

Oracle® Banking Corporate Lending Development of Report Forms



Release 14.8.2.0.0

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The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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Oracle Banking Corporate Lending Development of Report Forms, Release 14.8.2.0.0

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4 Coding in Hook Package

Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Critical Patches](#)
- [Conventions](#)
- [Documentation Accessibility](#)
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Purpose

This manual is designed to help acquaint you with the features of Report Forms in FLEXCUBE and the process of designing an Report form screen using Development Workbench for Universal Banking.

Acronyms and Abbreviations

Table 1 Acronyms and Abbreviations

Acronyms	Abbreviations
FCUBS	Oracle FLEXCUBE Universal Banking Solution
OBCL	Oracle Banking Corporate Lending
ODT	Oracle Development Tool

Audience

This document is intended for Oracle FLEXCUBE Universal Banking Application developers/ users that use Development Workbench to develop various Oracle FLEXCUBE Universal Banking components. To use this manual, the user needs a conceptual and working knowledge of the below:

Table 2 Proficiency Details

Proficiency	Resources
Oracle FLEXCUBE Universal Banking Technical Architecture	Training programs from Oracle Financial Software Services.
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Conventions

The following text conventions are used in this document:

Table 3 Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Documentation Accessibility

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve.

Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

For further information, refer to the documents:

- [Development Workbench - Screen Development](#)
- [Development Workbench - Screen Development II](#)

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

1

Overview of FLEXCUBE Reports

This topic describes about the Overview of FLEXCUBE Reports.

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

FLEXCUBE UBS uses two software as reporting platforms.

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

This document describes the process of designing a Report Form for a BIP Report using Development Workbench. The process of designing RTF and XDO files are not explained in this manual.

Note

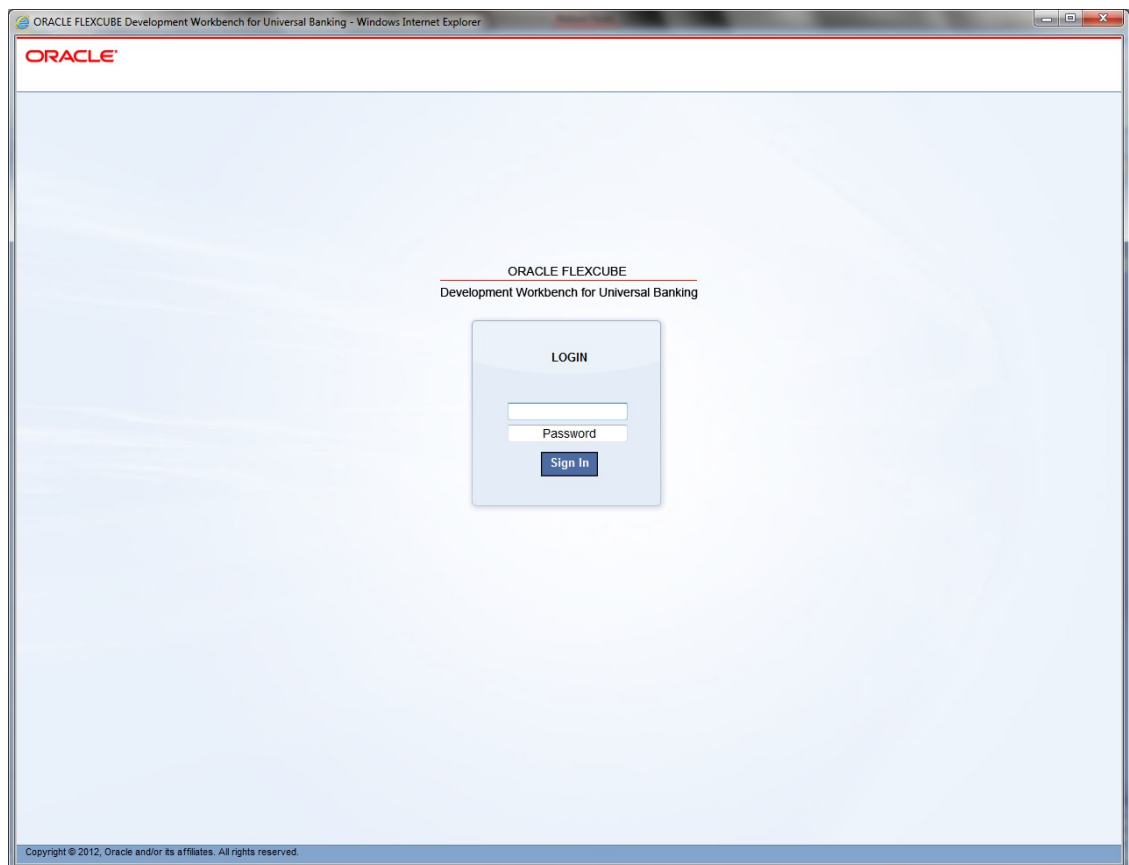
This document assumes a given report RTF file and data template XML is already available.

