Running Injected SQL Statements from the Editor

You can inject SQL statements in your source code and invoke their execution by means of an intention action. If an SQL injection contains parameters, IntelliJ IDEA detects them when the statement execution is started and prompts you to specify the substitution values.

To run an injected SQL statement

1. Prepare the desired SQL statement and inject it in the source code.

2. Position the cursor at the desired SQL injection, press `Alt+Enter`, and choose **Run Query in Console** on the context menu.

3. Specify the data source to run the statement against. Do one of the following:

   - If no instances of the Database Console tool window are running, select the target data source in the **Choose Data Source** pop-up window.

   - If one or more instances of the **Database Console** are already running, the **Choose Console** pop-up window opens. In this pop-up window, specify whether you want to run the statement in one of them or open a new instance.

     - To have the statement executed in an already running console, choose the console with the name of the target data source from the **Running** list.

     - To have a new instance of console opened, choose **Open New**, then choose the target data source.

4. View and analyze the query execution result in the **Result** and **Output** panes.

To run an injected SQL statement with parameters

1. Prepare the desired SQL statement with parameters enclosed in `#`, `$`, or `?` characters. Inject the statement in the source code.

2. Position the cursor at the desired SQL injection and press `Alt+Enter` and choose **Run Query in Console** on the context menu.

3. Choose the target data source.

4. In the **Please Provide Missing Values** dialog box that opens, specify the values to substitute for the parameters and click **OK**.

5. View and analyze the query execution result in the **Result** and **Output** panes.

See Also

Procedures:

- Viewing Method Parameter Information

Language and Framework-Specific Guidelines:

- Data Sources

Reference:

- Database Console

- Data Sources and Drivers dialog

Web Resources:

- Developer Community ⟋