

# Oracle® Banking Corporate Lending

## Purge Entity Definition



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.

ORACLE®

Oracle Banking Corporate Lending Purge Entity Definition, Release 14.8.2.0.0

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# Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Audience](#)
- [Critical Patches](#)
- [Conventions](#)
- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)

## Purpose

This manual is designed to help acquaint you with the method to configure purge entities and to apply purge filters and discusses the process of purge generation in Oracle FLEXCUBE Universal Banking Development Workbench.

## 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
<b>boldface</b>	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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Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Related Resources

For more information on any related features, refer to the following documents:

- [Development Workbench - Getting Started](#)
- [Development Workbench - Screen Development](#)

## 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 Purge Entity

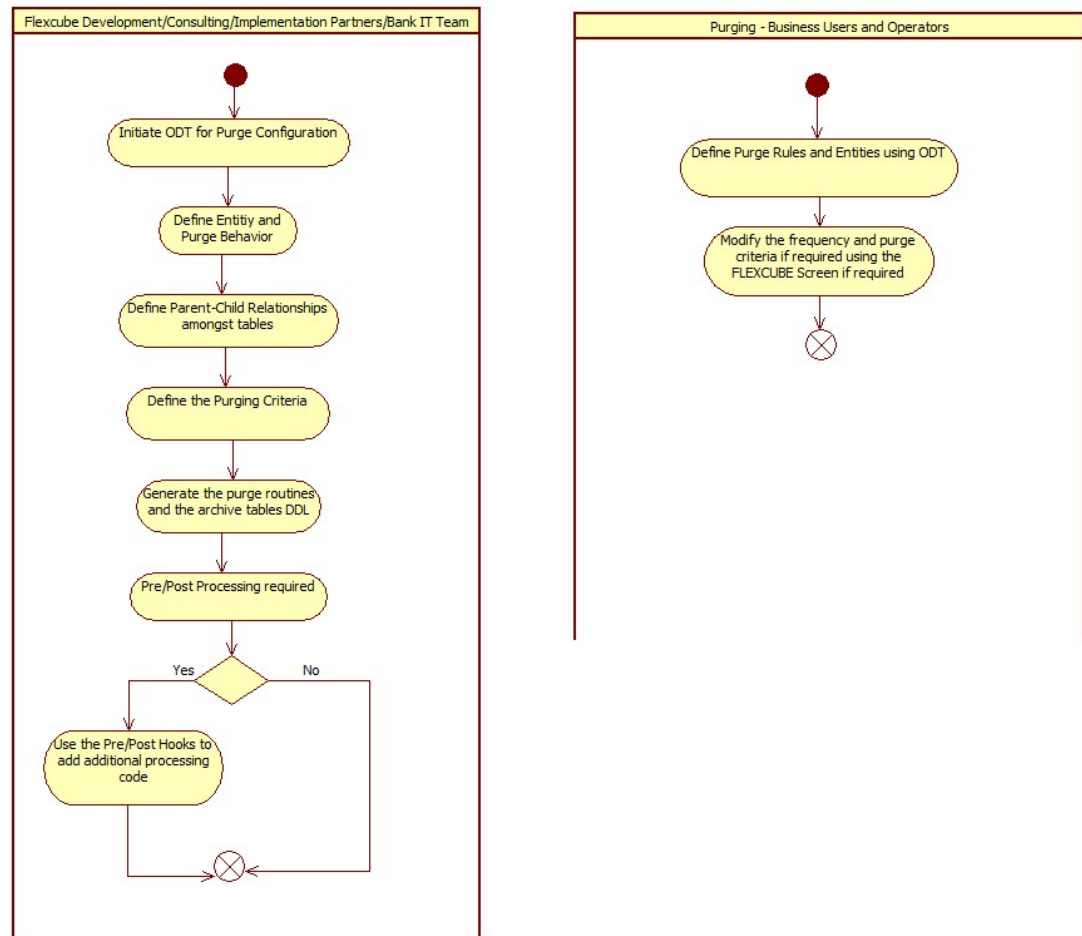
This topic provides an overview of Purge Entity.

