# Oracle® FLEXCUBE Investor Servicing

## Development Workbench - Bulk Generation

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Oracle FLEXCUBE Investor Servicing Development Workbench - Bulk Generation, Release 14.8.0.0.0

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# Contents


## Preface

Purpose i
Audience i
Documentation Accessibility ii
Critical Patches ii
Diversity and Inclusion ii
Conventions ii
Screenshot Disclaimer iii
Prerequisite iii
Related Resources iii

## 1 Bulk Generation

1.1 Generate Bulk Files 1
1.2 Source File List 4
1.3 Log Files 4

# Preface

**Oracle FLEXCUBE Investor Servicing** is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:


- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions
- Screenshot Disclaimer
- Prerequisite
- Related Resources


## Purpose

This manual is designed to help FLEXCUBE Application developers/users to familiarize with ORACLE FLEXCUBE Development Workbench for Investor Servicing.

## Audience

This document is intended for FLEXCUBE Application developers/users that use Development Workbench to develop various FLEXCUBE components.

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

**Table 1 Proficiency and Resources**

| Proficiency | Resources |
|---|---|
| **FLEXCUBE Functional Architecture** | Training programs from Oracle Financial Software Services. |
| **FLEXCUBE Technical Architecture** | Training programs from Oracle Financial Software Services. |
| **FLEXCUBE Object Naming Conventions** | Development Overview Guide |

**Table 1 (Cont.) Proficiency and Resources**

| Proficiency | Resources |
|---|---|
| **Working knowledge of Web based Applications** | Self-Acquired |
| **Working knowledge of Oracle Database** | Oracle Documentations |
| **Working knowledge of PLSQL developer** | Respective vendor documents |
| **Working knowledge of PLSQL and SQL Language** | Self-Acquired |
| **Working knowledge of XML files** | Self-Acquired |

# Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

**Access to Oracle Support**

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

# 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.

# 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.

# Conventions

The following text conventions are used in this document:

| Convention | Meaning |
|---|---|
| **boldface** | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| *italic* | 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. |

# 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.

# Prerequisite

Specify **User ID** and **Password**, and log in to **Home Screen**.

# Related Resources

The functions of ORACLE FLEXCUBE Development Workbench for Investor Servicing system is organized into various guides, each discussing a component.

For more information, see these Open Development Tool documents:

- *Open Development Tool Installation*
- *Development Workbench - Getting Started*
- *Development Workbench - Administration*
- *Development Workbench - Screen Development I*
- *Development Workbench - Screen Development II*
- *Development Workbench - Screen Customizer*
- *Development Workbench - Notifications*
- *Development Workbench - Source Upgrade*
- *Development Workbench - Tracking Changes*
- *Child and Screen Childs - Concept and Design*
- *Development of Maintenance Form*
- *Development of Online Form*
- *Development of Call Form*
- *Development of Launch Forms and Other Screens*
- *Development of Dashboard Form*
- *Development Workbench Service XML Development*
- *Development Workbench Performance Tuning Enhancements*
- *Development Workbench - Rest Services Development*

1

# Bulk Generation

This topic provides information on the Development Workbench - Bulk Generation module.

Oracle FLEXCUBE Universal Banking Development Workbench provides bulk generation (all files at one time) of both front-end and back-end units for both Extensible and Non-Extensible RADXMLs.

> **Note**
>
> For Non-Extensible function IDs (RADXMLs), the bulk generation of only front-end files are supported.

This topic contains the following sub-topics:

- Generate Bulk Files
  This topic provides the systematic instructions to generate both front-end and back-end units in bulk.
- Source File List
  This topic provides the systematic instructions on how to prepare a source file.
- Log Files
  This topic provides information on Log Files.

