

**Oracle FLEXCUBE Investor Servicing®
Report Getting started**

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Contents

1	Preface.....	3
1.1	Audience	3
1.2	Related documents	3
1.3	Conventions.....	3
2	Introduction	4
2.1	How to use this Guide	4
3	Reports getting started	4
3.1	Reports introduction	4
3.2	Type of reports	4
3.3	BIP Reports	5
3.4	OBIEE rpd Meta data	5
3.5	Prerequisites – for Report development	5
3.5.1	<i>BIP based reports</i>	5
3.5.2	<i>OBIEE based reports</i>	5
3.6	Data model to get Report Query.....	5
4	Report Development.....	6
4.1	BIP Reports	6
4.2	OBIEE rpd development	7
5	Resources.....	8

1 Preface

This document describes the concepts and helps reader to get started developing Reports in FLEXCUBE IS.

1.1 Audience

The Report getting started book is intended for the FLEXCUBE Application Developers/Users who are authorized to perform the following tasks with OBIEE:

- Develop the new BIP reports
- Modify the existing BIP reports
- Develop new OBIEE repository for a module

To Use this manual, you need conceptual and working knowledge of the below:

<i>Proficiency</i>	<i>Resources</i>
FLEXCUBE IS Development overview	<i>FCIS-FD01-01-01-Development Overview Guide</i>
RAD function ID development getting started	<i>FCIS-FD02-01-01-RAD Getting Started</i>
RAD screen development	<i>FCIS-FD02-02-01-RAD Function ID Development</i>

1.2 Related documents

For more information on Reports development, refer below documents:

- *FCIS-FD01-01-01-Development Overview Guide*
- *FCIS-FD07-02-01-BIP Report Development Guide*
- *FCIS-FD07-03-01-OBIEE repository Development Guide*
- *FCIS-FD02-01-01-RAD Getting Started*

<http://www.oracle.com/us/solutions/ent-performance-bi/business-intelligence/bi-tools-075497.html>

1.3 Conventions

The following text conventions are used in this document:

Convention Meaning

Boldface Boldface type indicates graphical user interface elements (for example, menus and menu items, buttons, tabs, dialog controls), including options that you select.

- Italic* italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
- Monospace Monospace type indicates language and syntax elements, directory and file names, URLs, text that appears on the screen, or text that you enter.

2 Introduction

2.1 How to use this Guide

The information in this guide includes:

- [Chapter 2, "Introduction"](#)
- [Chapter 3, "Reports Getting Started"](#)
- [Chapter 4, "Report Development"](#)

3 Reports getting started

3.1 Reports introduction

Reports in FLEXCUBE IS are used to fetch the data from FLEXCUBE database Schema based on the report Query criteria and render on screen or print.

FLEXCUBE IS uses two software as reporting platforms.

- Oracle Business Intelligence Publisher (BIP)
- Oracle Business Intelligence Enterprise Edition (OBIEE)

3.2 Type of reports

Following are the type of reports available in FLEXCUBE IS.

- BIP reports
 - Canned Reports
 - Shipped as a part of FLEXCUBE IS
 - Launched from FLEXCUBE IS menu - Report types
 - Tightly coupled to FLEXCUBE database design
 - Customized Reports
 - Similar to Canned, but built based on "custom" requirements
 - Developed as part of customization releases (onshore or offshore)
- OBIEE
 - Ad-hoc reports based on metadata,
 - OBIEE repositories shipped as a part of FLEXCUBE IS for select modules
 - OBIEE provides Separate reporting platform

3.3 BIP Reports

Oracle BI Publisher is a strategic enterprise reporting product from Oracle that provides the ability to create and manage highly formatted reports from a wide range of data sources.

Oracle BI Publisher is available as part of the Oracle BI Enterprise Edition Suite and also as a standalone reporting tool.

3.4 OBIEE rpd Meta data

OBIEE Plus is a comprehensive BI platform that provides the best foundation for building enterprise BI solutions. It includes a full range of easy-to-use and intuitive end-user tools such as Interactive Dashboards, advanced reporting and publishing, full ad-hoc analysis over the Web, proactive detection and alerts, mobile analytics, Microsoft Office integration, Web Services and business process integration, and more.