2

Design Report Form

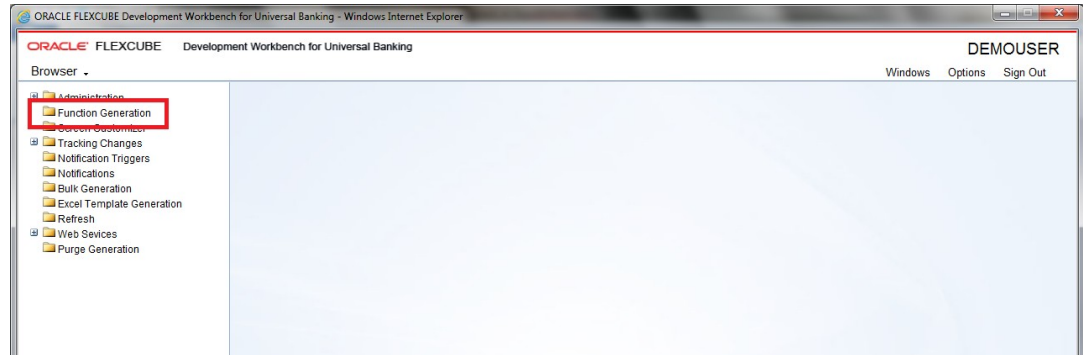
This topic describes the systematic instruction to Design Report Form Login to FLEXCUBE Development workbench.

Figure 2-1 Login



1. From browser, select **Function Generation**.

Figure 2-2 Function Generation

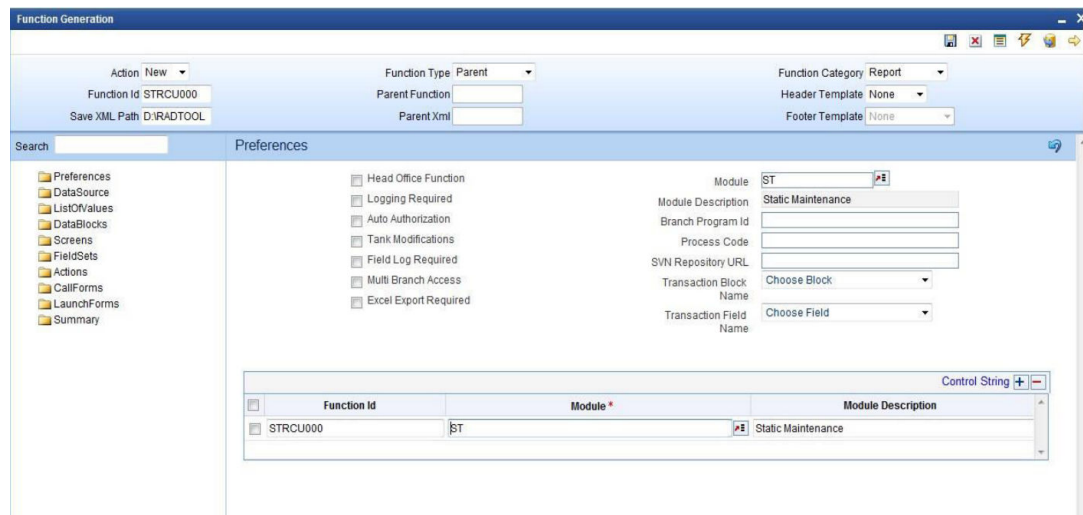


2. Select **New** from **Action**
3. Set the function type as **Report** from the drop down list in **Function Category**.

