Enabling Spring Support

To enable Spring support:

- Make sure that all the necessary IntelliJ IDEA plugins are enabled. These are the Spring Support plugin (for general Spring support) and also a number of other, more specific plugins (Spring Security, Spring Integration, etc.).

- Create a Java module with a Spring facet or add a Spring facet to an existing Java module.

On this page:

- Making sure that the Spring Support and other Spring plugins are enabled
- Creating a module with a Spring facet
- Adding a Spring facet to an existing module

To make sure that the Spring Support and other Spring plugins are enabled

1. Open the Settings dialog (e.g. `Ctrl+Alt+S`).

2. In the left-hand part of the dialog, under **IDE Settings**, select **Plugins**.

3. In the right-hand part of the dialog, on the Plugins page, type `spring` in the search box. As a result, only the plugins whose names and descriptions contain `spring` are shown in the list of plugins.

4. If the check box to the left of **Spring Support** is not selected, select it. If you are going to use particular Spring frameworks (Spring Security, Spring Integration, etc.), make sure that the check boxes next to their names are also selected.

5. Click **OK** in the **Settings** dialog.

6. If suggested, restart IntelliJ IDEA.

To create a module with a Spring facet

Depending on the situation, you can choose to create a new project or to add a module to an existing project.

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 **Spring**. In the right-hand part of the page, specify the JDK that you are going to use.

3. Select the required library option and, if necessary, specify the associated settings. You can choose to:

   - Download and use a Spring implementation library.

     To do that, select **Download**.

     Now, to view or modify the associated options, click **Configure**, and in the **Downloading Options** dialog that opens:

     - Select the Spring version that the library should implement.

     - Specify the library name.

     - Select the library level (global, project, or module).

     - Under **Files to download**, select which of the files you want to download.

     - Under **Copy downloaded files to**, specify the path to the destination folder. If you want to change the default path, click ⋯ and specify the folder location in the dialog that opens.

   - Use a Spring library IntelliJ IDEA is already aware of.

     To do that, click **Use library** and select the required library from the list.

     If necessary, configure the library settings (for example, change its name). This is done in the **Edit Library** dialog which you can open by clicking **Configure**.

   - Create a new library using the appropriate JAR files available on your computer.

     To do that, click **Use library** and then click **Create**. Select the required JAR files in the dialog that opens. (Keep the `Ctrl` key pressed to perform multiple selection.)

     If necessary, configure the new library (for example, change its name or level). To do that, click **Configure** and specify the required settings in the **Create Library** dialog.

   - Postpone setting up the library until a later time. In this case, select **Set up library later**.

4. If you want to enable support for more specific Spring features or frameworks (for example, Spring Security, Spring Integration, etc.), select the corresponding check boxes and specify the associated library options. The procedure is similar to that for the Spring library.

   Click **Next**.

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

   Click **Finish**.

To add a Spring facet to an existing module

1. Open the Project tool window (e.g. **View | Tool Windows | Project**).

2. Right-click the module and select **Add Framework Support**.

3. In the left-hand pane of the **Add Frameworks Support** dialog, select the **Spring** check box.

4. Select the required library option and, if necessary, specify the associated settings. You can choose to:

   - Download and use a Spring implementation library.

     To do that, select **Download**.

     Now, to view or modify the associated options, click **Configure**, and in the **Downloading Options** dialog that opens:

     - Select the Spring version that the library should implement.

     - Specify the library name.

     - Select the library level (global, project, or module).

     - Under **Files to download**, select which of the files you want to download.

     - Under **Copy downloaded files to**, specify the path to the destination folder. If you want to change the default path, click ⋯ and specify the folder location in the dialog that opens.

   - Use a Spring library IntelliJ IDEA is already aware of.

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   - Create a new library using the appropriate JAR files available on your computer.

     To do that, click **Use library** and then click **Create**. Select the required JAR files in the dialog that opens. (Keep the Ctrl key pressed to perform multiple selection.)

     If necessary, configure the new library (for example, change its name or level). To do that, click **Configure** and specify the required settings in the **Create Library** dialog.

   - Postpone setting up the library until a later time. In this case, select **Set up library later**.

5. If you want to enable support for more specific Spring features or frameworks (for example, Spring Security, Spring Integration, etc.), select the corresponding check boxes and specify the associated library options. The procedure is similar to that for the Spring library.

6. Click **OK** in the **Add Frameworks Support** dialog.

See Also

Language and Framework-Specific Guidelines:

- Spring

Web Resources:

- Developer Community 🔗