A new Purge Framework is introduced in Oracle FLEXCUBE Universal Banking, where users can configure the data to be purged. This framework consists of two parts:

- Purge Parameter Configuration
- Purge Execution

The following diagram captures the framework of Purge Parameter Configuration.

**Figure 1-1 Purge Parameter Configuration Framework**



Workbench will be used to define the list of entities to be purged. Persistence of Purge Entity Configured is achieved through the RADXML saved by the tool.

This topic contains the following sub-topic:

- [Purge Parameters Configuration](#)  
This topic provides detailed information on Purge Parameters Configuration.

## 1.1 Purge Parameters Configuration

This topic provides detailed information on Purge Parameters Configuration.

The Open Development Tool utility for generating the Purge routines is to be used for the initial purge parameter configuration. The tool generates the packages that will have the purge logic based on the criteria. The tool will be used for the following:

1. Maintaining the list of entities that need to be purged. This includes maintaining the Master-Child relationship between the tables. Each entity will have the following:
  - Parent table
  - Primary key for the parent table and the data types of the key fields.
  - List of child tables.
  - Relation with the parent tables and the data types of the key fields.
2. Maintaining the purge behavior – whether the data must be deleted or archived.
3. Maintaining the mode of purge – whether it is bulk or record level.
4. Maintaining the archive table suffix if the purge behavior is to archive the data.
5. Maintaining the filter criteria to determine what data to purge. These filter criteria are applied on the parent table to identify the data to purge, and based on the setup, corresponding data will also be purged from the child tables.

# 2

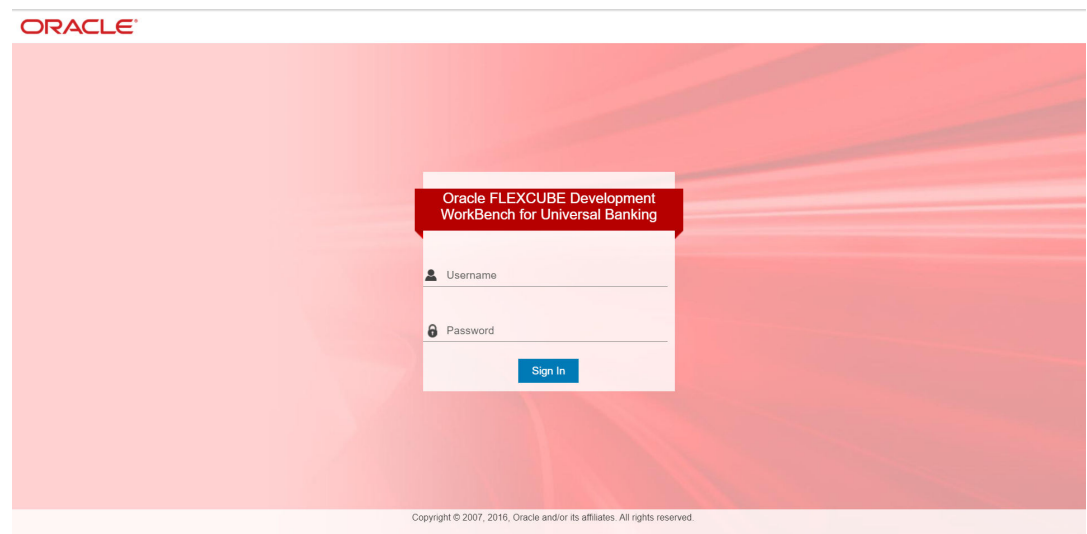
## Purge Entity Definition

This topic explains the systematic instructions about Purge Entity Definition.

1. Specify the URL <http://whf00iqw:8080/FCJRADTool142GA/>.

The **Oracle FLEXCUBE Universal Banking Development Workbench** login page is displayed.