Note

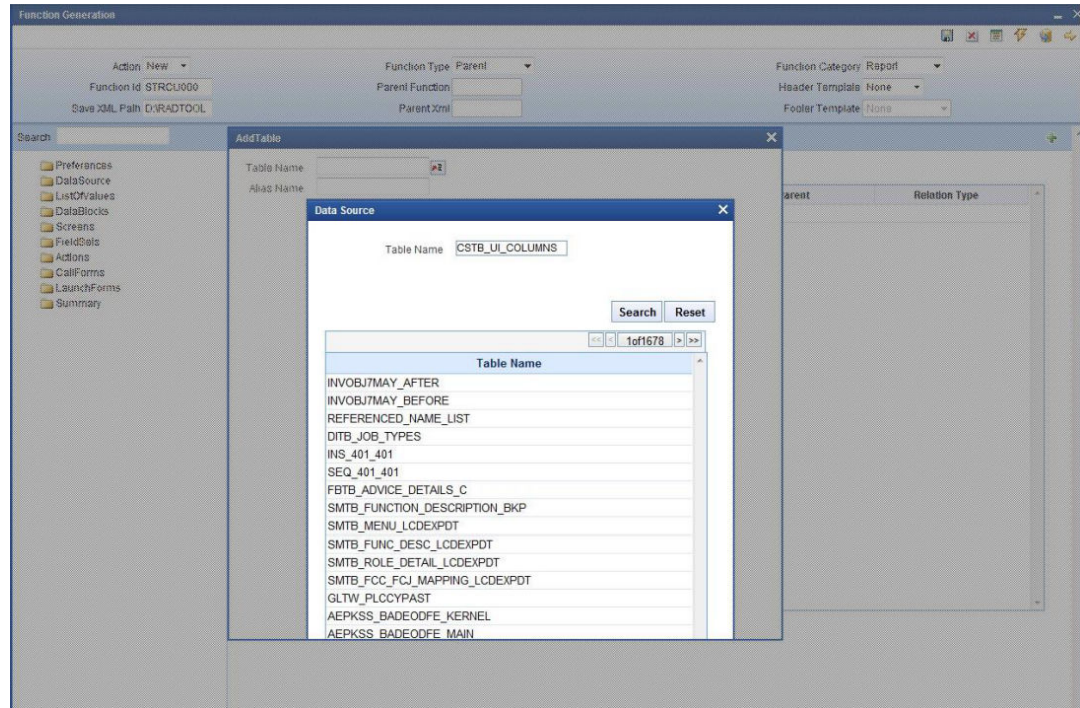
Type in the name of the screen and make sure that the third letter of the name is **R**.

Figure 2-3 Report Screen design



4. Right click **DataSource** to add the data sources.
5. In a report screen, the only table that should be added is **CSTB_UI_COLUMNS**. Add columns from the table as required. The number of columns to be added depends on the number of report parameters required in the report screen. Add as many fields as required in the report screen.

