

## Project Category and Options

---

This page of the **New Project** wizard opens when you select **New Project** from the **File** menu or **Create New Project** on the Welcome screen.

---

In the left-hand pane, select the project category. This may be the technology that you are going to use, the platform or runtime that your development is going to target, etc.

In the right-hand part of the page, select additional options and specify associated settings.

Don't worry about selecting "wrong" options at the moment. Just select the ones that you think suit you best. If necessary, you will be able to make the necessary changes to your project at a later time.

Note that the set of options you can select from depends on which [plugins](#) are currently enabled in IntelliJ IDEA.

- [Java](#)
- [Java Enterprise](#)
- [Spring](#)
- [Java FX](#)
- [J2ME](#)
- [Android](#)
- [IntelliJ Platform Plugin](#)
- [Maven](#)
- [Gradle](#)
- [Groovy](#)
- [Static Web](#)
- [Flash](#)
- [Empty Project](#)

### Java

Select this option if you are going to develop a [Java](#) application.

Item	Description
Project SDK	<p>Specify an <a href="#">SDK</a> to be used.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click <b>New</b> and select the <a href="#">SDK type</a>. (It's likely that it's the <b>JDK</b> option that you want at the moment.) Then, in the <a href="#">dialog that opens</a>, select the installation folder of the desired SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>

If necessary, select additional options and specify associated settings. For more information, see [Additional Technologies](#).

### Java Enterprise

Select this option if you are going to develop a [Java EE](#) application.

Item	Description
Project SDK	<p>Specify an <a href="#">SDK</a> to be used.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click <b>New</b> and select the <a href="#">SDK type</a>. (It's likely that it's the <b>JDK</b> option that you want at the moment.) Then, in the <a href="#">dialog that opens</a>, select the installation folder of the desired SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>
Java EE version	Select the Java EE version to be supported.
Application Server	<p>Specify the application server that you are going to use to deploy and run your application. As a result, IntelliJ IDEA will create a <a href="#">run/debug configuration</a> for the specified server. (You can specify the server later.)</p> <p>You can select a server which IntelliJ IDEA is already aware of, or specify another "new" server.</p> <p>To specify a new server, click <b>New</b> and select the server of interest. Then, specify the server settings:</p> <ul style="list-style-type: none"> <li>■ For a server installed locally, specify the path to the server installation directory. (Click  to select the directory in the <a href="#">corresponding dialog</a>.)</li> <li>■ For a hosted server (Cloud Foundry or CloudBees), specify your user account details.</li> </ul>

Select additional options and specify associated settings. For more information, see [Additional Technologies](#).

## Spring

Select this option if you are going to develop a [Spring](#) application.

Item	Description
Project SDK	<p>Specify an <a href="#">SDK</a> to be used.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click <b>New</b> and select the <a href="#">SDK type</a>. (It's likely that it's the <b>JDK</b> option that you want at the moment.) Then, in the <a href="#">dialog that opens</a>, select the installation folder of the desired SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>

For information on other options and settings, see:

- [Spring](#)
- [Spring MVC, Spring Batch, or other Spring framework](#)
- [Additional Technologies](#)

See also, [Enabling Spring Support](#).

## Java FX

Select this option if you are going to develop a [JavaFX](#) application.

Item	Description
Project SDK	<p>Specify an <a href="#">SDK</a> to be used.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list. Note that a JDK version 7 or later should be specified.</p> <p>If the list is empty or doesn't contain the JDK that you need, click <b>New</b> and select <b>JDK</b>. Then, in the <a href="#">dialog that opens</a>, select the installation folder of the required JDK. (By this time, the corresponding JDK must already be installed on your computer. If it isn't, download and install it first.)</p>

## J2ME

Select this option if you are going to develop for [Java ME](#).

Item	Description
SQL Support	Select the check box to enable <a href="#">SQL</a> support. Select the SQL dialect to be used by default from the list.

## Android

Select this option if you are going to develop for the [Android](#) OS. Select:

- **Gradle: Android Module** to develop a Gradle-based Android application or library.
- **Application Module** to develop an Android application.
- **Empty Module** to develop an Android application or library.
- **Library Module** to develop a shared Android library.

## IntelliJ Platform Plugin

Select this option if you are going to develop a [plugin](#) for IntelliJ IDEA or other IntelliJ Platform-based IDE.

Item	Description
Project SDK	<p>Specify an <a href="#">SDK</a> to be used.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click <b>New</b> and, in the <a href="#">dialog that opens</a>, select the installation folder of the desired IntelliJ IDEA version. (An IntelliJ IDEA installation acts as an IntelliJ IDEA Plugin SDK.) (By this time, the corresponding IntelliJ IDEA version must already be installed on your computer. If it isn't, download and install it first.)</p>
Groovy	<p>Select the check box to be able to use <a href="#">Groovy</a>. Specify the Groovy installation to be used.</p> <p><b>Use library.</b> If the desired version of Groovy is already defined in IntelliJ IDEA, select it from the list. (Groovy in IntelliJ IDEA is represented by a <a href="#">library</a>.)</p> <p><b>Create.</b> Click this button to create a library for Groovy. In the <a href="#">dialog box that opens</a>, select the Groovy installation directory.</p>

Item	Description
SQL Support	Select the check box to enable <a href="#">SQL</a> support. Select the SQL dialect to be used by default from the list.

## Maven

Select this option if you are going to develop a [Java](#) application with dependencies managed by [Maven](#).

