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Oracle Reports

Basic Report Builder Concepts

Oracle Reports Developer is a suite of programs that allows your organization to centralize report processing and to better manage reporting. Report Builder is one of the program components included with Reports Developer.

- A query builder with a visual representation of the specification of SQL statements to obtain report data
- Wizards that guide you through the report design process

Tools for working with reports in Report Builder

- Using wizards to automate report design
- Using the Report Editor to view and edit reports
- Using the Object Navigator to locate report elements

Report Wizard

The easiest way to create a report is to use the Report Wizard. The Report Wizard takes you through the steps required to create a report, and is a great way to start building a report. The Report Wizard alone may give you a report that satisfies your requirements. If it doesn't, you can use the Data Model view, the Live Previewer, and the Layout Model view to further refine your report

Data Wizard

If you need to create multiple queries for your report, use the Data Wizard to create them. From the Data Model view, choose Tools->Data Wizard "Building queries using the Data Wizard" contains an example that uses the Data Wizard. For more information, see the online help

Web Wizard

If you want to quickly deploy your reports on the Web, use the Web Wizard. Choose Tools->Web Wizard. Section 4.4, "Adding bookmarks to parts of your report" contains an example that uses the Web Wizard. For more information, see the online help:

Using the Report Editor to view and edit reports

The Report Editor and the Object Navigator appear when you first start up Report Builder. (For information about the Object Navigator, "Using the Object Navigator to locate report elements".) In the Report Editor, you can view information about a report in four different ways. You can switch between these views using the View menu or the toolbar icons.

- Live Previewer
- Data Model view
- Layout Model view
- Parameter Form view

Live Previewer

This view displays your report as an end user would see it. If you are using live data, the Live Previewer will update the report as data changes. Any modifications that you make to the report in the Live Previewer display immediately. To display your report in the Live Previewer, click

Data Model view

This view displays your report data as data model objects so that you can see the relationships between queries, groups, columns, parameters, and links. To display your report in the Data Model view, click

Layout Model view

This view displays the attributes of your report as objects so that you can see the attribute types and relationships. You can edit layout objects, such as frames, repeating frames, fields, boilerplates, anchors, and graphics in this view in order to change the appearance of the report. To display your report in the Layout Model view, click

Parameter Form view

This view lets you create a Runtime Parameter Form for your report. When a user runs your report, the user enters values for parameters in this form to determine how the report will execute, or the user accepts the defaults. If you do not define a Runtime Parameter Form in the Parameter Form view, Report Builder displays a default Parameter Form at runtime. You can select which system and user parameters to use for your form using the Parameter Form Builder, or you can create your own from scratch. To display the Parameter Form view, click

Obtaining database access before you start

In order to build the reports as described in this manual, you must be able to access the Oracle Reports Developer demo tables. Use the demo CD that came with your product package to install the SQL scripts. These scripts are used to install the demo tables in your database. These SQL scripts can be run from the Start->Programs menu. Before starting a report, be sure to log into the database that contains the Oracle Reports Developer demo tables. You log in by selecting File->Connect.