Figure 2-4 Add Data Sources



6. Right click on data blocks and add block fields.

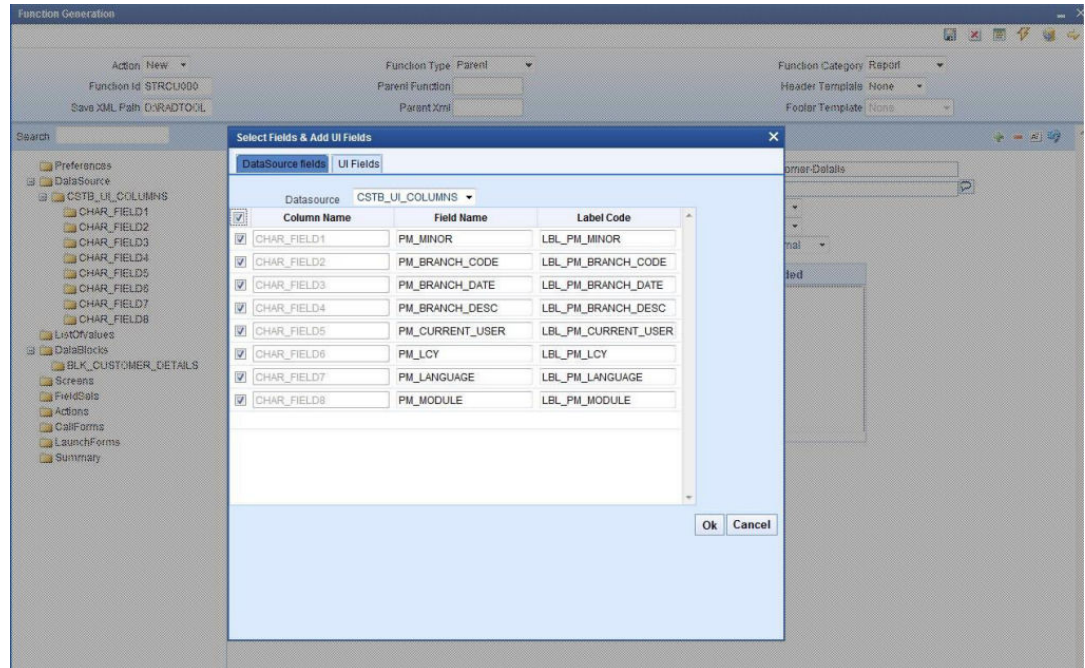
There are some generic report parameters which needed to be added in any report screen. They are:

- PM_MINOR
- PM_BRANCH_CODE
- PM_BRANCH_DATE
- PM_BRANCH_DESC
- PM_CURRENT_USER
- PM_LCY
- PM_LANGUAGE
- PM_MODULE

Note

While adding columns to the data source CSTB_UI_COLUMNS, take these generic parameters also into consideration.

Figure 2-5 Add Data Block Fields



7. Select **Report Parameter** checkbox in case of report parameters. Also, uncheck the **Visible** in all generic parameters. Also, default values are to be given to some of these fields.