3.5 Prerequisites – for Report development

3.5.1 BIP based reports

- Target FLEXCUBE environment
- Oracle BIP software
- RAD Tool (Optional)

3.5.2 OBIEE based reports

- Target FLEXCUBE environment
- Oracle OBIEE suite

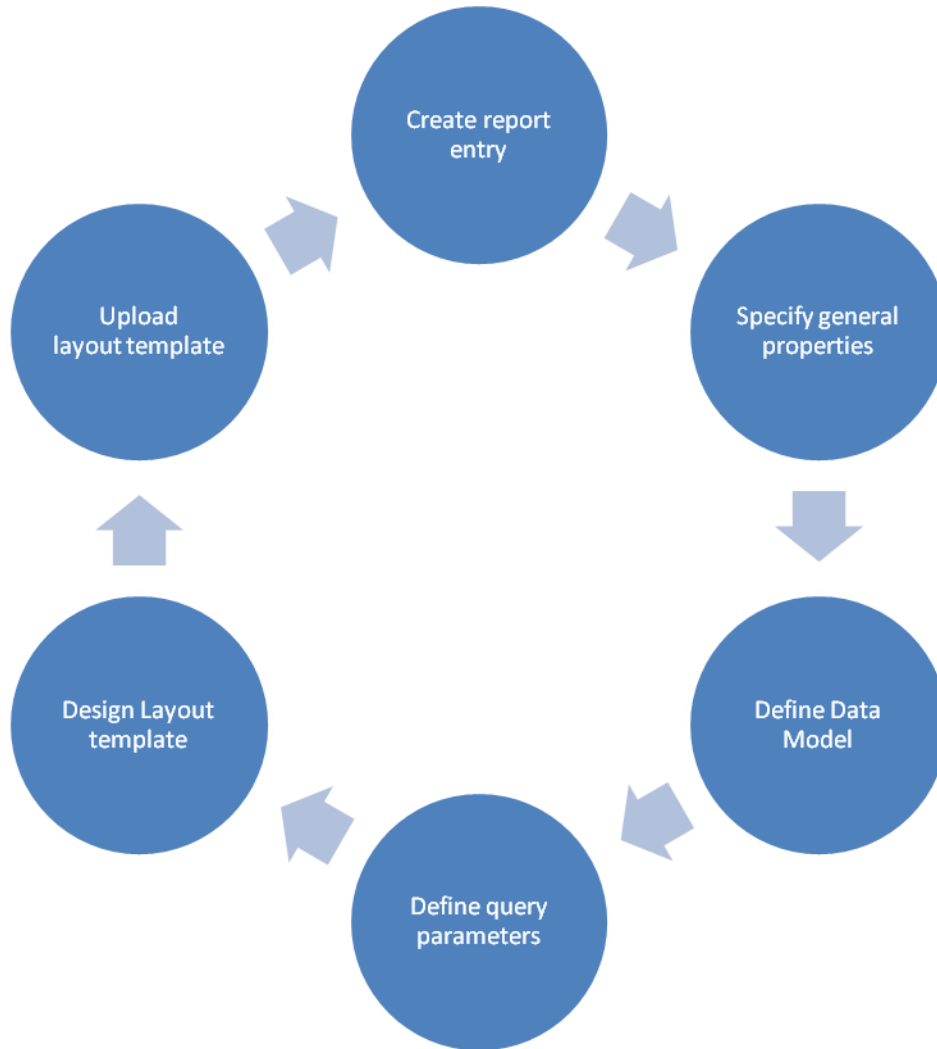
3.6 Data model to get Report Query

Database SELECT Query forms the basis for FLEXCUBE IS Reports. FLEXCUBE IS provides data model for select modules and this includes the table and column description with enumeration values. This data model can be used to create the custom report query.

4 Report Development

4.1 BIP Reports

This section describes overall steps to create BIP report on BIP server.