## 1.1 Generate Bulk Files

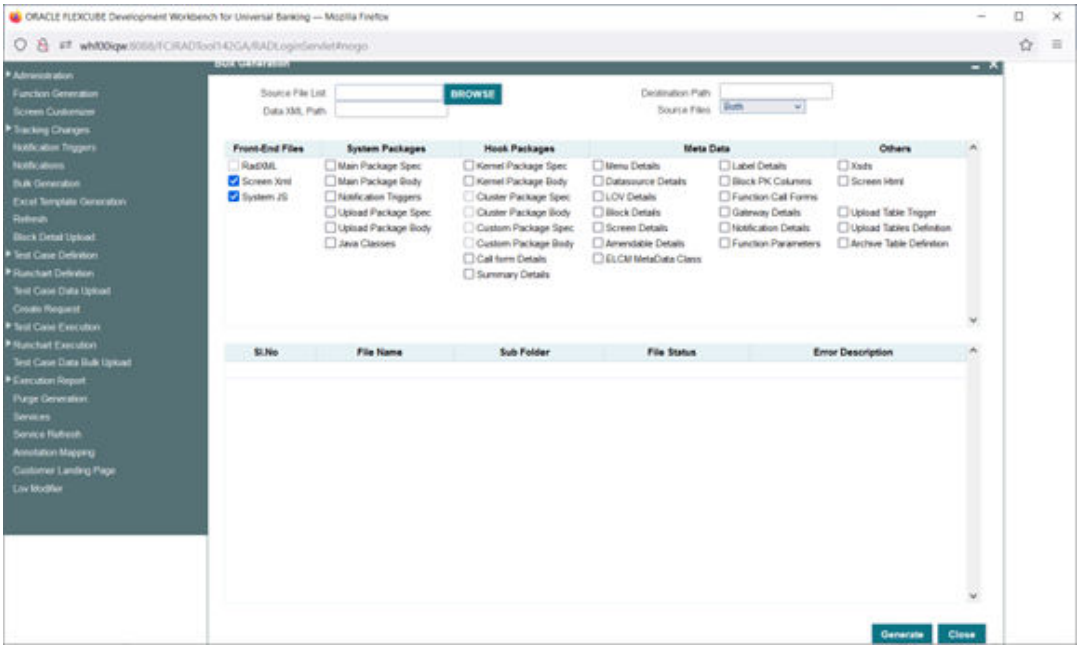
This topic provides the systematic instructions to generate both front-end and back-end units in bulk.

On the Development Workbench Login page, specify the **User ID** and **Password**, and log in to the Development Workbench Landing Page.

1. On **Expand Menu**, click **Bulk Generation** node.

   The **Bulk Generation** screen is displayed.

**Figure 1-1 Bulk Generation**




2. On the **Bulk Generation** screen, specify the fields.

   For more information on fields, refer to the field description table.

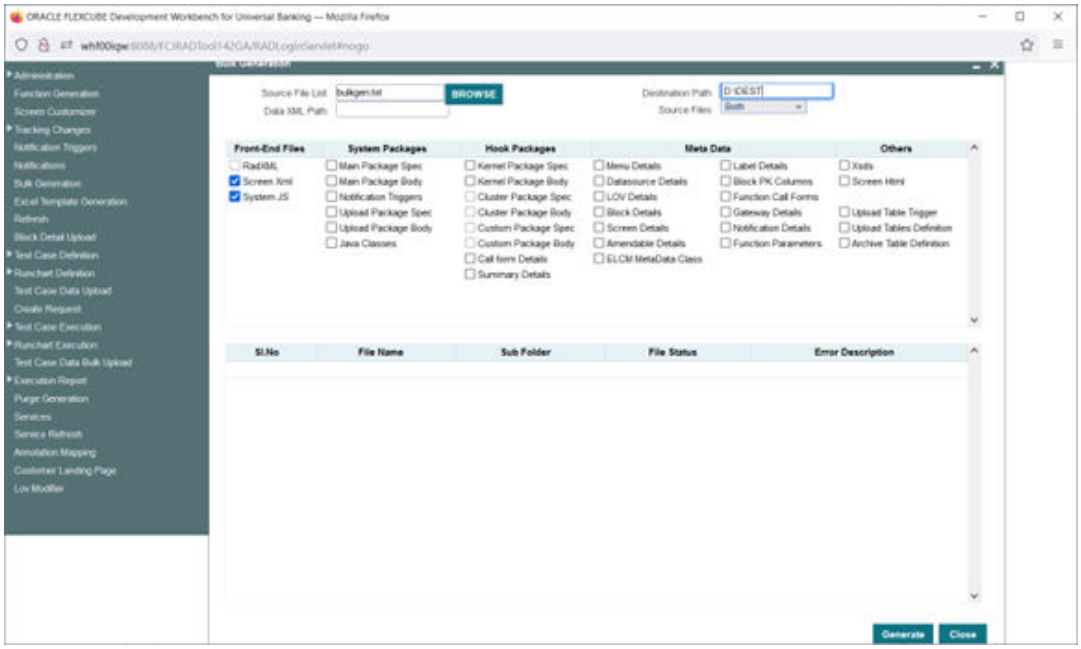
**Table 1-1 Bulk Generation - Field Description**

