

Development Workbench – Screen Customizer
Oracle Banking Trade Finance
Release 14.7.2.0.0
Part No. F90547-01

[November] [2023]



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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

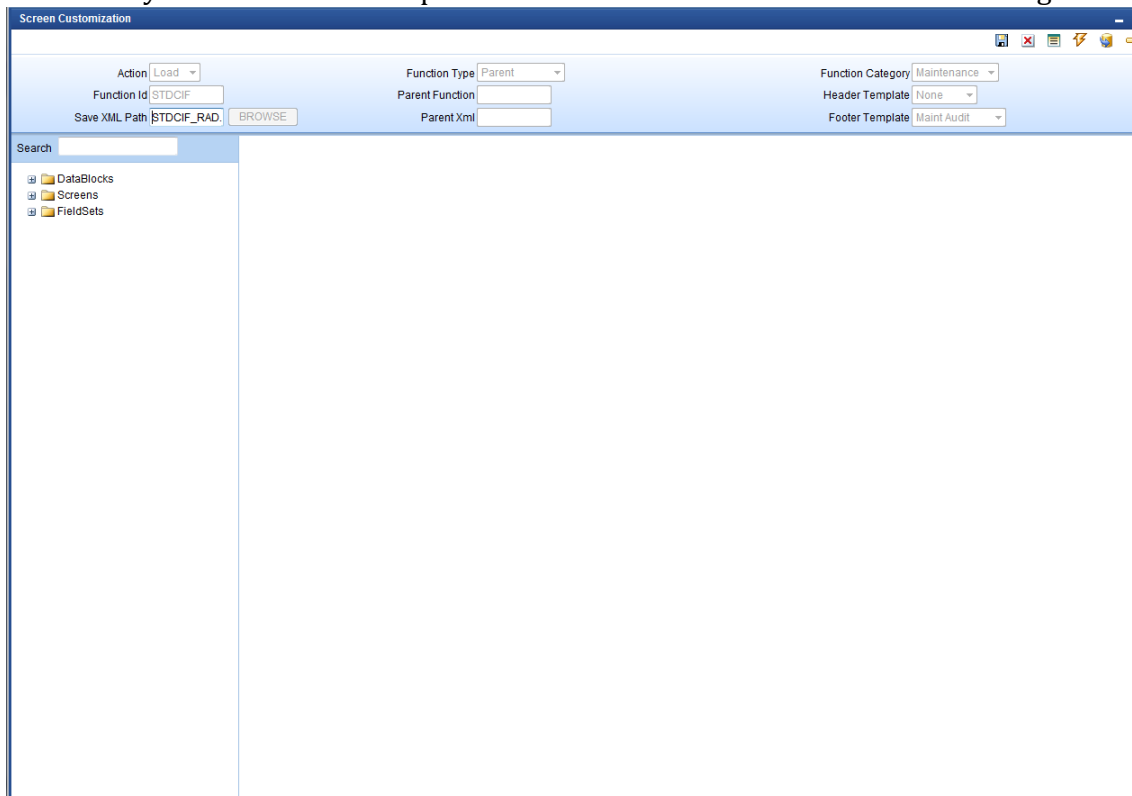


Fig 3.1: Screen Customizer Screen

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

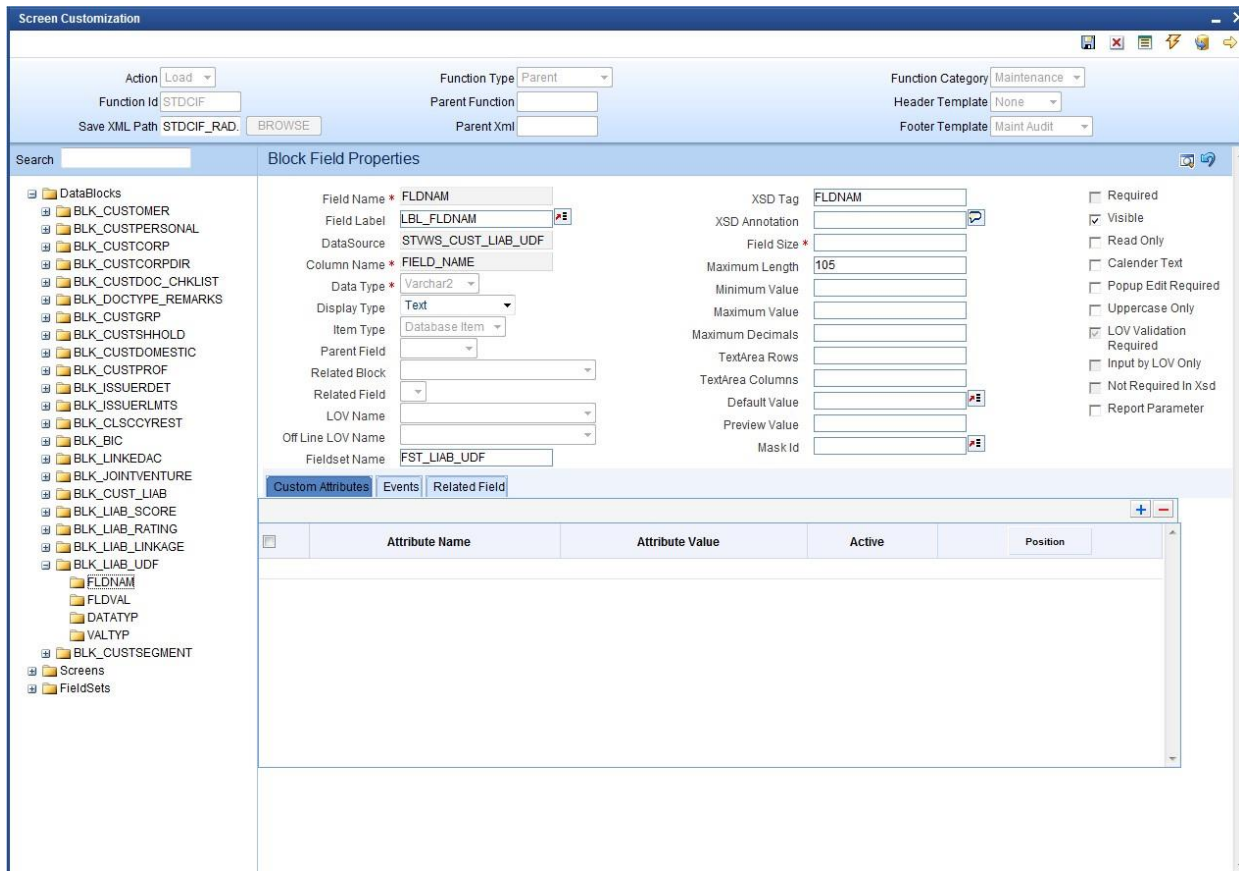


Fig 3.1.1: Data Block Field in Screen Customizer

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