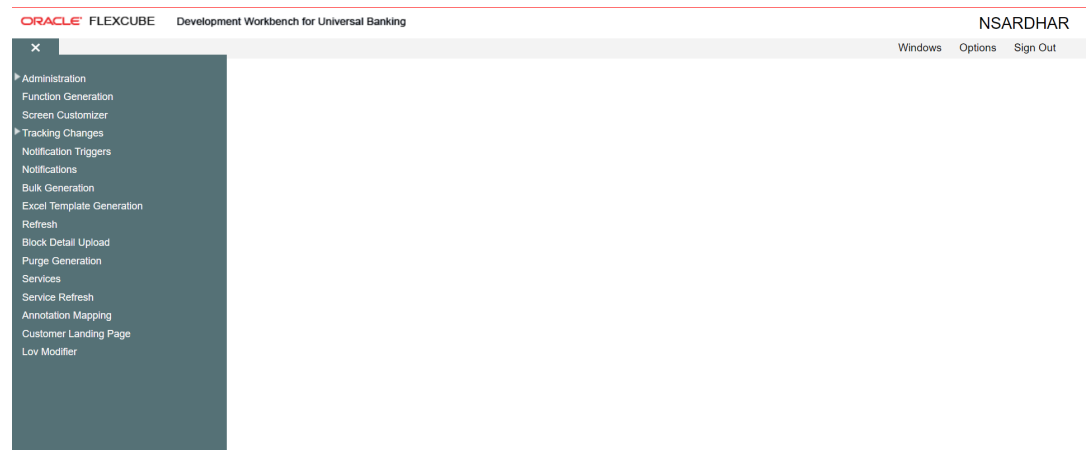
**Figure 2-1 Login**



2. On the **Oracle FLEXCUBE Universal Banking Development Workbench** login page, specify the **Username**, **Password**, and click **Sign In**.

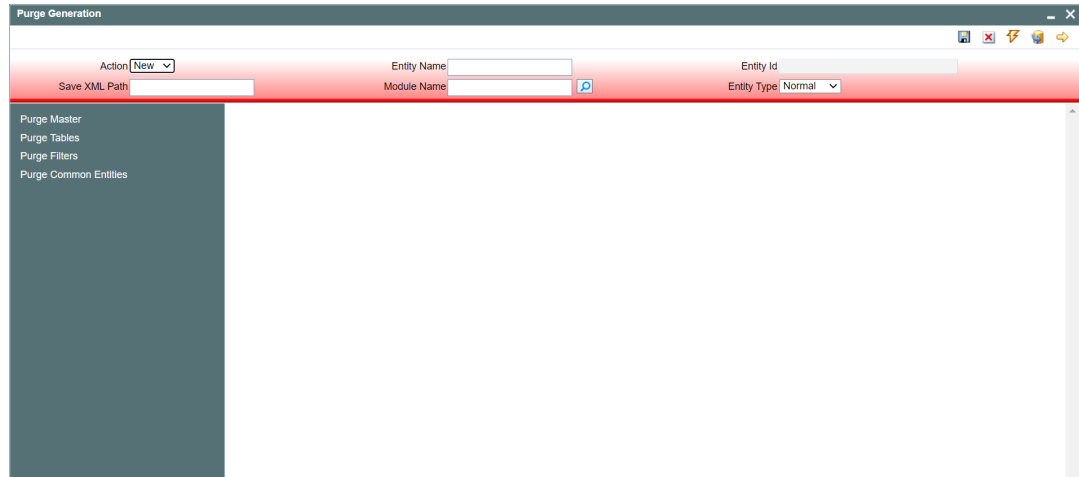
The **Development Workbench\_Home Page** is displayed.

**Figure 2-2 Development Workbench\_Home Page**



- On the **Development Workbench\_Home Page**, click **Purge Generation**.  
The **Purge Generation** screen is displayed.

**Figure 2-3 Purge Generation**



- On the **Purge Generation** screen, specify the fields.  
For more information on fields, refer to the field description table.