| Field | Description |
|---|---|
| **Source File List** | The user must create a text file containing the absolute path of the RADXML for which bulk generation has to be done.<br>Refer to the topic Source File List |
| **Destination Path** | Enter the path where files will be generated. The **Destination Path** must be in the Client Machine if the Save Mode is Client, and it must refer to a path in Server if the Save Mode is Server.<br>**Note:** The Zip mode is not supported for the Bulk generation activity. |
| **Sources Files** | Select the sources files from the drop-down list:<br>• **Extensible** - On the selection of this option, only extensible files will be considered for a generation.<br>• **Non-Extensible** - On the selection of this option, only non-extensible files will be considered for a generation.<br>• **Both** - Both extensible and non-extensible files get generated.<br>The **Data XML Path** field is defunct.<br>The user has to select the required files to be generated for all RADXML's. |

3. Workbench will generate the required files into respective folders.

   The workbench generates the required files into respective folders.

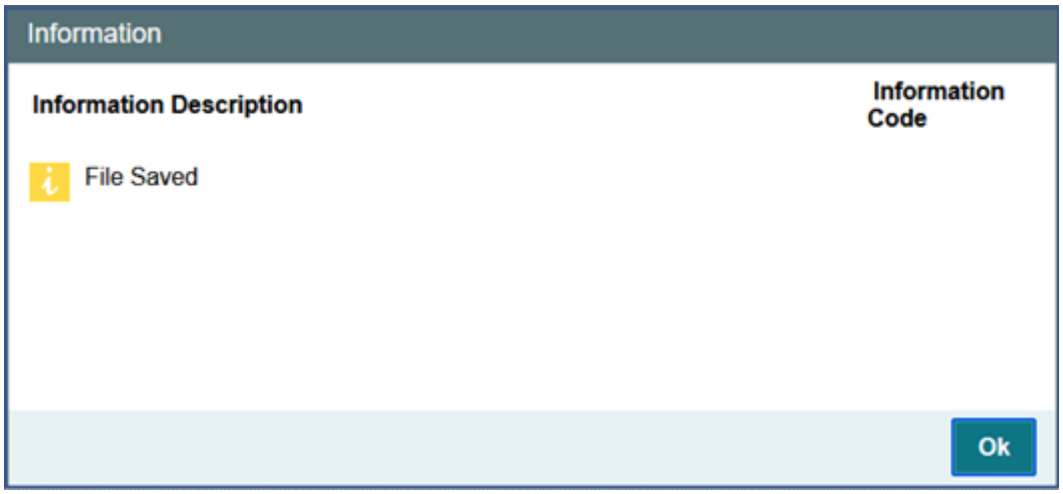
**Figure 1-2 Bulk Generation after Selection of Required Fields**




4. On the **Bulk Generation** screen, click **Generate**.

   The **Information** window displays the generation status.

**Figure 1-3 Information Message on successful bulk generation**




On the successful generation of files, the file status displays as generated, and on failure, the file status displays as failed.

