

Development Workbench – Screen Customizer

Oracle FLEXCUBE Universal Banking

Release 14.5.0.0.0

Part No. F42208-01

[May] [2021]



Contents

1	Preface	3
1.1	Audience.....	3
1.2	Related Documents	3
2	Introduction	3
3	Screen Customizer	4
3.1	DataBlocks	4
3.1.1	Data Block Field.....	4
3.2	Screens	5
3.3	FieldSet	6
4	Generated Units.....	6
5	Examples	7

1 Preface

This document describes the Screen Customizer functionality available in Oracle FLEXCUBE Development Workbench for Universal Banking and guides the developers on how to use this feature.

1.1 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:

<i>Proficiency</i>	<i>Resources</i>
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
Working knowledge of Web based applications	Self Acquired
Working knowledge of Oracle Database	Oracle Documentations
Working knowledge of XML files	Self Acquired
Working Knowledge of Oracle FLEXCUBE Development Workbench for Universal Banking	User Manuals

1.2 Related Documents

[04-Development WorkBench_Screen_Development-I.docx](#)
[05-Development WorkBench_Screen_Development-II.docx](#)

2 Introduction

This document gives information about the following topics:

- [Chapter 2, "Introduction"](#)
- [Chapter 3, "Screen Customizer"](#)
- [Chapter 4, "File Generation"](#)

3 Screen Customizer

The Oracle FLEXCUBE Development Workbench Screen Customizer allows users to do UI changes on a screen. If only the screen layout of the function id has to be modified, developer can use the Screen Customizer feature rather than Function Generation feature.

Only the screen layout changes and UI field properties will be allowed to change in the Screen Customizer

Note : Only Load action is possible in Screen Customizer.

Only three nodes will be present in Screen Customizer as shown in the figure

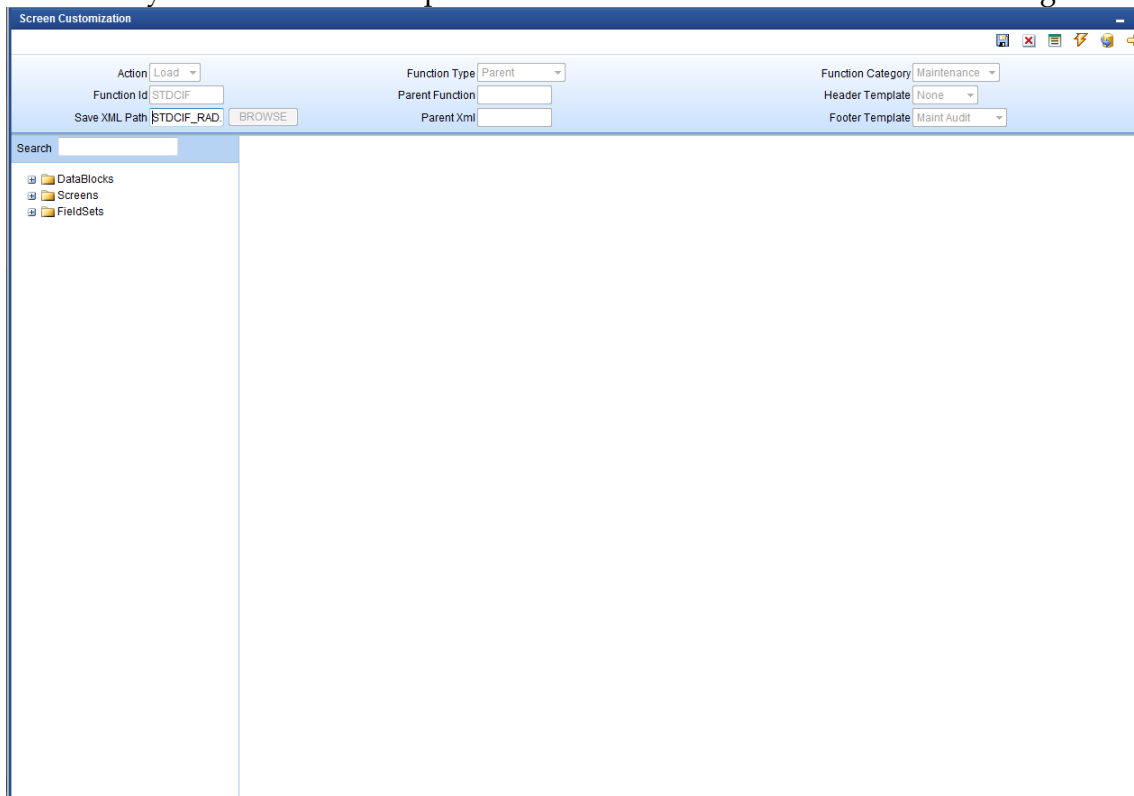


Fig 3.1: Screen Customizer Screen

3.1 DataBlocks

Data Block properties would not be allowed to change in Screen Customizer.

