Hello World application in IntelliJ IDEA](#) 

Web Resources:

- [Developer Community](#) 