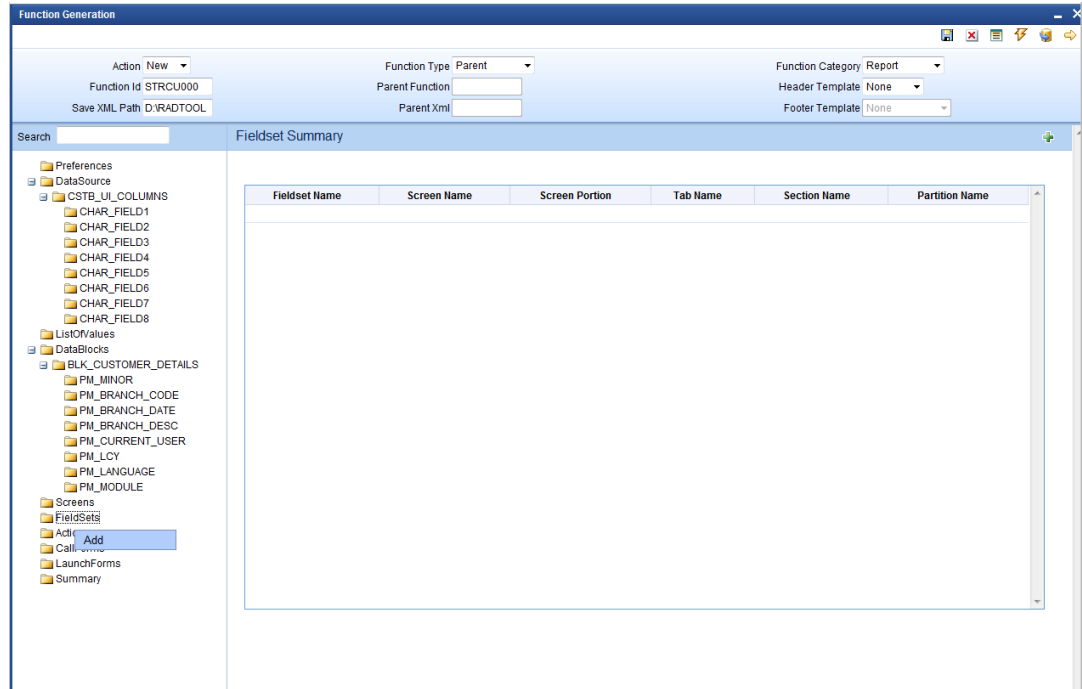
For example,

- PM_BRANCH_CODE specify the Default value as GLOBAL.CURRENT_BRANCH
- PM_BRANCH_DATE specify the Default value as GLOBAL.APPLICATION_DATE
- PM_CURRENT_USER specify the Default value as GLOBAL.USER_ID

Development Workbench would automatically add the Report Options for all Report screens. Following are the report options:

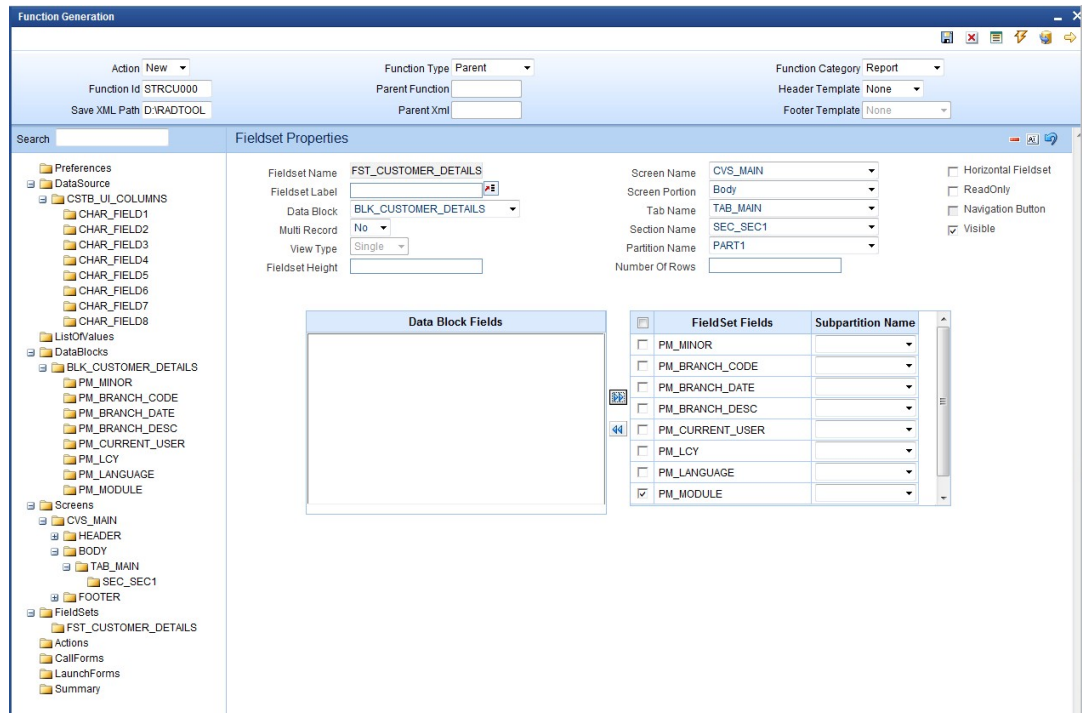
- Report Format
 - Report Output (Print, Spool, View)
 - Print At (Client/Server)
 - Printer ID
8. To add new field set, right click on field set.