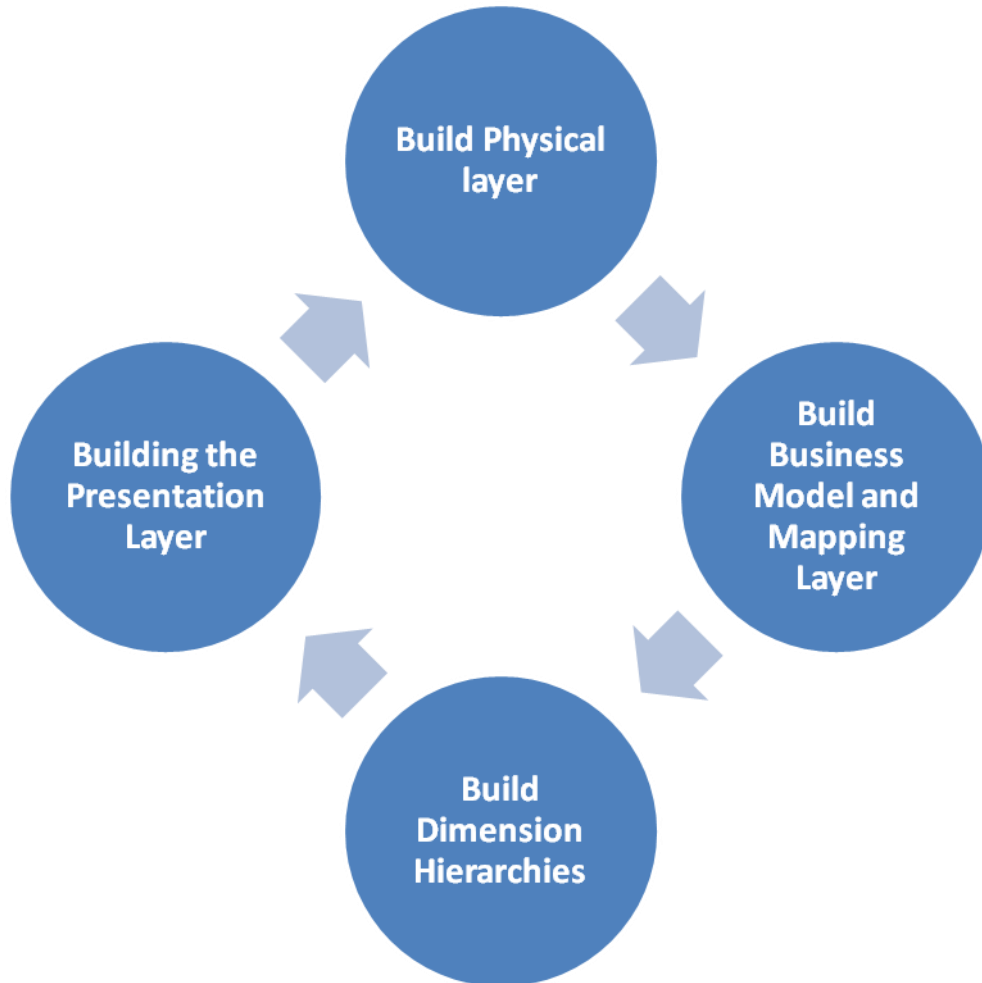


BIP Report development cycle as follows:

- Create the report entry in the desired folder on the Reports page.
- Open the report editor
- Specify the general properties for the report.
- Define the Data Model.
- Define the parameters that you want users to pass to the query
- Design the Layout template.
- Uploading the layout template to the report editor.

4.2 OBIEE rpd development

This section describes overall steps to create RPD Meta data on OBIEE server.



- **Building the Physical layer of a repository**

The Physical layer defines the data sources to which Oracle BI Server submits queries and the relationships between physical databases and other data sources that are used to process multiple data source queries.
- **To build the Business Model and Mapping layer, you perform the following steps:**
 - Create a Business Model
 - Create Logical Tables
 - Create Logical Columns
 - Create Logical Joins
 - Rename Business Model Objects
 - Delete Unnecessary Business Model Objects
 - Build Dimension Hierarchies

- **Building the Business Model and Mapping Layer of a Repository**
The Business Model and Mapping layer of the Administration Tool defines the business, or logical, model of the data and specifies the mappings between the business model and the Physical layer schemas
- **Build Dimension Hierarchies**
In a business model, a dimension hierarchy represents a hierarchical organization of logical columns belonging to a single logical dimension table.
- **Building the Presentation Layer of a Repository**
It is the view of the data seen by end users in client tools and applications, such as Oracle BI Answers.

5 Resources

Refer the below resources to gain further working knowledge with RAD tool.

<i>To Do</i>	<i>Resources</i>
BIP report integration with RAD screen	<i>FCIS-FD02-04-01-RAD BIP Report Integration</i>
BIP Report Development Guide	<i>FCIS-FD07-02-01-BIP Report Development Guide</i>
OBIEE repository Development Guide	<i>FCIS-FD07-03-01-OBIEE repository Development Guide</i>



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