New Data Blocks and Block Fields also cannot be added. Deletion/Renaming of blocks and fields are also not allowed in Screen Customizer

3.1.1 Data Block Field

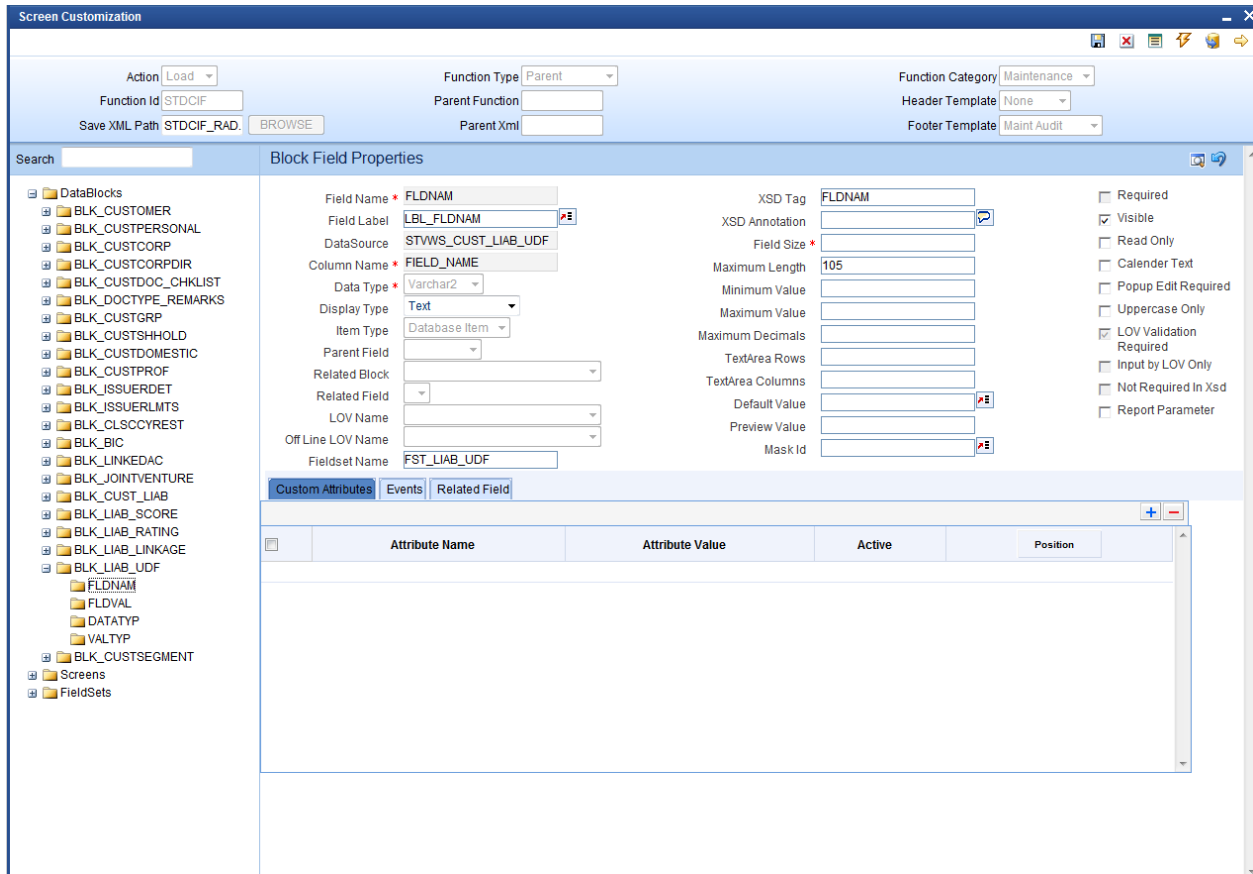


Fig 3.1.1: Data Block Field in Screen Customizer

User will be allowed to change below properties at data block field level.

