


Database Console Tool Window

[Database tool window](#) | < any node > |  **Open Database Console**

The **Database Console** tool window opens when you select a DB data source in the [Database tool window](#) and then select  **Console** in the context menu. For each data source, a separate dedicated console is opened.

Use the **Database** console to [view](#), [query](#), and [modify](#) the information in the data sources [configured](#) in your workspace.

The **Database** console consists of the following panes:

- The **Input** pane is intended for entering commands in one of the supported languages.






The **Input** pane opens as a new editor tab as soon as the **Database** console is invoked.

- The **Result** pane shows results of executing SQL queries in a table form. The results of running each command are shown in a separate tab.
- The **Output** pane displays time stamps, execution time and error messages.
- The **Parameters** pane, located in the right part of the console, is used to specify the values of parameters, encountered in the commands.

The usual editor techniques are available in the **Database** console.












Input pane

The **Input** pane opens as an editor tab. Use this pane to type, edit, and run SQL commands on data sources. For each data source IntelliJ IDEA opens a separate **Input** pane. For your convenience, the [common console toolbar icons](#) are also available from the **Input** pane.

Item	Shortcut	Description
	Ctrl+Enter	Click this button to run the command at the caret or all the selected consecutive commands.
	Browse history Alt+Ctrl+E	Click this button to show the list of commands, executed in the console. You can select the desired commands, and place them to the Input pane.
	Properties Console.Jdbc.Properties	Click this button to open the Database Console Properties dialog box, where you can specify the SQL dialect to use and customize the console behaviour.
	Close Shift+Ctrl+F4	Click this button to close the current instance of the Database console.
	Layout	Click this button to choose the desired layout of the toolbars from the pop-up menu. The available options are: <ul style="list-style-type: none">■ Horizontal Toolbars■ Restore Layout

Result pane

Use this pane to view the result of executing queries as well as to add, remove, and update records in the queried table.

Item	Shortcut	Description
	Ctrl+Enter	Click this button to run the command at the caret or all the selected consecutive commands.
	Browse history Alt+Ctrl+E	Click this button to show the list of commands, executed in the console. You can select the desired commands, and place them to the Input pane.
	Properties Console.Jdbc.Properties	Click this button to open the Database Console Properties dialog box, where you can specify the SQL dialect to use and customize the console behaviour.
	Close Shift+Ctrl+F4	Click this button to close the current instance of the Database console.
	First Page Last Page	Click this button to switch to the page with the first/last set of results.
	Previous Page Next Page Ctrl+DownCtrl+Up	Click this button to switch to the page with the previous/next set of results.
<div style="border: 1px solid #ccc; padding: 10px; margin: 10px auto; width: 80%;">The number of items to be shown in a result set is configured in the Database Console Properties dialog.</div>		
	Reload Page Ctrl+R	Click this button to refresh the current page after editing or resorting the table data.
	Add New Row Alt+Insert	Click this button to have a new record added to the queried table.
	Delete Selected Rows Ctrl+Y	Click this button to remove the selected rows from the queried table.
	Copy Query Shift+Alt+Ctrl+C	Click this button to save the query that produced the current result. The SQL command is stored in the clipboard.
	Copy Ctrl+C or Ctrl+Insert	Click this button to copy the values from the current result to the clipboard.





Output pane

This pane displays information on SQL command execution. This information includes:

- Time stamp of the executed command.
- Number of affected rows.

- Duration in milliseconds. If the command execution involves processing the data received from the data source, the execution time is shown as x/y ms, where x is the time taken to receive the data, and y is the total time of generating the query result which includes both receiving and processing the data.
- Error messages.

Item	Description
Clear All	Choose this option to have all the messages removed from the pane.
Copy Content	Choose this option to have IntelliJ IDEA copy all the displayed messages to the clipboard.
Copy Selected Content	Choose this option to have IntelliJ IDEA copy the selected messages to the clipboard.
Compare with Clipboard	Choose this option to open the Differences Viewer and compare the contents of the clipboard with the entire contents of the Output pane or with a specific selected message.

Item	Shortcut	Description
	Ctrl+Enter	Click this button to run the command at the caret or all the selected consecutive commands.
	Browse history Alt+Ctrl+E	Click this button to show the list of commands, executed in the console. You can select the desired commands, and place them to the Input pane.
	Properties Console.Jdbc.Properties	Click this button to open the Database Console Properties dialog box, where you can specify the SQL dialect to use and customize the console behaviour.
	Close Shift+Ctrl+F4	Click this button to close the current instance of the Database console.

Parameters pane

Item	Description
Parameter	This read-only field displays the names of parameters detected in the current SQL statement.
Value	In this text box, type the value to substitute for the parameter when the statement will be executed.

Context menu of a tab

Context menu command	Description	Available in
Detach	Choose this command to detach the selected view. This enables you to move the detached pane to any desired location.	All panes

The **Output** and the **Result** panes can be detached only together.

Close	Choose this command to close the current tab.	Result pane
Focus on Startup	If this option is selected, the current pane gets the focus on launching the Database console.	All panes
Select Next Tab/ Select Previous Tab	Use these commands to switch the focus between tabs within the Result pane or between the Output and the Result panes.	Output pane Result pane