**Table 2-1 Purge Generation**

Field	Description
<b>Action</b>	Select the Action from the drop-down list. <ul style="list-style-type: none"> <li>• <b>None</b></li> <li>• <b>New</b></li> <li>• <b>Load</b></li> </ul>
<b>Entity Name</b>	Specify the name of the entity.
<b>Entity ID</b>	Open Development Tool defaults the entity ID. Entity ID name is derived as <Module_Name>P<Entityname>. For example, FTPCONTRACT
<b>Save XML Path</b>	Specify the location of the RAD XML file.
<b>Module Name</b>	Specify the <b>Module Name</b> to which the entity belongs or click the search icon to view the <b>Module Code</b> pop-up window. By default, this window lists the Module Codes present in the system. You can search for a specific <b>Module Code</b> by providing <b>Module Code</b> or <b>Module Description</b> and clicking on the <b>Search</b> button.
<b>Entity Type</b>	Specify the Entity Type from the drop-down list. <ul style="list-style-type: none"> <li>• <b>Normal</b></li> <li>• <b>Common</b></li> </ul>

- On the **Purge Generation** screen menu, you can find the following screen options:
  - [Purge Master](#)  
This topic explains the systematic instructions about Purge Master.
  - [Purge Tables](#)  
This topic explains systematic instructions about purge tables.
  - [Purge Filters](#)  
This topic explains systematic instructions about the purge filters.

## 2.1 Purge Master

This topic explains the systematic instructions about Purge Master.

1. On the **Purge Generation** screen menu, click on **Purge Master**.  
**Purge Master - Preferences** screen is displayed.

**Figure 2-4 Purge Master - Preferences**

2. On the **Preferences** screen, specify the fields  
For more information on fields, refer to the field description table.

**Table 2-2 Preferences**

Field	Description
<b>Entity Description</b>	Specify a brief description of the entity that is are defining.
<b>Purge Type</b>	Select the purge type in the drop-down list: <ul style="list-style-type: none"> <li>• <b>Delete</b> - The Data will be deleted from the main tables.</li> <li>• <b>Archive</b> - The data will be saved in the archive tables and deleted from the main tables.</li> </ul>
<b>Purge Mode</b>	Select the mode of purge from the drop-down list: <ul style="list-style-type: none"> <li>• <b>Entity</b> - Purge happens based on the entity or record.</li> <li>• <b>Bulk</b> - Purge happens in bulk for many records.</li> </ul>
<b>Purge Frequency</b>	Select the frequency at which the purge should happen from the following options: <ul style="list-style-type: none"> <li>• <b>Ad-hoc</b></li> <li>• <b>Daily</b></li> <li>• <b>Weekly</b></li> <li>• <b>Monthly</b></li> <li>• <b>Quarterly</b></li> <li>• <b>Yearly</b></li> </ul>

Table 2-2 (Cont.) Preferences

Field	Description
<b>Archive Table Suffix</b>	Specify the text that should suffix the main table name during the archive purge operation. If the purge type is <b>Archive</b> , you must specify this. For example, if the name of the main table is <b>MAIN_TABLE</b> and you have specified the archive table suffix as <b>HIST</b> , then after the purge, the name of the archive table will be <b>MAIN_TABLE_HIST</b> .
<b>Archival Destination</b>	Select the archival destination from the following options: <ul style="list-style-type: none"> <li>• <b>Same Schema</b></li> <li>• <b>Different Schema in same instance</b></li> <li>• <b>Different Database</b></li> </ul>