- Display Type
- Field Size
- Preview Value
- Popup Edit Required
- Visible
- Upper Case only
- Read Only

3.2 Screens

All the actions can be performed in the Screen level. Developer can add, modify, delete, and rename the screens, tabs and sections.

Note that deletion and renaming will be allowed only if the element is created in the working release.

3.3 FieldSet

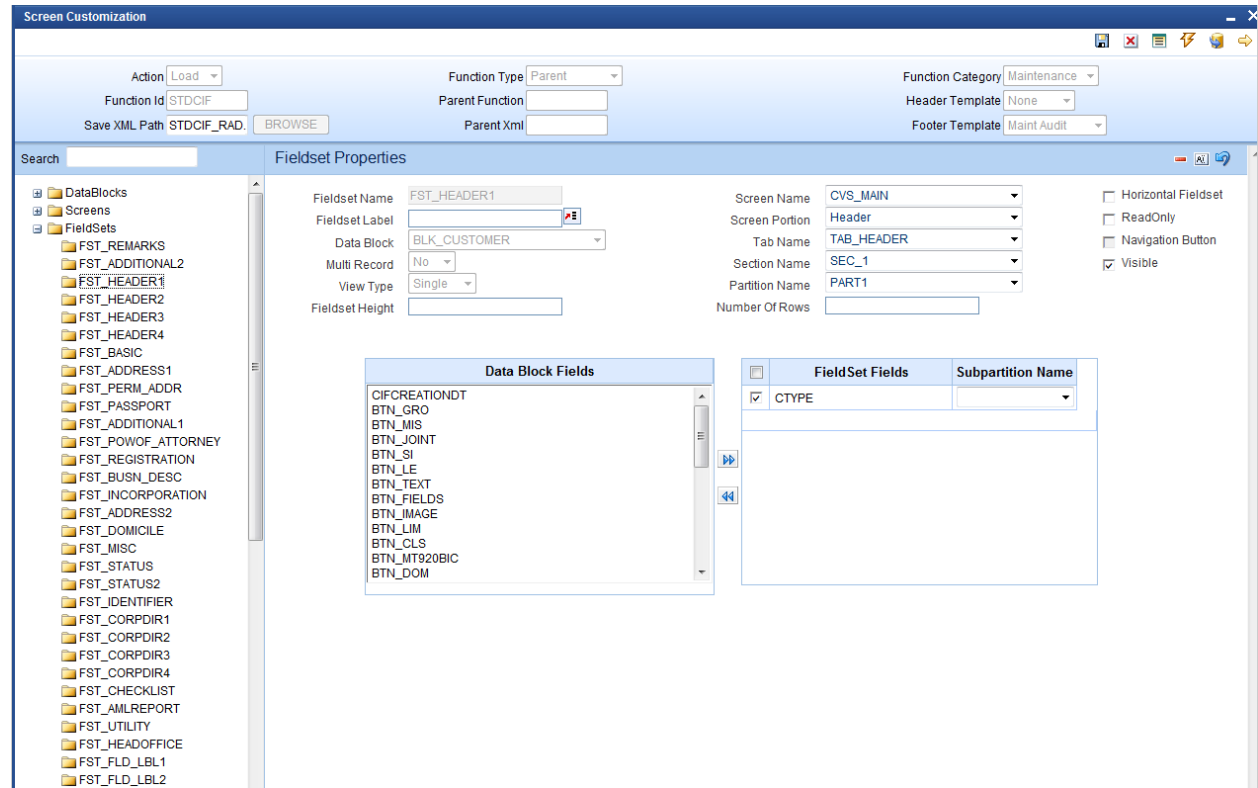


Fig 3.3.1: Field sets in Screen Customizer

In fieldset developer can change screen properties, display type from Vertical to Horizontal, read-only property etc. ***Data Block to which field set is attached cannot be changed.***

Field set fields can be re arranged as per requirement.

