

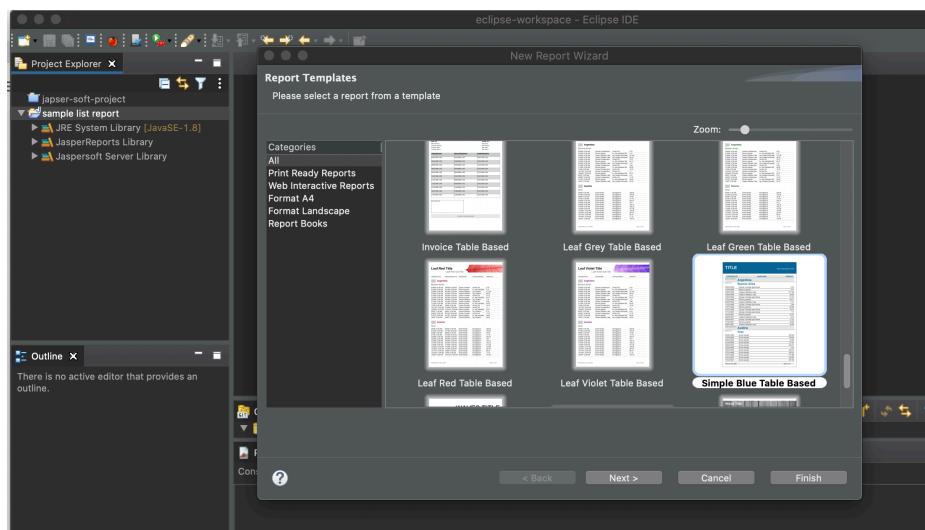
Jasper Soft Report Design

How to create a simple table listing for customer address details

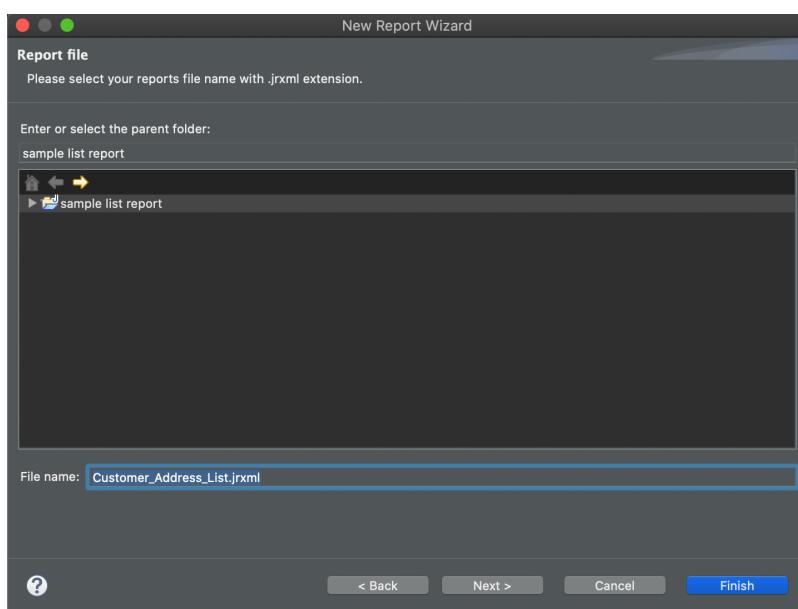
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Environment: Eclipse IDE 2020 04 – Jasper Soft Studio plugin

1. create a new jasper report within your project and select the “Simple Blue Table Based” report template as shown below:

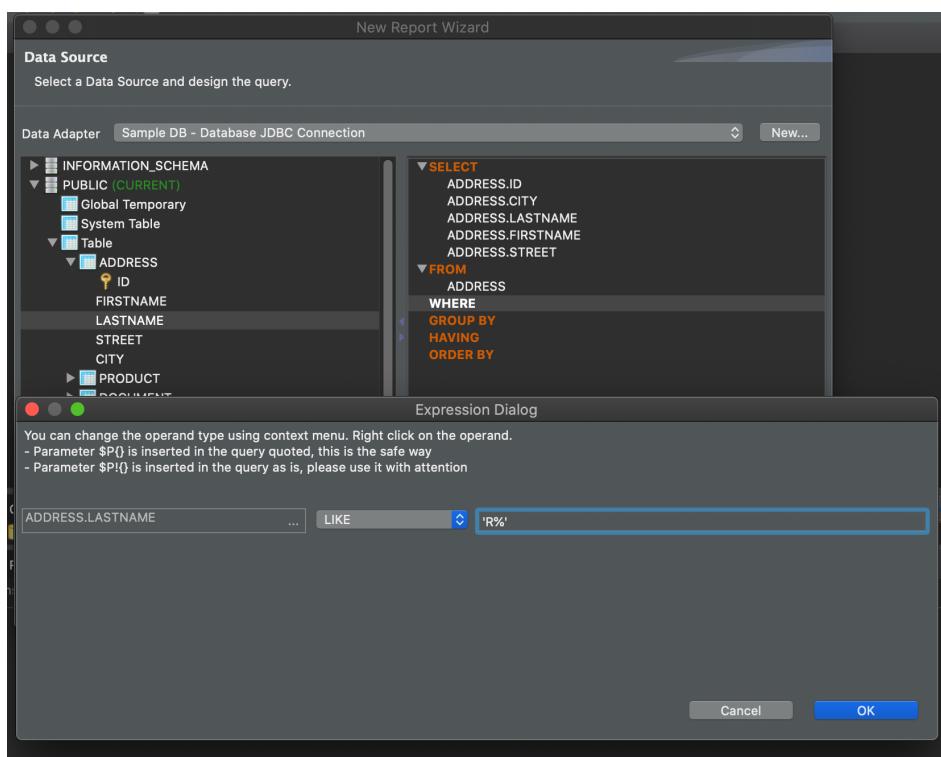


When you choose next button you can provide a suitable file name for your report as shown below:

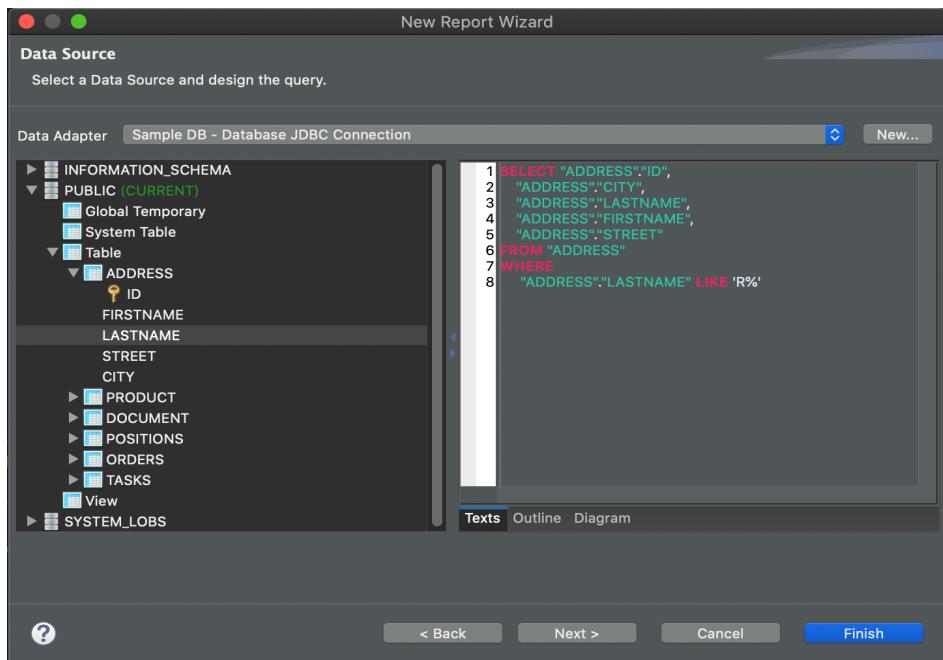


2. Connect to a database using the New Report Wizard

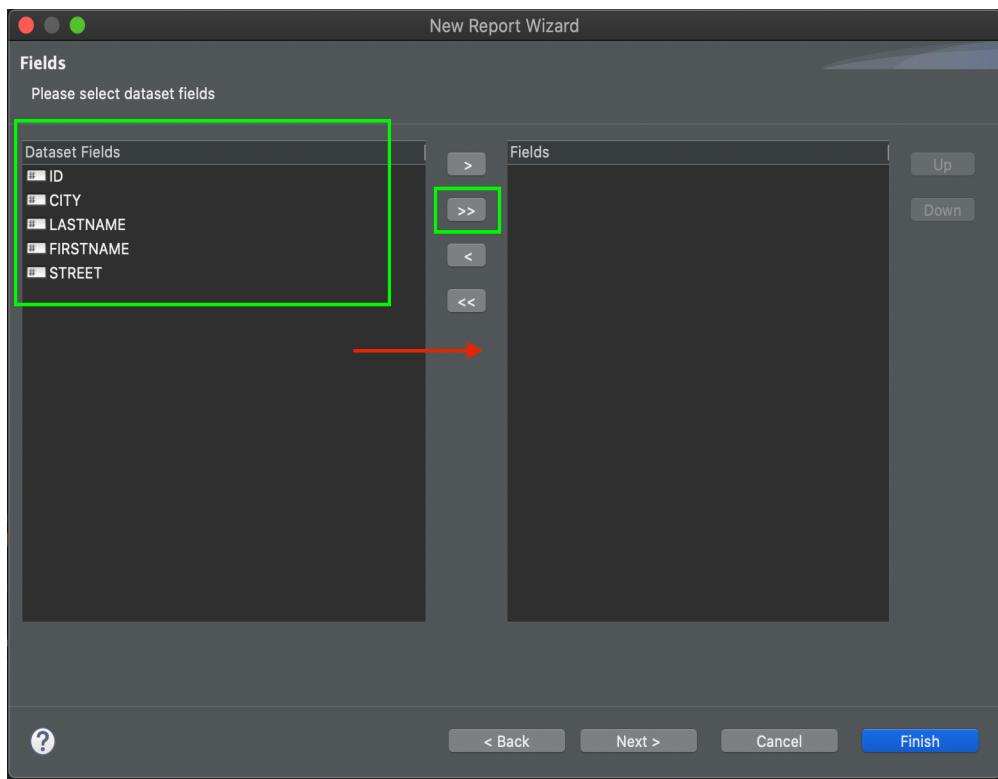
- Open the SQL Query pain and construct a SELECT statement to pull data from the ADDRESS table.
- Optional we can use the WHERE clause to apply additional filtering on the data, we can also use the clause in conjunction with LIKE operator to do pattern matching on a string field. The % sign is used to do pattern matching against a string with a wildcard operation. In the below we will use the **Expression Dialog** to build the filtering criteria. (WHERE ADDRESS.LASTNAME LIKE 'R%').



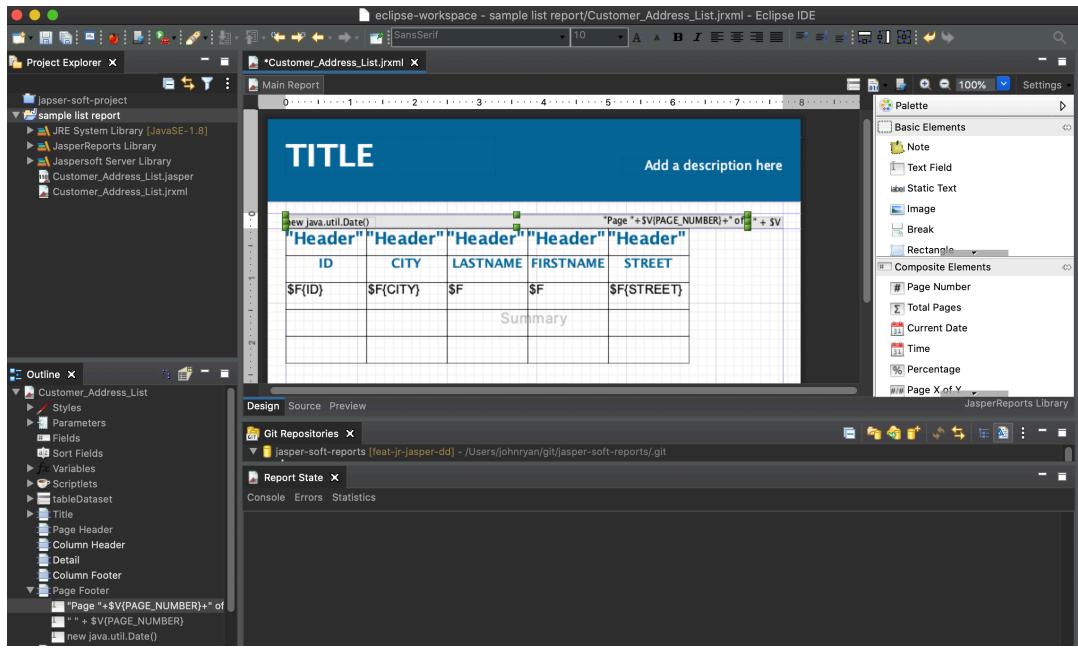
Script view of the Query:



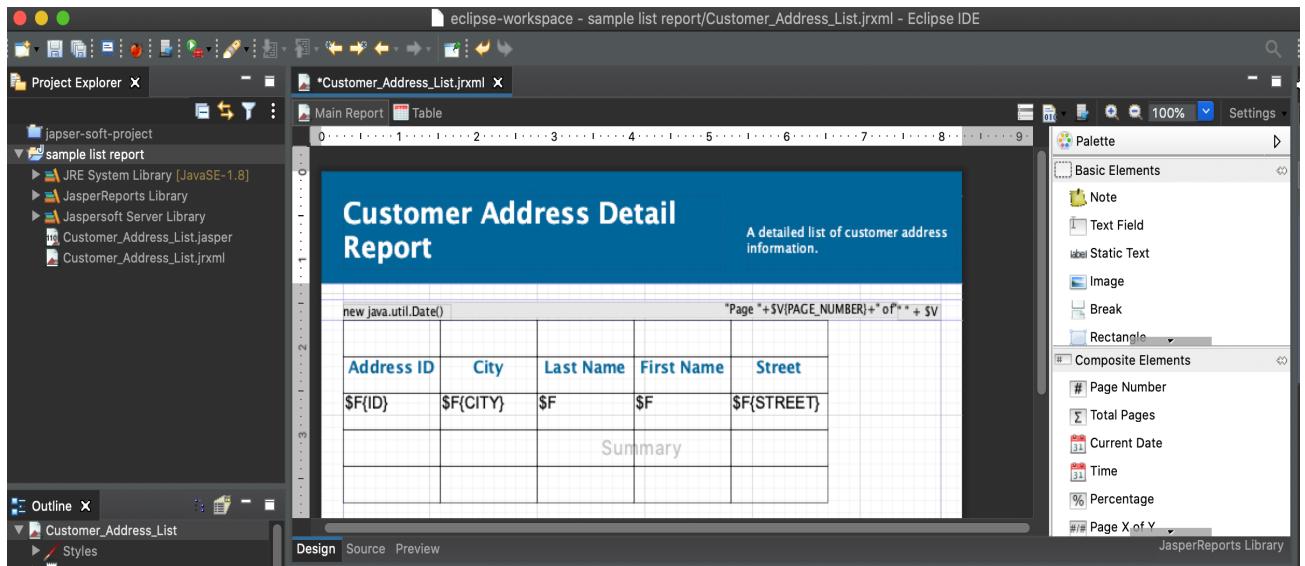
3. Move dataset fields from left to right



Once the fields are moved to the right and select finish we will see a new layout for our report in which we can now customize and format in a way that presents the data suitable for the requirements.



- Provide business readable column names, title and description of the report.



- Preview the report to ensure information and data renders correctly on the report.
From the picture below we see that when we select the preview tab the code is compiled to give the desired results. We can now see a simple list with address details of customers with a last name beginning with 'R'.

The screenshot shows the Eclipse IDE interface with the title bar "eclipse-workspace - sample list report/Customer_Address_List.jrxml - Eclipse IDE". The left sidebar contains a "Project Explorer" view with a "sample list report" project expanded, showing files like "Customer_Address_List.jasper" and "Customer_Address_List.jrxml". The main workspace displays a report titled "Customer Address Detail Report" with a subtitle "A detailed list of customer address information." Below the title is a table with columns: Address ID, City, Last Name, First Name, and Street. The table contains three rows of data. At the bottom of the report area, there are tabs for "Design", "Source", and "Preview", with "Preview" being the active tab. A red arrow points from the text "Report in PDF form below" to the "Preview" tab. The status bar at the bottom right shows "JasperReports Library".

6. Generate the report and save as pdf file for sharing.

The screenshot shows the Eclipse IDE interface with the title bar "Customer_Address_List.jrxml - Eclipse IDE". The main workspace displays the same "Customer Address Detail Report" as the previous screenshot. A context menu is open over the report area, listing various export options. The menu is titled "Export As JasperReports" and includes options such as "Export As PDF" (which is highlighted in blue), "Export As HTML", "Export As RTF", "Export As Docx", "Export As Odt", "Export As Ods", "Export As PowerPoint", "Export As Text", "Export As XLS", "Export As XLSx", "Export As CSV", "Export As CSV Metadata", "Export As JSON Metadata", "Export As XML", and "Export As XML with Images". The status bar at the bottom right shows "JasperReports Library".

Report in PDF form below

Customer_Address_List.pdf

Home Tools Customer_Address_List.pdf Sign In

File Star Print Search Previous Next 1 / 1 Hand Zoom Out Zoom In 127% Page Up Page Down Comment Edit Undo Redo

Customer Address Detail Report

A detailed list of customer address information.

Address ID	City	Last Name	First Name	Street
4	Dallas	Ringer	Sylvia	365 College
13	New York	Ringer	Laura	38 College
31	Olten	Ringer	Bob	371 College