

New Module. Main Settings

File | New Module

From the **Project** tool window: select a module folder, then **New | Module** in the context or main menu

From the **Project Structure** dialog: **Modules | + | New Module**

Specify what you are going to use your **module** for by selecting the necessary option in the **selector pane** (in the left-hand part of the page). Specify the associated settings in the right-hand part of the page (the module name, location, etc.).

The available options, roughly, correspond to module types and, as a rule, name a platform or runtime that the module is intended for (Java, Android, Flash, etc.).

Note that the set of options you can select from depends on which **plugins** are currently enabled in IntelliJ IDEA.

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Selector pane

Use the selector pane (located in the left-hand part of the page) to select the necessary option (e.g. the module type to be created).

To check if the selected option is the one you want, read its description (shown in the right-hand part of the page under **Description**).

Java: Java Module

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

Item	Description

Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>
More Settings	Click the arrow ( or ) to show or hide additional settings (discussed below).
Create source root	<p>Select the check box to create a directory for your source code.</p> <p>By default, the <code>src</code> directory is created in the module content root folder (recommended).</p> <p>If you want this directory to have a different name, edit the text in the field.</p> <p>To specify a different directory, click  (Shift+Enter) and select the directory in the dialog that opens. (You can create a new directory in that dialog, e.g. by using .)</p>

Java: IntelliJ Platform Plugin

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

Item	Description
Module	Specify the module name.

name	
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, 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>
More Settings	<p>Click the arrow ( or ) to show or hide additional settings (discussed below).</p>
Create source root	<p>Select the check box to create a directory for your source code.</p> <p>By default, the <code>src</code> directory is created in the module content root folder (recommended).</p> <p>If you want this directory to have a different name, edit the text in the field.</p> <p>To specify a different directory, click  (Shift+Enter) and select the directory in the dialog that opens. (You can create a new directory in that dialog, e.g. by using .)</p>

Java: J2ME Module

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

Item	Description
Module name	Specify the module name.

Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, select the installation folder of the desired Java ME SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>
More Settings	<p>Click the arrow ( or ) to show or hide additional settings (discussed below).</p>
Create source root	<p>Select the check box to create a directory for your source code.</p> <p>By default, the <code>src</code> directory is created in the module content root folder (recommended).</p> <p>If you want this directory to have a different name, edit the text in the field.</p> <p>To specify a different directory, click  (Shift+Enter) and select the directory in the dialog that opens. (You can create a new directory in that dialog, e.g. by using .)</p>

Java: Maven Module

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

Item	Description
Module name	Specify the module name.
Content root	Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root .)

	<p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, 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.)</p>

Java: Command Line App

Select this option if you are going to use your new module to develop a `Java_` application.

IntelliJ IDEA will create a Java module. The module will contain a `class_` with a `main()` method. You'll be able to run this class right away.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>

Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>
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Java: JavaFX Application

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

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</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 New and select JDK. Then, in the dialog that opens, 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>

Groovy: Groovy Module

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

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>
More Settings	Click the arrow ( or ) to show or hide additional settings (discussed below).
Create source root	<p>Select the check box to create a directory for your source code.</p> <p>By default, the <code>src</code> directory is created in the module content root folder (recommended).</p> <p>If you want this directory to have a different name, edit the text in the field.</p> <p>To specify a different directory, click  (Shift+Enter) and select the directory in the dialog that opens. (You can create a new directory in that dialog, e.g. by using .)</p>

Groovy: Grails Module

Select this option if you are going to use your new module to develop a [Grails](#) application.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>

Groovy: Griffon Module

Select this option if you are going to use your new module to develop a [Griffon](#) application.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>

Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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 Enterprise: JavaEE Web Module

Select this option if you are going to use your new module to develop a [Java](#) Web application.

In addition to what you normally get for a [Java module](#), IntelliJ IDEA will create:

- `web\WEB-INF\web.xml` (the [deployment descriptor](#) file).
- `web\index.jsp` (a file which, with minor modifications, you can use as a starting page of your Web application).
- An [artifact specification](#) for your Web application.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>

Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>
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Android: Application Module

Select this option if you are going to use your new module to develop an application for the [Android](#) OS.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, select the installation folder of the desired Android SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>

Android: Empty Module

Select this option if you are going to use your new module to develop for [Android](#), but haven't decided yet whether this module will implement an application or a shared Android library.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, select the installation folder of the desired Android SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>
More Settings	Click the arrow ( or ) to show or hide additional settings (discussed below).
Create source root	<p>Select the check box to create a directory for your source code.</p> <p>By default, the <code>src</code> directory is created in the module content root folder (recommended).</p> <p>If you want this directory to have a different name, edit the text in the field.</p> <p>To specify a different directory, click  (Shift+Enter) and select the directory in the dialog that opens. (You can create a new directory in that dialog, e.g. by using .)</p>

Android: Library Module

Select this option if you are going to create an [Android](#) library module, one that contains shared source code and resources that can be referenced in other Android modules (e.g. used in a number of your Android applications).

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, select the installation folder of the desired Android SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>
Package name	Specify the package name for your module. Note that it's a Java package name that is specified here. For more information, see, for example, Android package name and Naming a package .

Android: Test Module

Select this option if you are going to use your new module to develop tests for your Android application (represented by an Android application module). See the documentation for the [Android testing framework](#) used.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p>

	To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens . (You can create a new folder in that dialog, e.g. by using  .)
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and, in the dialog that opens, select the installation folder of the desired Android SDK. (By this time, the corresponding SDK must already be installed on your computer. If it isn't, download and install it first.)</p>
Tested module	Select the module to be tested. This may be any Android Application module in the same project.

Other: Flash Module

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

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>

Other: Web Module

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

Note that a Web module cannot be used for developing in Java.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>

User-defined: <template_name>

If you have created your own templates, they are shown in the **User-defined** category (see [Saving Projects as Templates](#)). To create a template-based module, select the necessary template.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up you module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created.</p> <p>By default, this file is created in the module content root folder (recommended).</p>

	To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens . (You can create a new folder in that dialog, e.g. by using  .)
Application server	If an application server is specified in the template, you can use the server defined in the template, or specify a different server.
Base package	If the template includes a definition of the base Java package, you can use the base package defined in the template, or specify a different base package.

Samples Gallery: Java Hello World

If you select this option, IntelliJ IDEA will create a Java module. The module will contain a [class](#) implementing a Hello World application. You'll be able to run this application right away.

Item	Description
Module name	Specify the module name.
Content root	<p>Specify the path to the module content root folder. (This is where all the files that make up your module will be stored; for more information, see Content Root.)</p> <p>By default, a folder having the same name as the module is created in the project directory (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module file location	<p>Specify the path to the folder where the <code>.iml</code> module file should be created. By default, this file is created in the module content root folder (recommended).</p> <p>To use a different folder, click  (Shift+Enter) and select the necessary folder in the dialog that opens. (You can create a new folder in that dialog, e.g. by using .)</p>
Module SDK	<p>If IntelliJ IDEA can guess which SDK you are likely to use in your module, the controls for specifying the module SDK are not provided. This may be the case when an SDK of the appropriate type is defined as the project SDK, or there is already a module in your project where an appropriate SDK is used, etc.</p> <p>Otherwise, you can specify the SDK to be used in your module.</p> <p>If the necessary SDK is already defined in IntelliJ IDEA, select it from the list.</p> <p>Otherwise, click New and select the SDK type. (It's likely that it's the JDK option that you want at the moment.) Then, in the dialog that opens, 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>

See Also

Concepts:

- [Module](#)

Web Resources:

- [Developer Community](#) 