4 Generated Units

Development Workbench will generate only UI related units in Screen Customizer

1. Radxml
2. Screen Xml (i.e. Lang Xml)
3. System JS (JavaScript File)

Deploy language xml and system JavaScript file in FLEXCUBE application server to reflect the changes done to the function id in Screen Customizer

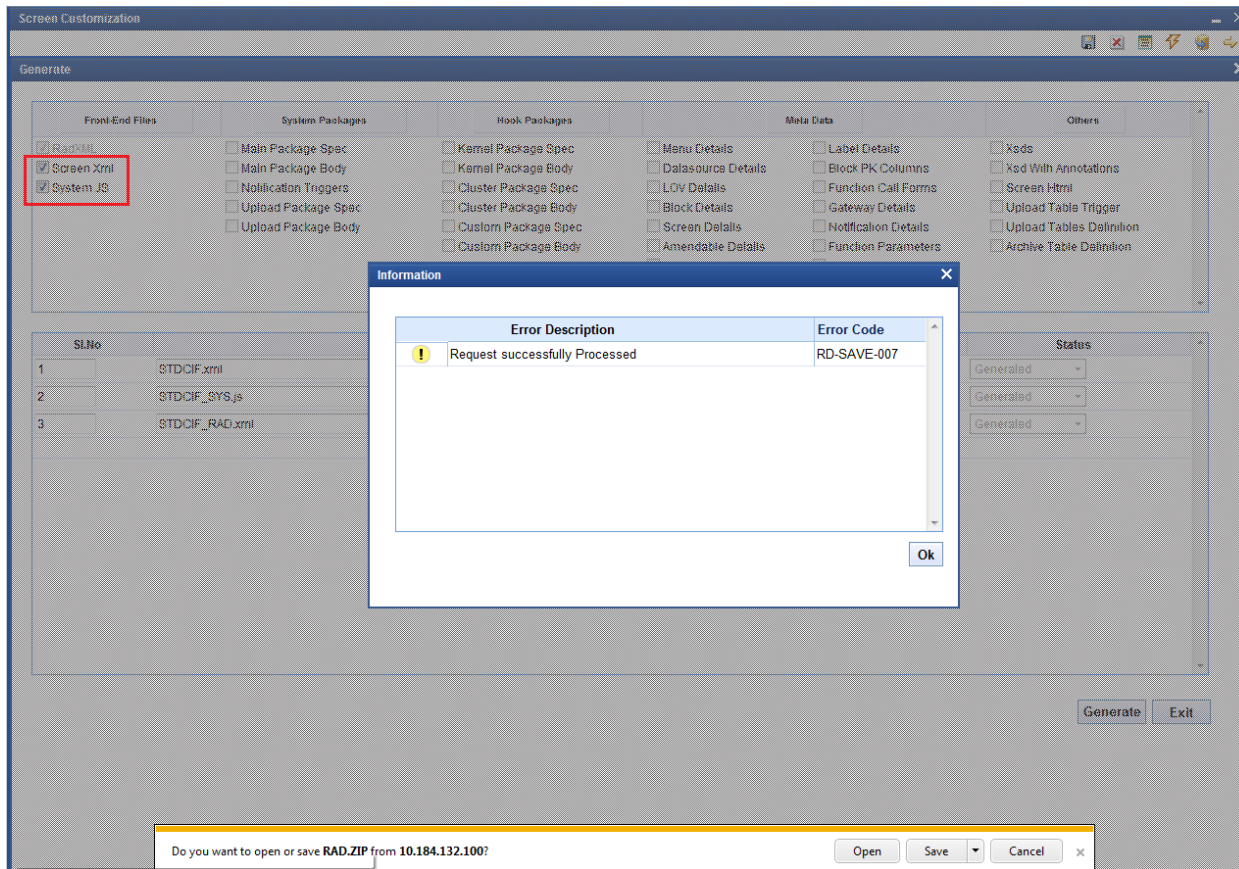


Fig 4.1: Generation of files in Screen Customizer

5 Examples

Example 1:

Requirement: Hide a Field in the screen

Below screenshots shows how Screen Customizer can be used for this purpose.

The screenshot shows the 'Customer' form in the Screen Customization tool. The form is divided into several sections: Personal, Corporate, Additional, Director, Auxiliary, and Check List. The 'Whereabouts Unknown' checkbox is highlighted with a red box. The form includes various input fields for customer information, status, and relationship details.