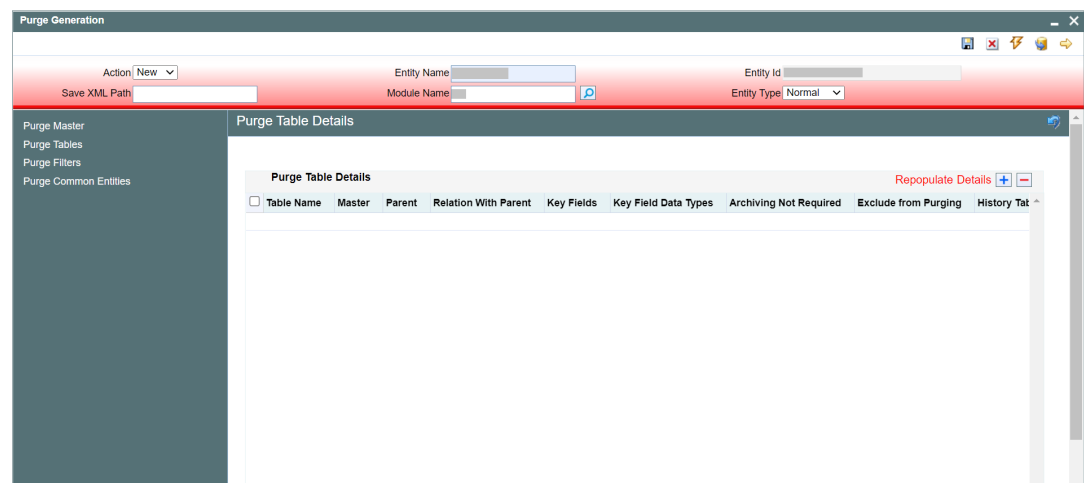
## 2.2 Purge Tables

This topic explains systematic instructions about purge tables.

1. On the **Purge Generation** screen menu, click on **Purge Tables**.

The **Purge Table Details** screen displays.

Figure 2-5 Purge Table Details



2. On the **Purge table Details** screen, specify the fields  
For more information on fields, refer to the field description table.

Table 2-3 Purge table Details

Field	Description
<b>Table Name</b>	Specify the name of the table.
<b>Master</b>	Check this box to indicate that the selected table is the master table.
<b>Parent</b>	If the selected table is not the parent table, you need to specify the master table name here.
<b>Relation With Parent</b>	Specify the relation of the selected table with the parent table.

Table 2-3 (Cont.) Purge table Details

Field	Description
<b>Key Fields</b>	Specify the key field name. You can populate the key fields by clicking the <b>P</b> button adjoining the table name.
<b>Key Fields Data Types</b>	Specify the key field data type. You can populate the key field name and data type by clicking the <b>P</b> button adjoining the table name.
<b>Archiving Not Required</b>	You can exclude specific tables from archiving in purge mode Archive. Check this box against the tables that you need to exclude from archiving.
<b>Exclude from Purging</b>	You can exclude selected tables from purging. Check this box against the tables that you need to exclude from purging.
<b>History Table Name</b>	Specify the history table name.

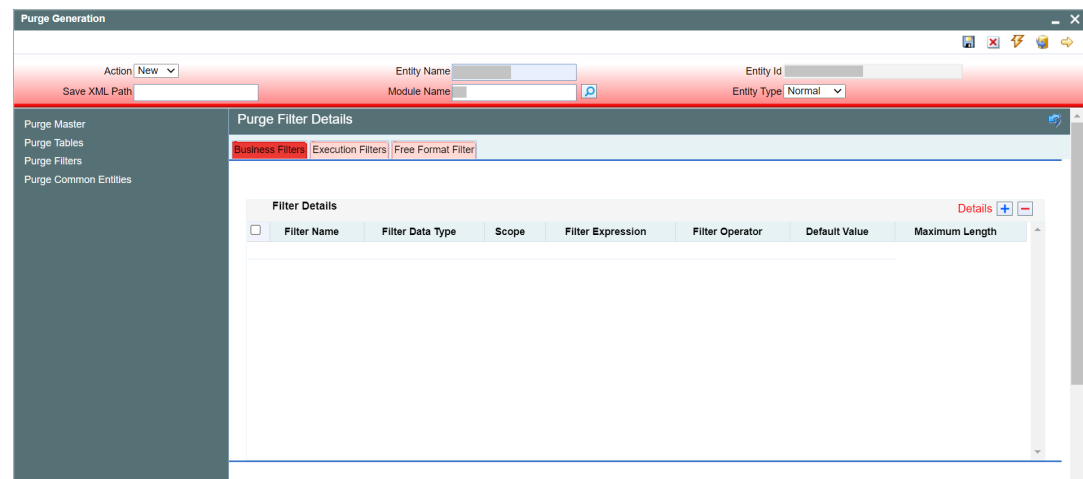
## 2.3 Purge Filters

This topic explains systematic instructions about the purge filters.

1. On the **Purge Generation** screen, click **Purge Filters**.

The **Purge Filter Details** screen displays.

