

# Run/Debug Configuration: Query Language Console

Use this dialog box to configure execution of queries to databases from the **Database**, **HQL**, or **JPA** consoles. You can also set up additional arguments here, if needed.

When you run the **Database** console from the **Database** tool window, a temporary Run/Debug configuration is created. You can save it and use later without reopening the corresponding tool window.

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
VM Options	<p>Specify the command-line options to be passed to the VM (for example, <code>user.language</code>).</p> <p>When specifying the options, follow these rules:</p> <ul style="list-style-type: none"><li>■ Use spaces to separate individual options, for example, <code>-client -ea -Xmx1024m</code>.</li><li>■ If an option includes spaces, enclose the spaces or the argument that contains the spaces in double quotes, for example, <code>some "arg or some arg"</code>.</li><li>■ If an option includes double quotes (e.g. as part of the argument), escape the double quotes by means of the backslashes, for example, <code>Dmy.prop=\"quoted_value\"</code>.</li></ul>
User Configurator Class	<p>If necessary, specify a custom Configurator class.</p> <p>For example, if you want to use <code>ImprovedNamingStrategy</code> in the HQL console, create the Configurator class like this:</p> <pre>public class MyConfigurator {     public void configure(Object object) {         if (obj instanceof Configuration) {             // configure hibernate configuration         }         else if (obj instanceof SessionFactory) {             // configure session factory         }         else if (obj instanceof Session) {             // configure session         }     } }</pre>
Use Default Context	<p>In this field, specify whether you want IntelliJ IDEA to execute queries in any context by default. To specify the context provider properties, click the <b>Browse</b> button  and select the desired context provider in the <b>Choose Data Source</b> dialog box that opens.</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.

Item	Shortcut	Description
	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 <b>Run/Debug</b> drop-down list on the main toolbar.
		Use this button to <a href="#">create a new folder</a> .  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.
Defaults	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.
Share	Select this check box to make the run/debug configuration available to other team members.  If the <a href="#">directory-based project format</a> 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.  If the <a href="#">file-based format</a> 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.  This check box is not available when editing the run/debug configuration defaults.

<b>Item</b>	<b>Description</b>			
Before launch	<p data-bbox="440 165 1370 264">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.</p> <table border="1" data-bbox="440 286 1398 392"><thead><tr><th data-bbox="440 286 544 392"><b>Item</b></th><th data-bbox="544 286 715 392"><b>Keyboard shortcut</b></th><th data-bbox="715 286 1398 392"><b>Description</b></th></tr></thead><tbody></tbody></table>	<b>Item</b>	<b>Keyboard shortcut</b>	<b>Description</b>
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Item	Item	Keyboard shortcut	Description 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"> <li>■ <b>Run External tool.</b> 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 <a href="#">Configuring Third-Party Tools</a> and <a href="#">External Tools</a>.</li> <li>■ <b>Make.</b> Select this option to have the project or module compiled. The <a href="#">Make Module command</a> will be carried out if a particular module is specified in the run/debug configuration, and the <a href="#">Make Project command</a> otherwise.</li> </ul> <p>If an error occurs during the compilation, IntelliJ IDEA won't attempt to start the run/debug configuration.</p> <ul style="list-style-type: none"> <li>■ <b>Make, no error check.</b> The same as the <b>Make</b> option but IntelliJ IDEA will try to start the run/debug configuration irrespective of the compilation result.</li> <li>■ <b>Build Artifacts.</b> Select this option to have an <a href="#">artifact</a> or artifacts built. In the dialog that opens, select the artifact or artifacts that should be built.</li> </ul> <p>See also, <a href="#">Configuring Artifacts</a>.</p> <ul style="list-style-type: none"> <li>■ <b>Run Ant target.</b> Select this option to have an Ant target run. In the dialog that opens, select the target to be run. For more information, see <a href="#">Ant</a>.</li> <li>■ <b>Generate CoffeeScript Source Maps.</b> 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 <a href="#">CoffeeScript Support</a>.</li> <li>■ <b>Run Maven Goal.</b> Select this option to have a Maven goal run. In the dialog that opens, select the goal to be run.</li> </ul> <p>For more information, see <a href="#">Maven</a>.</p> <ul style="list-style-type: none"> <li>■ <b>Run Remote External tool:</b> Add a remote SSH external tool. Refer to the section <a href="#">Remote SSH External Tools</a> for details.</li> </ul>
<p><b>See Also</b></p> <p>Concepts:</p> <ul style="list-style-type: none"> <li>■ <a href="#">Data Sources</a></li> </ul> <p>Procedures:</p> <ul style="list-style-type: none"> <li>■ <a href="#">Data Sources</a></li> </ul> <p>Reference:</p> <ul style="list-style-type: none"> <li>■ <a href="#">Database Console</a></li> <li>■ <a href="#">Database Tool Window</a></li> </ul> <p>Web Resources:</p> <ul style="list-style-type: none"> <li>■ <a href="#">Developer Community</a> </li> </ul>			
	-	Alt+Delete	Click this icon to remove the selected task from the list.