Customer Information:

- Type: ☒ Individual, ☐ Corporate, ☐ Bank
- Full Name:
- Short Name:
- Branch Code:
- Customer No:
- Customer Category:
- Private Customer: ☐

Personal Section:

- Domicile Address: ☐ Same as Permanent Address
- Address 1:
- Address 2:
- Address 3:
- Address 4:
- Pin Code:
- Country:

Status Section:

- ☐ Frozen
- ☐ Deceased
- ☒ Whereabouts Unknown
- ☐ Eligible for AR-AP Tracking
- ☐ CRM Customer
- ☐ Malters Required
- ☐ CLS Participant
- ☐ Issuer Customer
- ☐ Treasury Customer
- ☐ Joint Customer
- ☐ MT920
- ☐ Relationship Pricing
- ☒ ELCM Customer

Identifier Section:

- Name:
- Value:

Relationship Manager Section:

- RM ID:
- RM Name:

Combined Statement Plan Section:

- ☐ Auto Generated Statement Plan
- Frequency:
- Statement Day:

Misc Details Section:

- SWIFT Code:
- Credit Rating:
- Group Code:
- Charge Group:
- Clearing Group:
- Tax Group:
- Exposure:
- Exposure Category:
- Customer Classification:
- External Reference Number:
- Location:
- FX Netting Customer:
- Media:
- SSN:

Footer Section:

- Group:
- MIS:
- Joint:
- Standing Instructions:
- Linked Entities:
- Text:
- Fields:
- Image:
- Limits:
- CLS Restrictions:
- MT920:
- Domestic:
- Professional:
- Issuer:
- Cards:
- Linked Account:
- KYC Details:
- Joint Venture:
- Account Details:
- NSF Black list status:
- Documents:
- Change Log:

Buttons:

- Maker
- Checker
- Date Time:
- Mod No
- Record Status
- Authorization Status
- Exit

Fig 3.3.1: A preview with 'Whereabouts Unknown' checkbox set as visible

If *Whereabouts Unknown* field is not required, uncheck the visible flag.

Screen Customization

Action: Load Function Type: Parent Function Category: Maintenance

Function Id: STDCIF Parent Function: Header Template: None

Save XML Path: STDCIF_RAD. Parent Xml: Footer Template: Maint Audit

Search: Block Field Properties

Field Name: WHRUNKN XSD Tag: WHRUNKN ☐ Required

Field Label: LBL_WHRUNKN XSD Annotation: ☐ Visible

Data Source: STTMS_CUSTOMER Field Size: ☐ Read Only

Column Name: WHEREABOUTS_UNKNOWN Maximum Length: 1 ☐ Calendar Text

Data Type: Char Minimum Value: ☐ Popup Edit Required

Display Type: CheckBox Maximum Value: ☐ Uppercase Only

Item Type: Database Item Maximum Decimals: ☒ LOV Validation Required

Parent Field: Text Area Rows: ☐ Input by LOV Only

Related Block: Text Area Columns: ☐ Not Required In Xsd

Related Field: Default Value: N ☐ Report Parameter

LOV Name: Preview Value: ☐

Off Line LOV Name: Mask Id: ☐

Fieldset Name: FST_STATUS

Custom Attributes Events

Attribute Name	Attribute Value	Active	Position
OFF	N	Yes	1
ON	Y	Yes	2

Fig 3.3.2: Setting the field invisible

Fig 3.3.3: The field invisible on screen after deploying units generated from screen customizer

Example 2:

Requirement: Adding a new Tab to the Screen. Move fields from one tab to another

As shown in below screenshot Main Tab contains Unique Identifier Field set. This field has to be moved to a new tab

Customer

New Enter Query

Type ☒ Individual ☐ Corporate ☐ Bank

Full Name Short Name * Branch Code Customer Category * ☐ Private Customer

Customer No * P

Personal **Corporate** **Additional** **Director** **Auxiliary** **Check List**

Domicile Address

☐ Same as Permanent Address

Address 1 Address 2 Address 3 Address 4 Pin Code Country

Misc Details

SWIFT Code Credit Rating Group Code Charge Group Clearing Group Tax Group Exposure Exposure Category Customer Classification External Reference Number Location FX Netting Customer Media SSN

Status

☐ Frozen ☐ Deceased ☐ Whereabouts Unknown

☐ Eligible for AR-AP Tracking ☐ CRM Customer ☐ Mailers Required ☐ CLS Participant ☐ Issuer Customer ☐ Treasury Customer ☐ Joint Customer ☐ MT920 ☐ Relationship Pricing ☒ ELCM Customer

ELCM Customer Number CIF Status Since

Identifier

Name Value

Relationship Manager

RM ID RM Name

Combined Statement Plan

☐ Auto Generated Statement Plan

Frequency Select Statement Day

Group | MIS | Joint | Standing Instructions | Linked Entities | Text | Fields | Image | Limits | CLS Restrictions | MT920 | Domestic | Professional | Issuer | Cards | Linked Account | KYC Details | Joint Venture | Account Details | NSF Black list status | Documents | Change Log

Maker Date Time: Mod No
Checker Date Time: Record Status
Authorization Status

Exit

Fig 3.3.4: The section 'Unique Identifier'

In Screen Customizer, developer can add the new tab. Modify the properties of the field set .i.e. attach to this new tab.