Figure 2-6 Purge Filter Details



2. On the **Purge Filter Details** screen, you can find three filters on left navigation panel:
  - [Business Filters](#)  
Business Filter is governed by the business needs or the regulatory environment.
  - [Execution Filters](#)  
This operational filter provides an additional predicate while doing an ad-hoc purge for an entity. During an ad-hoc purge, you can use the execution filter to get flexibility in purging selective data for an entity.
  - [Free Format Filter](#)  
The Free Form Filters contain predefined filter conditions. You cannot modify these.

## 2.3.1 Business Filters

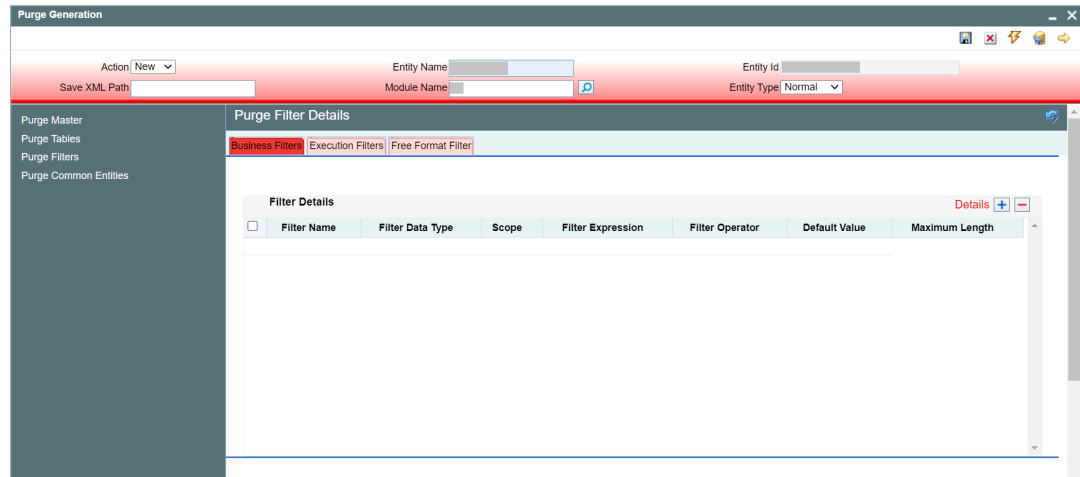
Business Filter is governed by the business needs or the regulatory environment.

To define a business filter refer to the steps:

1. On the **Purge Filter Details** screen, click on **Business Filters** tab.

The **Business Filters** tab displays.

**Figure 2-7 Business Filters**



2. On the **Business Filters** tab, specify the fields.

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

**Table 2-4 Business Filters - Field Description**

Field	Description
<b>Filter Name</b>	Specify a filter name. The filter name should be unique across business and execution filters for an entity.
<b>Filter Data Type</b>	Select the filter data type from the drop-down list: <ul style="list-style-type: none"> <li>• <b>Date</b></li> <li>• <b>String</b></li> <li>• <b>Number</b></li> </ul>
<b>Scope</b>	Specify the scope, whether entity or table. If the scope is a table, then the filter is applied over the filter expression table and its child tables. If the scope is entity, the filter is applied over the entire entity. Hence, if the expression returns false, entire entity is skipped.
<b>Filter Expression</b>	Specify the filter expression. You can use the <b>Builder</b> button to build a filter expression using the builder screen.
<b>Filter Operator</b>	Specify the filter operator. You can select the appropriate one from the drop-down list.
<b>Default Value</b>	Specify the value that satisfies the expression. If the operator expects more than one value, each value can be separated by a tilde. This is an optional field.
<b>Maximum Length</b>	Specify the maximum length of the filter value.

