

Defining Application Servers in IntelliJ IDEA

To define a server in IntelliJ IDEA, in most of the cases, all you have to do is to specify where the corresponding server is installed. For hosted server systems (Cloud Foundry or CloudBees), you should specify your user account details instead.

You can define a server separately in the **Settings** dialog. You can also define a server when creating a [project](#) or adding a [module](#) to an existing project. Finally, you can define a server at a later time, when creating an application server [run/debug configuration](#).

Note that if you specify the server that you are going to use when creating a project or module, IntelliJ IDEA will create a [run/debug configuration](#) for the corresponding server. (Otherwise, you'll have to do it yourself.) So it's recommended that you define the necessary server before or when creating a project or module.

- [Defining a server in the Settings dialog](#)
- [Defining a server when creating a project or module](#)
- [Defining a server when creating a run/debug configuration](#)

To define a server in the Settings dialog

1. [Open the Settings dialog](#) (e.g. `Ctrl+Alt+S`).
2. In the left-hand pane, under **IDE Settings**, click **Application Servers**.
3. On the **Application Servers** page that opens in the right-hand part of the dialog, click **+**. (Alternatively, press `Alt+Insert`.)
4. Select the server that you are going to use from the list.
5. In the dialog that opens, specify the server settings and click **OK**. (For most of the servers, you have to specify just the server installation directory (referred to as the server home). For hosted server systems (Cloud Foundry or CloudBees), you should specify your user account details.) For more information, see [Application Servers](#).
6. Click **OK** in the **Settings** dialog.

To define a server when creating a project or module

1. Start creating a project or module from scratch (e.g. **File | New Project** or **File | New Module**). See also, [Creating a Project from Scratch](#) or [Creating a Module from Scratch](#).
2. On the first page of the wizard, select **Java Module**. Specify other settings as necessary and click **Next**. For more information, see [Creating a Java Module](#).
3. On the second page of the wizard (the [Technologies page](#)), in the left-hand pane, select **Application Server**.
4. Use the list in the right-hand part of the page to define a "new server" or to select a server whose definition already exists in IntelliJ IDEA. (The options that start with **New** are for defining "new servers". For example, if Tomcat is not yet defined in IntelliJ IDEA and you want to add its definition now, select **New Tomcat Server** and specify its installation directory in the field that appears underneath the list.)
5. If necessary, select the technologies and frameworks that you want to use, specify the associated settings and click **Finish** to complete the wizard.

To define a server when creating a run/debug configuration

1. Open the **Run/Debug Configurations** dialog (e.g. **Run | Edit Configurations**).
2. Click **+** (Alt+Insert), select the server of interest (e.g. **Tomcat Server**) and, if available, select **Local** or **Remote**.
3. In the right-hand part of the dialog, on the **Server** tab, click **Configure** to the right of the **Application server** list.
4. In the dialog that opens specify the server settings and click **OK**.
5. Specify other run/debug configuration settings as necessary and click **OK**.

See Also

Procedures:

- [Working with Application Servers](#)
- [Working with Server Run/Debug Configurations](#)

Reference:

- [Application Servers](#)

Web Resources:

- [Developer Community](#) 