Figure 2-6 Add Fieldset Properties



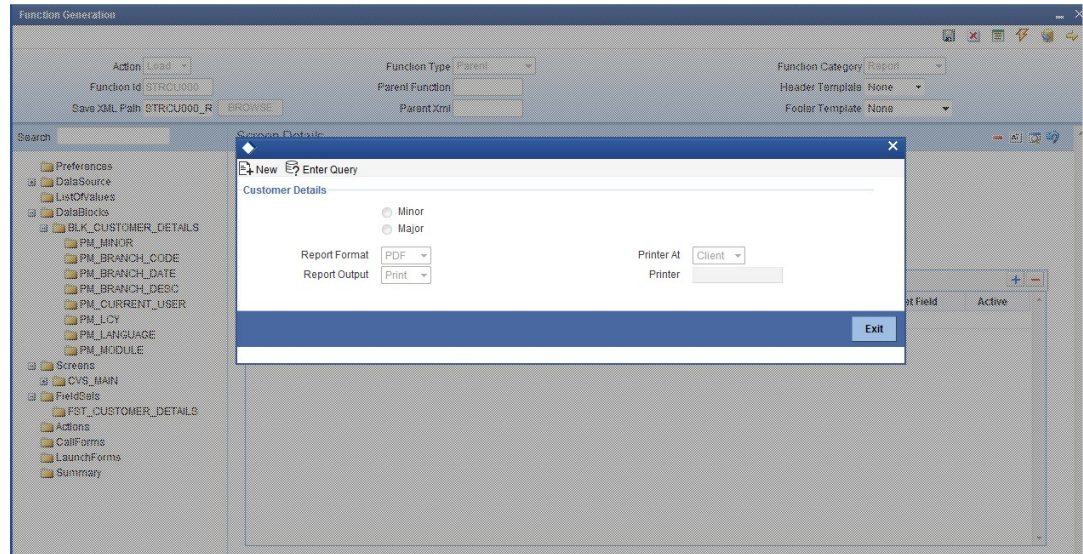
9. Provide field set properties.

Figure 2-7 Fieldset Properties Details



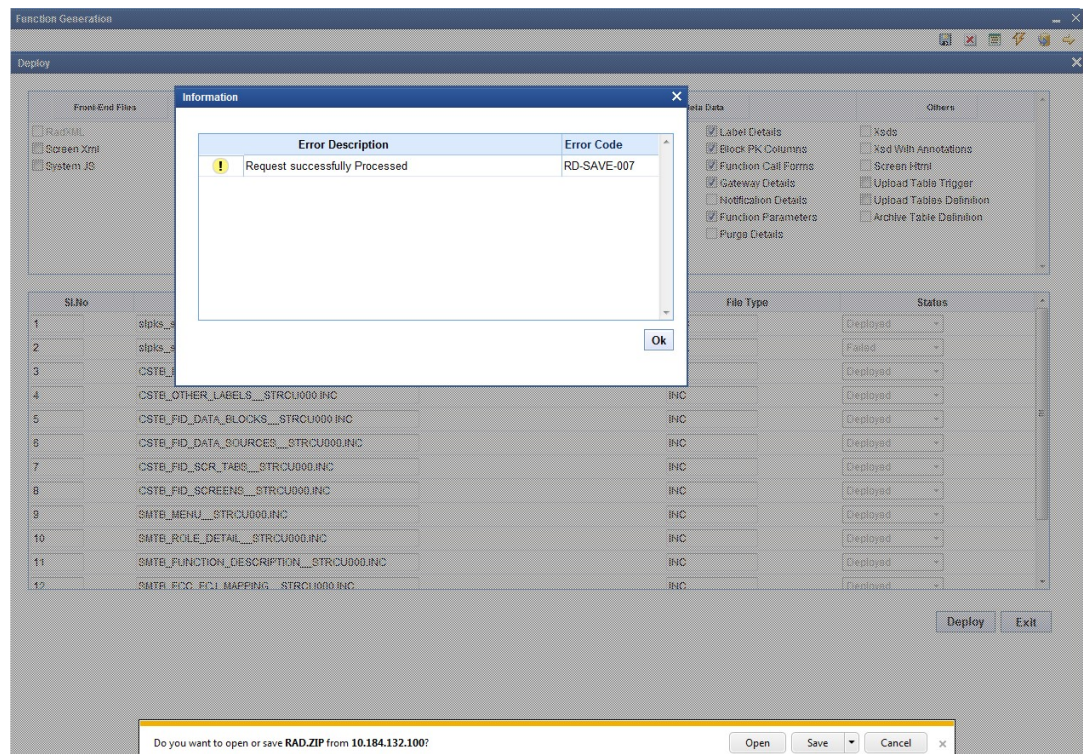
10. To preview the screen, right click on the screen name and select **Preview**.