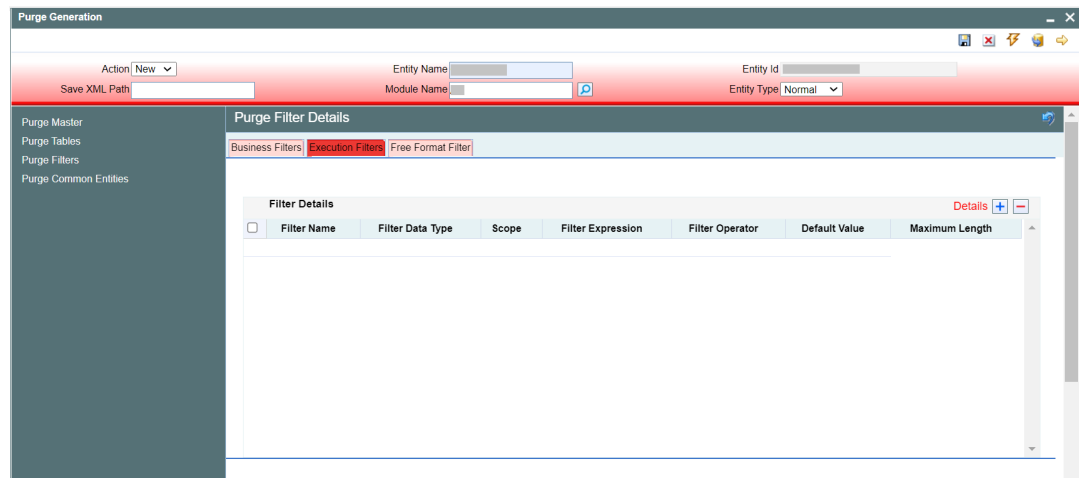
## 2.3.2 Execution Filters

This operational filter provides an additional predicate while doing an ad-hoc purge for an entity. During an ad-hoc purge, you can use the execution filter to get flexibility in purging selective data for an entity.

To define an execution filter refer to the steps:

1. On the **Purge Filter Details** screen, click on **Execution Filters** tab.  
**Execution Filters** screen is displayed.

**Figure 2-8 Execution Filters**

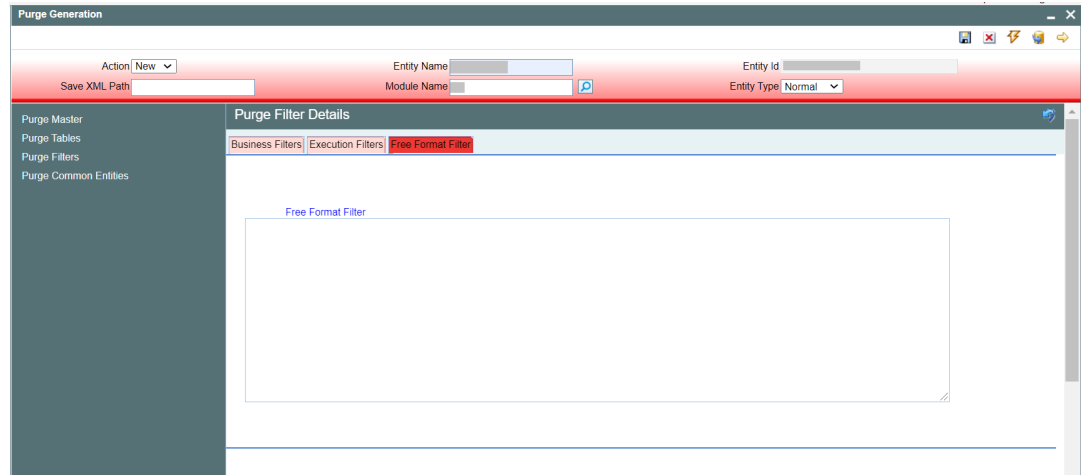


2. On the **Execution Filters** tab, specify the fields.  
For more information on fields, refer to [Business Filters](#) field description table.

## 2.3.3 Free Format Filter

The Free Form Filters contain predefined filter conditions. You cannot modify these.

1. On the **Purge Filter Details** screen, click on **Free Format Filter** tab.  
**Free Format Filter** screen is displayed.

**Figure 2-9 Free Format Filter**

2. Final Filter expression is derived by concatenating each filters by **AND** operator.

GLOBAL.APPLICATION\_DATE- CSTB\_CONTRACT.BOOK\_DATE > 120

- Filter Name: RETENTION
- RHS Expression: GLOBAL.APPLICATION\_DATE- CSTB\_CONTRACT.BOOK\_DATE
- Operator: Greater Than
- Default Value: 120
- Filter Data Type: NUMBER
- Maximum Length: 5