

## Creating Local and Remote Interfaces

---

Local and remote interfaces are used to provide access to the bean from the calling clients, and are defined for the following types of beans:

- Entity Beans, both CMP and BMP versions 1.x and 2.x
- Session Beans versions prior to 3.0

IntelliJ IDEA provides the following ways to create local and remote interfaces:

- 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 define local and remote interfaces of an enterprise bean using the editor

1. Open the deployment descriptor file `ejb-jar.xml` for editing.
2. In the `<entity>` section, create tag `<local>`, or `<remote>` and type the name of the desired interface. Note that you can specify the target package in this tag, for example, `samples.ejb.ManuallyCreatedEntityLocalInterface`, using code completion after each dot.
3. 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.

### To configure local and remote interfaces

1. [Open the New Bean dialog box](#).
2. If you need to configure remote client view of a bean, select the **Remote Interface** check box.
  - In the **Home** field specify the name for the bean *remote home interface*.
  - In the **Remote** field specify the name for the bean *remote interface*.
3. If you need to configure local client view of a bean, select the **Local Interface** check box.
  - In the **Home** field specify the name for the bean *local home interface*.
  - In the **Remote** field specify the name for the bean *local interface*.

### See Also

Concepts:

- [EJB](#)

Reference:

- [EJB Module Editor](#)

Web Resources:

- [Developer Community](#) 