About Report Designer

Learn how to navigate the query panel to build a report in WorldShare Report Designer.

Overview

WorldShare Report Designer takes advantage of data in WorldShare Management Services and allows you to build custom reports, charts, and data visualizations to satisfy library, academic and agency reporting requirements. With the outputs, you can help others “see” data and trends so they better understand the information and can put it in a library or business context.

Using Report Designer, you can create a variety of custom reports. Report Designer allows users with the Report Authoring role to use BusinessObjects BI Launchpad and Web Intelligence to access data in the OCLC production data warehouse for both business intelligence and reporting needs.

To access Report Designer, navigate to Analytics > Reports > Report Launch Pad > Applications > Web Intelligence.

Note: To ensure optimal performance, some standard and custom report results are limited to 50,000 rows. A warning message will appear if report results exceed 50,000 rows returned. For more information, see Refresh button.

Reinforce your understanding with a practice exercise: WorldShare Report Designer: Terminology and interface

Report Designer query panel

After you select a universe from which to create a report, the query panel opens. The query panel allows you to create a custom report query.

In the query panel, you can:
1. Add Query button

The Add Query button allows you to [create a report query using data from multiple universes] by clicking Add Query > From the universe.

2. Universe outline pane

The Universe outline pane displays all of the report objects contained in the selected universe. Report objects are used to build queries and are organized into classes, or folders. You can click each folder to expand it and view all report objects available within, or search all report objects in the selected universe using the text field in the Universe outline pane.

There are two main types of report objects:

<table>
<thead>
<tr>
<th>REPORT OBJECT TYPE</th>
<th>DESCRIPTION</th>
<th>EXAMPLES</th>
</tr>
</thead>
</table>
| Dimension          | • Provides data that serves as the basis for analysis  
                     • Can be counted  
                     • Cannot have calculations performed | • Shelving Location  
                     • Event Borrower Category |
<table>
<thead>
<tr>
<th>REPORT OBJECT TYPE</th>
<th>DESCRIPTION</th>
<th>EXAMPLES</th>
</tr>
</thead>
</table>
| Measure (𝑀)        | • Consists of numeric data about a dimension  
                     • Can have calculations performed | • Expended Amount  
                     • Items Checked In |

You can view the report objects definition by hovering over the report object name in the Universe outline pane. To view definitions and additional information for all available report objects, see Report objects.


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3. Resize tools

The query panel provides two resize tools:

- **Resize panes tool (and)**: Allows you to resize the Universe outline, Result Objects, Query Filters, and Data Preview panes
- **Resize window tool ( )**: Allows you to resize the query panel window

Click and drag a resize tool icon to adjust the pane or window.

4. Results Objects pane

The Results Objects pane contains the objects you have selected to be included in the report. Each object in this pane is represented as a column in the report.

5. Query Filters pane

The Query Filters pane contains the report objects you have chosen as selection criteria for the report. You can apply a **query operator** to a report object in order to specify values you want returned or have the report object function as a prompt, allowing the user to select values of their choice.

6. Data Preview pane

After you have added report objects to the Results Objects and Query Filters pane, click **Refresh** to display a preview of the data as it will appear in your custom report.

7. Run Query button

Click **Run Query** to create a report based on the report objects in the query panel. Your custom report will open in the **report viewer**.