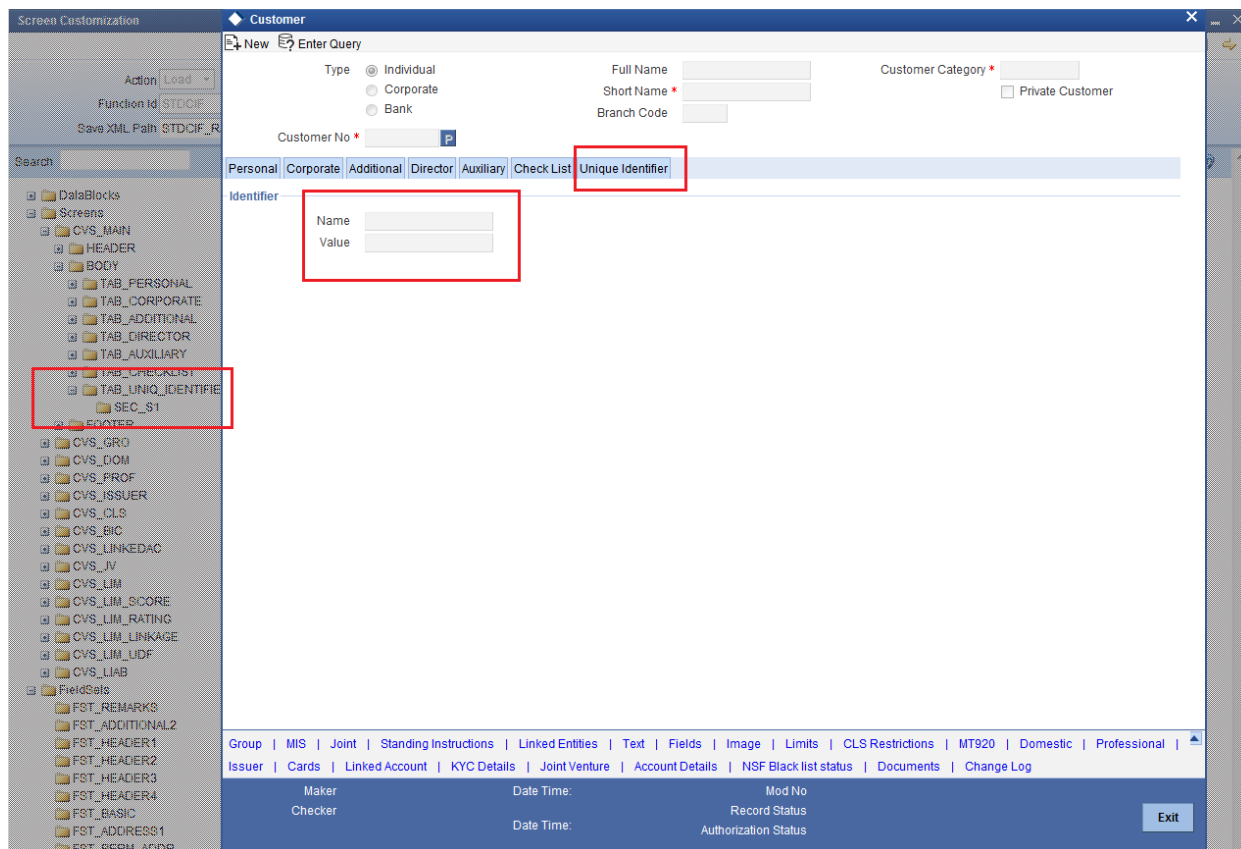


Fig 3.3.5: Section 'Unique Identifier' moved to a new tab



Development Workbench - Screen Customizer
[May] [2021]
Version 14.5.0.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © 2007, 2021, Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.