

Scopes

File | Settings | Project Settings | Scopes



A [scope](#) is a set of files to which various operations apply. Using this dialog, you can define scopes for the various IntelliJ IDEA actions, for example, [Find Usages](#), or [Code Inspections](#).

In this section:

- [Main toolbar](#)
- [Scope configuration controls](#)
- [Scope toolbar](#)
- [Legend of the project tree view](#)

Main toolbar

Item	Tooltip	Description
	Add scope Insert	Click this button to add a new local or shared scope.
	Delete Delete	Click this button to delete the selected scope from the list.
	Copy configuration Ctrl+D	Click this button to create a copy of the selected scope.
	Save as	Click this button to have the selected local scope saved as shared or a selected shared scope as local.
	Move Up/Move Down	Use these buttons to move the scopes up and down in the list. If some file is included into several scopes, the order of the scopes becomes important: IntelliJ IDEA uses the color of the uppermost scope (shown in the Scopes settings page) to highlight such file. Of course, you can change the order of the scopes, and thus the resulted highlighting.




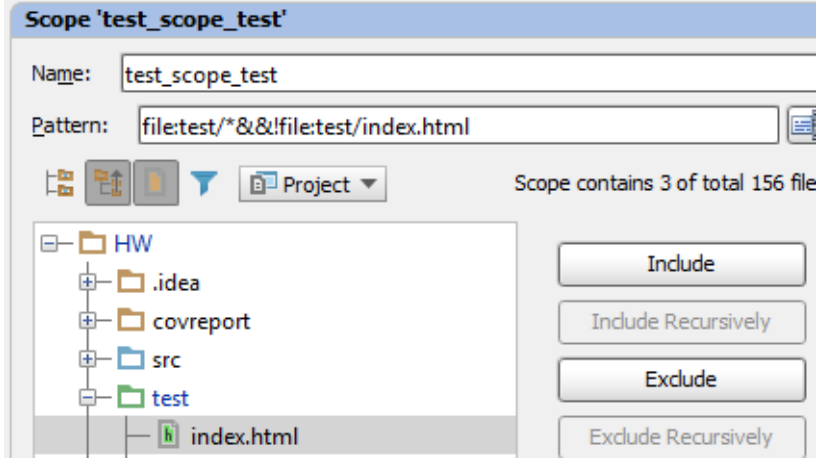

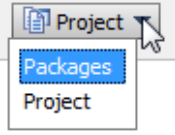
Scope configuration controls

Item	Description
Name	In this text box, specify the scope name.

Item	Description
Pattern	<p>In this text box, specify the pattern that defines the current scope. The following elements and structures can be used:</p> <ol style="list-style-type: none"> 1. The <code>file: modifier</code>. The element is mandatory. 2. The <code>*</code> asterisk to denote any symbol in a file name or file extension. 3. Logical operators AND (<code>&&</code>), OR (<code> </code>), and NOT (<code>!</code>). <p>For more information, see Scope Language Syntax Reference.</p> <p>Type or edit the pattern manually or choose the desired files in the Project Tree View - IntelliJ IDEA will generate the corresponding pattern automatically.</p> <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Storing empty or incorrect patterns is not allowed. In such cases, you will be prompted with the <i>Syntax Error</i> warning.</p> </div>
Include	<p>Click this button to have the selected element included in the scope. The corresponding expression is automatically generated and added to the expression in the Pattern text box.</p> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;"> <p>If the current element is a folder, the nested subfolders are ignored.</p> </div>
Include Recursively	<p>Click this button to have the selected folder included in the scope, together with the nested subfolders. The corresponding expression is automatically generated and added to the expression in the Pattern text box.</p>
Exclude	<p>Click this button to have the selected element excluded from the scope. The corresponding expression is automatically added to the Pattern. If the current element is a folder, the nested subfolders are ignored.</p>
Exclude Recursively	<p>Click this button to have the selected folder excluded from the scope, together with the nested subfolders. The corresponding expression is automatically added to the Pattern field.</p>

Scope toolbar

Item	Tooltip	Description
Project tree view		<p>The tree view contains all the files available in your project. In the view, select the desired files to be included in the current scope and have the scope definition pattern generated automatically. The message on the toolbar shows the total number of available files and the number of files included in the scope. See also the color legend below. Use the toolbar buttons described below to change the view presentation.</p> <p>The way of presentation of the project tree view, the available controls and scopes language syntax depend on the selection in project vs package drop-down list.</p>

Item	Tooltip	Description
	Flatten Packages	When the button is pressed, all the packages are displayed as a single-level tree view. This enables you to find a package somewhere deep within the project by its name without going through the entire tree hierarchy.
	Group by Scopes Type	When this button is pressed, the items in the tree-view are grouped below three nodes: <ul style="list-style-type: none"> ■ <i>Library Classes</i> ■ <i>Production Classes</i> ■ <i>Test Classes</i> <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;">This button is only available for the <i>Package</i> presentation of scopes.</div>
	Show Files	If this button is pressed, source files are displayed explicitly in the tree view. When the files are shown, they can be selected for exclusion/inclusion into a pattern. <div style="border: 1px solid gray; padding: 5px; margin-top: 10px;">  <p>Scope 'test_scope_test'</p> <p>Name: test_scope_test</p> <p>Pattern: file:test/*&&!file:test/index.html</p> <p>Scope contains 3 of total 156 file</p> <p>Buttons: Include, Include Recursively, Exclude, Exclude Recursively</p> </div> <p>If this button is not pressed, the files are hidden.</p>
	Show Included Only	When the button is pressed, the tree shows only the elements that are included in the scope.
		Use this drop-down box to define how you want the project files to be displayed in the tree view. The available options are: <ul style="list-style-type: none"> ■ <i>Project</i> ■ <i>Packages</i> <p>The project tree view presentation, scopes language syntax and the available toolbar buttons differ depending on the selection.</p>

Legend of the project tree view

Item	Description
Green	Folders and files included in scope.

Item	Description
Black	Folders and files excluded from scope.
Blue	Folders that contain both excluded and included files and subfolders.

See Also

Concepts:

- [Scope](#)

Reference:

- [Scope Language Syntax Reference](#)
- [Inspections](#)
- [File Colors](#)

Web Resources:

- [Developer Community](#) 