> **Note**
>
> No front-end units will be generated for the notification and purge-entity RADXMLs.

The time taken for bulk generation of units depends on the number of files, the number of units to be generated for each file, the client, and server machine configuration, etc.,

# 1.2 Source File List

This topic provides the systematic instructions on how to prepare a source file.

Prepare a text file with an absolute path.

If all the files are placed in one folder, dos commands (as shown below) can be used to generate the text file.

```
Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN>Dir /b /s *_RAD.xml >
D:\BulkGeneration\Console.txt
```

**Figure 1-4 Source File list sample**


### Include Call form List

If the user is generating function IDs which has call forms attached to them, then the call form list should be included as a part of the source file list. If the call form is not included, then the generation fails.

If units for call form files are not required to be generated, then call form paths can be prefixed with a **Double Hyphen (--)**. All lines starting with a double hyphen will not be taken up for the bulk generation.

As it is difficult to search and put each call form for individual screens, prepare a call form list upfront and add the files to be generated at the end of the call form list. Even if any of the call forms is repeated in the generation list it won't affect the generation of that file.

For example, include call form to the source list, `--Z:\FLEXCUBE_Kernel\FCUBS_11.4.0\MAIN\AM\RADXML\AMCPRPCL_RAD.xml`

If the user is generating a complete RADXML from the baseline area, a call form list is not required.

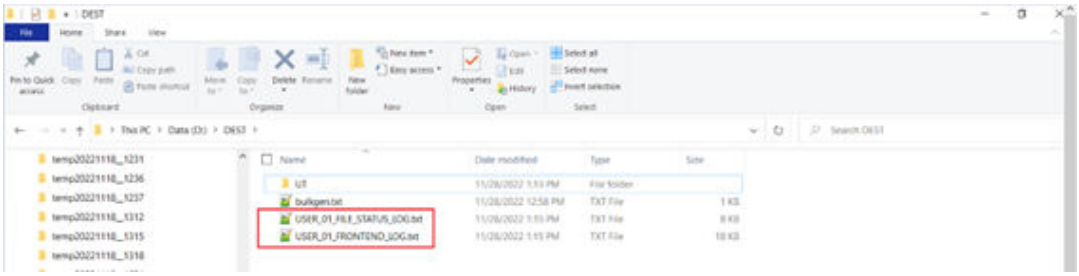
# 1.3 Log Files

This topic provides information on Log Files.

1. To view the generated file status, navigate to the bulk generation console path.

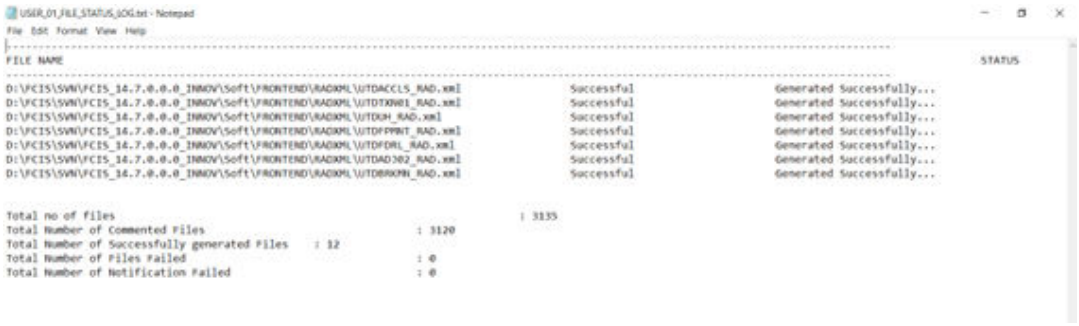
   Development Workbench generates a file status log in the **Destination Path**.

**Figure 1-5 Status Log files Path**



2. You can view the details of all the files processed and their status in the Status Log Files.

**Figure 1-6 Status Log files**



3. You can view the details of all the missing label information which are generated for each function ID for the generated units.

**Figure 1-7 Missing Labels files Path**