Item	Description
Project SDK	Specify an <a href="#">SDK</a> to be used. If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.  Otherwise, click <b>New</b> and, in the <a href="#">dialog that opens</a> , select the installation folder of the desired Java SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)
Create from archetype	If this check box is not selected, the new <code>pom.xml</code> file will contain the basic information. If this check box is selected, the new module will be created on the base of a Maven archetype chosen from the list that includes both the standard archetypes, and the ones found in Maven indices. You can modify Maven properties on <a href="#">Maven Settings Page</a> . If you want to populate the list with some archetype from a remote Maven repository, click the <b>Add Archetype</b> button, and find the desired archetype by Maven coordinates specified in <a href="#">Add Archetype Dialog</a> .

## Gradle

Select this option if you are going to develop a [Java](#) application with dependencies managed by [Gradle](#).

Item	Description
Project SDK	Specify an <a href="#">SDK</a> to be used. If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.  Otherwise, click <b>New</b> and select the <a href="#">SDK type</a> . (It's likely that it's the <b>JDK</b> option that you want at the moment.) Then, in the <a href="#">dialog that opens</a> , select the installation folder of the desired SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)
Use auto-import	Select this check box to resolve all the changes made to the Gradle project automatically every time you refresh your project.
Use default gradle wrapper (recommended)	Select this option to use Gradle wrapper. Using Gradle wrapper lets you get automatic Gradle download for the build. It also lets you build with the precise Gradle version.
Use customizable gradle wrapper	Select this option to use Gradle wrapper customization in script.

Item	Description
Use local gradle distribution	Select this option to run local build scripts.
Gradle home	Use this field to specify the fully qualified path to your Gradle installation. This field becomes active when you select <b>Use local gradle distribution</b> .

## Groovy

Select this option if you are going to develop a [Groovy](#), [Grails](#) or [Griffon](#) application.

Item	Description
Project SDK	Specify an <a href="#">SDK</a> to be used.  If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.  Otherwise, click <b>New</b> and select the <a href="#">SDK type</a> . (It's likely that it's the <a href="#">JDK</a> option that you want at the moment.) Then, in the <a href="#">dialog that opens</a> , select the installation folder of the desired SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)
Groovy library	If the desired version of Groovy is already defined in IntelliJ IDEA, select it from the list. (Groovy in IntelliJ IDEA is represented by a <a href="#">library</a> .)  <b>Create</b> . Click this button to create a library for Groovy. In the <a href="#">dialog box that opens</a> , select the Groovy installation directory.

## Static Web

Select **Static Web** if you are going to develop a Web application using [HTML/CSS](#), [JavaScript](#), [PHP](#) and related frameworks.

The other options are for developing a Web site or a Web front end using an [HTML5 Boilerplate](#) template, or the [Foundation](#) or the [Bootstrap](#) framework.

## Flash

Select this option if you are going to develop for the [Adobe Flash runtimes](#) using [Flex](#) or [ActionScript](#). Specify the associated settings.

Item	Description
Target platform	Select the target environment for the content that you are going to develop: <ul style="list-style-type: none"> <li>■ <b>Web</b> for Flash player / Web browser-targeted content.</li> <li>■ <b>Desktop</b> for Adobe AIR-targeted content.</li> <li>■ <b>Mobile</b> for the content intended for mobile devices (Android, iOS, etc.).</li> </ul>
Pure ActionScript	Select this check box if you are not going to use MXML (i.e. all your source code will be written in ActionScript).

Item	Description
Output type	<p>Select the intended output type, that is, what your resulting content is going to be:</p> <ul style="list-style-type: none"> <li>■ <b>Application.</b> A runnable application, an SWF file.</li> <li>■ <b>Runtime-loaded module.</b> A dynamically-loadable <a href="#">module</a>, an SWF file.</li> <li>■ <b>Library.</b> An SWC file.</li> </ul>
Target devices	<p>For a Mobile Application: use the <b>Android</b> and <b>iOS</b> check boxes to specify the intended target devices for your application.</p> <p>As a result, IntelliJ IDEA enables or disables creating an application descriptor and packaging your application for the corresponding devices. (The <b>Android</b> and <b>iOS</b> check boxes on this page correspond to the <b>Enabled</b> check boxes on the <a href="#">Android</a> and <a href="#">iOS tabs</a> in the <a href="#">build configuration</a> that will be created.)</p>
Flex/AIR SDK	<p>Select the Flex or AIR <a href="#">SDK</a> to be used.</p> <p>If the list is empty or does not contain the required SDK, click  (Shift+Enter) and add the required SDK in the <b>Configure SDK</b> dialog.</p>
Target player	<p>For the Web target platform: the target Flash Player version (readonly). (This setting is defined by the selected Flex SDK version.)</p>
Create sample app	<p>For the Application output type: select this check box if you want a sample application to be created.</p> <p>You can use this sample application for learning and also as a basis for your own application development.</p> <p>If necessary, change the source file name suggested by IntelliJ IDEA.</p>
Create HTML wrapper template	<p>For a Web Application: select this check box if you want an <a href="#">HTML wrapper</a> template for your application to be created.</p> <p>Select or deselect the associated options as needed:</p> <ul style="list-style-type: none"> <li>■ <b>Enable integration with browser navigation</b> . Select this option to enable deep linking. <ul style="list-style-type: none"> <li>Deep linking lets users navigate their interactions with the application by using the <b>Back</b> and <b>Forward</b> buttons in their browser.</li> </ul> </li> <li>■ <b>Check Flash player version</b> . If you select this option, the compiled application will check for the correct version of Flash Player.</li> <li>■ <b>Express install</b> . If you select this option, the application will run an SWF file in the existing Flash Player to upgrade users to the latest version of the player.</li> </ul>

## Empty Project

If you select this option, IntelliJ IDEA will create just a minimal folder structure and the necessary project definition files. You'll be able to expand your project later.