Figure 2-8 Preview of Report Form



11. Save and generate the files.

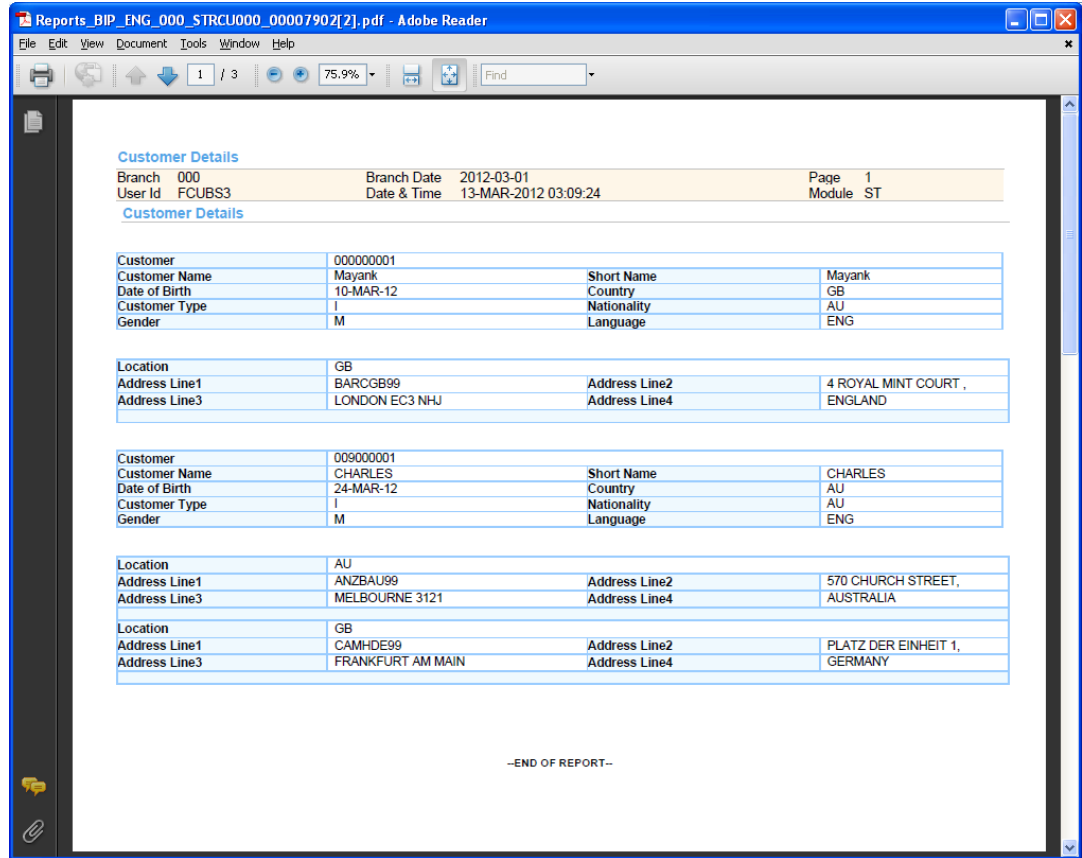
Figure 2-9 Generation of Files



12. Deploy the files.
13. Click **Deploy** button to deploy the report screen.

The sample report screen displays.

Figure 2-10 Sample Report screen



3

RTF and XDO Files

This topic describes about the RTF and XDO Files

The rtf file contains the specification for the layout of the report screen.

The xdo file contains the queries which will pick up the relevant values from the back end. The columns to be loaded also should be added in this file.

Both rtf and xdo files needs to be deployed in the BIP server for launching Reports from FLEXCUBE.

4

Coding in Hook Package

This topic provides detailed information on coding in Hook Package.

- Code for deriving the bind values in xdo query has to be written in Hook package and the same has to be called on loading the xdo. Usually the function **Afterpform** is written in Hook package for this purpose.
- Any functions used in the xdo query is usually written in the Hook package.