

Run/Debug Configuration: Spy-Js

To get access to this dialog box:

1. Download and install [Node.js](#) because it is used by the *Spy-js* trace server.
2. Install and enable the *Spy-js* repository plugin.

The plugin is not bundled with IntelliJ IDEA, but it is available from the [JetBrains plugin repository](#). Once enabled, the plugin is available at the IDE level, that is, you can use it in all your IntelliJ IDEA projects. See [Installing, Updating and Uninstalling Repository Plugins](#) and [Enabling and Disabling Plugins](#) for details.

In this dialog box, create configurations for debugging using the *Spy-js tool*.

This section provides descriptions of the [configuration-specific items](#), as well as the [toolbar](#) and [options](#) that are common for all run/debug configurations.

Item	Description
Node interpreter	<p>In this field, specify the NodeJS installation home. Type the path to the NodeJS executable file manually, or click the Browse button  and select the location in the dialog box, that opens.</p> <p>If you have appointed one of the installations as default, the field displays the path to its executable file.</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"><p>With Spy-js, it is recommended to use Node.js version 0.10.24 or higher.</p></div>
Trace server port	<p>In this spin box, specify the port on which <i>Spy-js</i> will act as a proxy server. This port number must be the same as your system proxy port. If the Automatically configure system proxy check box is selected, the specified port number is automatically set for the system proxy server. Otherwise you will have to specify the value of the field in the system proxy settings manually.</p> <p>The <i>trace server port</i> is filled in automatically. To avoid port conflicts, it is recommended that you accept the suggested value and keep the Automatically configure system proxy check box selected.</p>
Use	<p>In this drop-down list, specify the way to configure a tracing session.</p> <ul style="list-style-type: none">■ To have <i>Spy-js</i> apply its internal predefined configuration, choose Default configuration.■ To have your custom manually created configuration applied, choose the Configuration file option and then specify the location of your custom configuration file in the Configuration field below. A <i>configuration file</i> is a JavaScript file with the extension <code>.js</code> or <code>.conf.js</code> that contains valid JavaScript code that meets the Spy-js configuration requirements. If IntelliJ IDEA detects files with the extension <code>.conf.js</code> in the project, these files are displayed in the drop-down list. <p>Type the path to the configuration file manually or click the Browse button  and choose the location in the dialog box that opens. Once specified, a configuration file is added to the drop-down list so you can get it next time from the list instead of specifying the path.</p>

Item	Description
URL to trace	In this field, specify the URL address of the Web page to capture events on. By default, the field is empty. This means that <i>Spy-js</i> captures events on all the currently opened Web pages. If you want to restrict the tracing to a certain page, specify its URL address. Type the address manually or choose it from the drop-down list, if it has been once specified in the configuration.
Automatically configure system proxy	<ul style="list-style-type: none"> When this check box is selected, the system proxy server is activated automatically with the port specified in the Trace server port field. Clear this check box to specify proxy settings manually. See how to configure proxy settings manually on Windows, Mac, Ubuntu, iOS, Android, Windows Phone. Please note that some desktop browsers have their own screens for proxy settings configuration. <p>The check box is selected by default, and it is strongly recommended that you accept this setting and have the proxy configured automatically.</p>

Toolbar

Item	Shortcut	Description
	Alt+Insert	Click this button to add new configuration to the list.
	Alt+Delete	Click this button to remove the selected configuration from the list.
	Ctrl+D	Click this button to create a copy of the selected configuration.
	Edit defaults	Click this button to edit the default configuration templates. The defaults are used for the newly created configurations.
	Alt+Up or Alt+Down	Use these buttons to move the selected configuration or group of configurations (folder) up and down in the list. The order of configurations or folders in the list defines the order, in which configurations appear in the Run/Debug drop-down list on the main toolbar.
		Use this button to create a new folder . If one or more run/debug configurations have the focus, then the selected run/debug configurations are automatically moved to the newly created folder. If only a category has the focus, then an empty folder is created. Move run/debug configurations to a folder using drag-and-drop, or  buttons.

Common options

Item	Description
Name	In this text box, specify the name of the current run/debug configuration. This field does not appear for the default run/debug configurations.

Item	Description
Defaults	<p>This node in the left-hand pane of the dialog box contains the default run/debug configuration settings. Select the desired configuration to change its default settings in the right-hand pane. The defaults are applied to all newly created run/debug configurations.</p>
Share	<p>Select this check box to make the run/debug configuration available to other team members.</p> <p>If the directory-based project format is used, the settings for a run/debug configuration are stored in a separate xml file in the <code>.idea\runConfigurations</code> folder if the run/debug configuration is shared and in the <code>.idea\workspace.xml</code> file otherwise.</p> <p>If the file-based format is used, the settings are stored in the <code>.ipr</code> file for shared configurations or in the <code>.iws</code> file for the ones that are not shared.</p> <p>This check box is not available when editing the run/debug configuration defaults.</p>

Item	Description		
Before launch	Specify which tasks should be carried out before starting the run/debug configuration. The specified tasks are performed in the order that they appear in the list.		
	Item	Keyboard shortcut	Description
	+	Alt+Insert	<p>Click this icon to add a task to the list. Select the task to be added:</p> <ul style="list-style-type: none"> ■ Run External tool. Select this option to run an application which is external to IntelliJ IDEA. In the dialog that opens, select the application or applications that should be run. If the necessary application is not defined in IntelliJ IDEA yet, add its definition. For more information, see Configuring Third-Party Tools and External Tools. ■ Build Artifacts. Select this option to have an artifact or artifacts built. In the dialog that opens, select the artifact or artifacts that should be built. See also, Configuring Artifacts. ■ Run Ant target. Select this option to have an Ant target run. In the dialog that opens, select the target to be run. For more information, see Ant. ■ Generate CoffeeScript Source Maps. Select this option to have the source maps for your CoffeeScript sources generated. In the dialog that opens, specify where your CoffeeScript source files are located. For more information, see CoffeeScript Support. ■ Run Maven Goal. Select this option to have a Maven goal run. In the dialog that opens, select the goal to be run. For more information, see Maven. ■ Run Remote External tool: Add a remote SSH external tool. Refer to the section Remote SSH External Tools for details.
	-	Alt+Delete	Click this icon to remove the selected task from the list.
		Enter	Click this icon to edit the selected task. Make the necessary changes in the dialog that opens.
	Alt+Up	Click this icon to move the selected task one line up in the list.	

Item	Item	Keyboard shortcut	Description
		Alt+Down	Click this icon to move the selected task one line down in the list.
	Show this page		Select this check box to have the run/debug configuration settings shown prior to actually starting the run/debug configuration.

See Also

Procedures:

- [Tracing with Spy-Js](#)

Reference:

- [Spy-Js Tool Window](#)

Web Resources:

- [Developer Community](#) 