

Configuring Global, Project and Module SDKs

To find out how various Software Development Kits (SDKs) are used in IntelliJ IDEA, see [SDK](#).

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To configure SDKs at the global (IDE) level

1. [Open the Project Structure dialog](#) (e.g. Ctrl+Shift+Alt+S).
2. In the left-hand pane, under **Platform Settings**, click **SDKs**.
3. To add a new SDK, click **+** and select the desired [SDK type](#).
4. In the [dialog that opens](#), select the SDK home directory and click **OK**.

As a result, a new SDK is added to IntelliJ IDEA, and its settings are shown on the [SDK page](#) in the right-hand part of the dialog.

5. Optionally, edit the SDK name and [contents](#).
6. If necessary, add more SDKs as described above.
7. Click **OK** in the **Project Structure** dialog.






To configure a project SDK

1. [Open the Project Structure dialog](#) (e.g. Ctrl+Shift+Alt+S).
2. In the left-hand pane, under **Project Settings**, click **Project**.
3. On the [page that opens](#) in the right-hand part of the dialog, select the necessary SDK from the **Project SDK** list.
4. If the desired SDK is not present in the list, click **New** and select the necessary [SDK type](#).
5. In the [dialog that opens](#), select the SDK home directory and click **OK**.

As a result, a new SDK is added to IntelliJ IDEA and selected as the project SDK.

6. To view or edit the SDK name and [contents](#), click **Edit**. (The [SDK page](#) will open.)
7. Click **OK** in the **Project Structure** dialog.

To configure a module SDK

1. [Open the Project Structure dialog](#) (e.g. Ctrl+Shift+Alt+S).
2. In the left-hand pane, under **Project Settings**, click **Modules**.
3. In the area under **+** **-**     , select the module of interest.
4. In the right-hand part of the dialog, on the **Module** page, select the [Dependencies](#) tab.
5. Select the SDK from the **Module SDK** list. (To select the project SDK, select **Project SDK**. Note that if you change the project SDK later, the module SDK will change accordingly.)
6. If the desired SDK is not present in the list, click **New** and select the necessary [SDK type](#).
7. In the [dialog that opens](#), select the SDK home directory and click **OK**.

As a result, a new SDK is added to IntelliJ IDEA and associated with the module.

8. To view or edit the SDK name and [contents](#), click **Edit**. (The [SDK page](#) will open.)
9. Click **OK** in the **Project Structure** dialog.

To make Apple JDK sources accessible in IntelliJ IDEA on OS X

The Apple JDK included in OS X installation doesn't contain the JDK sources. So to make those sources accessible in IntelliJ IDEA, you should download and install the Java for OS X Developer Package and then add the JDK sources contained in this package (`src.jar`) to the definition of the corresponding JSDK in IntelliJ IDEA.

1. In a Web browser, go to the [Downloads for Apple Developers page](#).
2. Sign in to the downloads page using your Apple developer account (Apple ID and password).
3. Download and install the Java for OS X Update Developer Package suitable for the OS X version that you are using.
4. In IntelliJ IDEA, [open the Project Structure dialog](#) (e.g. `Ctrl+Shift+Alt+S`).
5. In the left-hand pane, under **Platform Settings**, select **SDKs**.
6. In the second from the left pane, select the Apple JDK of interest. (If the corresponding JDK is not present in the list, add its definition, see [Configuring SDKs at the global \(IDE\) level](#).)
7. On the [SDK page](#) shown in the right-hand part of the dialog, select the **Sourcepath** tab and click **+** (`Alt+Insert`).
8. In the [dialog that opens](#), select the file `src.jar` and click **OK**.

(Usually, this file is located in

```
/Library/Java/JavaVirtualMachines/<java.version>/Contents/Home
```

where `<java.version>` is your JDK version, for example, `1.6.0_31-b04-415.jdk` or something similar.)

9. Click **OK** in the **Project Structure** dialog.

See Also

Concepts:

- [SDK](#)

Reference:

- [SDKs](#)

Web Resources:

- [Developer Community](#)