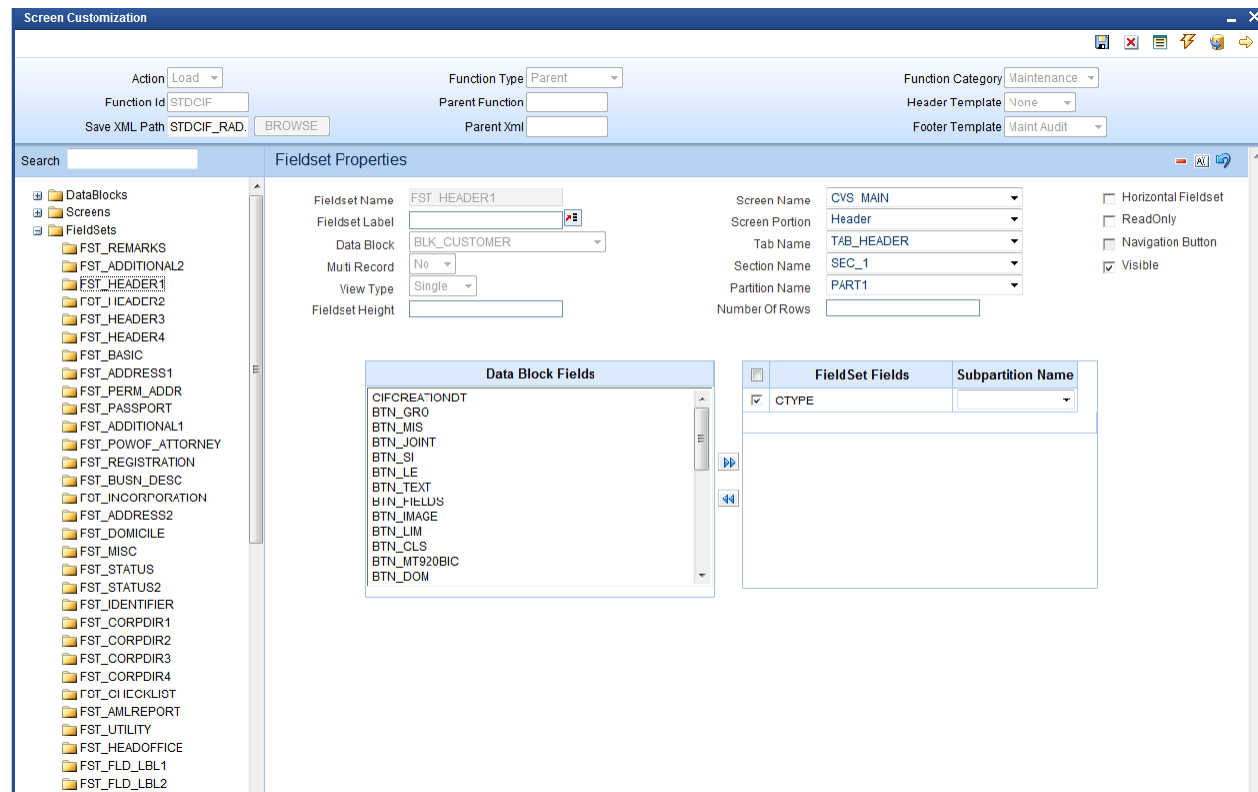


Fig 3.3.1: Field sets in Screen Customizer

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

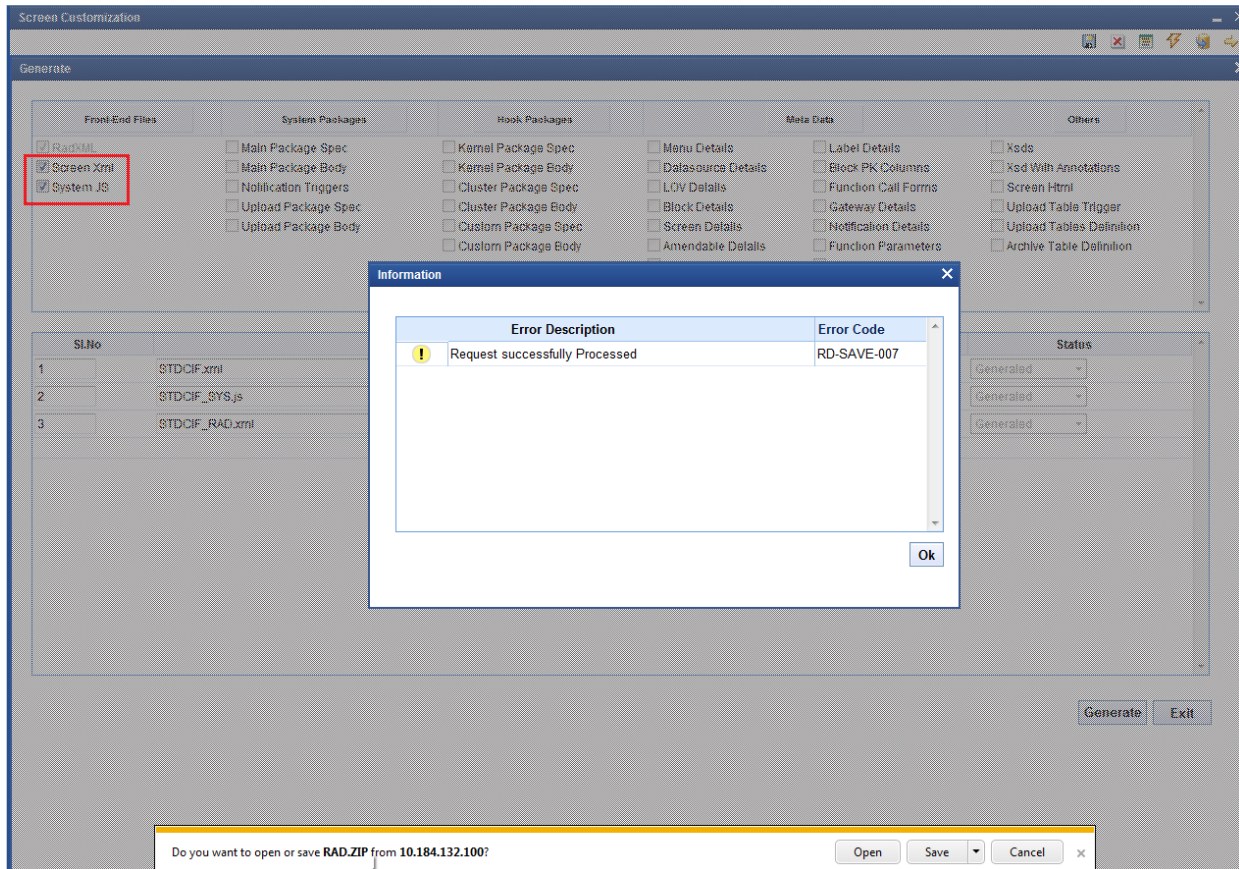


Fig 4.1: Generation of files in Screen Customizer

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 details, addresses, and status, along with a list of checkboxes for different customer types and features.

Customer Form Fields:

- Customer No *** (Text field)
- Type** (Radio buttons: Individual, Corporate, Bank)
- Full Name** (Text field)
- Short Name *** (Text field)
- Branch Code** (Text field)
- Customer Category *** (Text field)
- Private Customer** (Checkbox)
- Domicile Address** (Section header)
- Same as Permanent Address** (Checkbox)
- Address 1** (Text field)
- Address 2** (Text field)
- Address 3** (Text field)
- Address 4** (Text field)
- Pin Code** (Text field)
- Country** (Text field)
- Misc Details** (Section header)
- SWIFT Code** (Text field)
- Credit Rating** (Text field)
- Group Code** (Text field)
- Charge Group** (Text field)
- Clearing Group** (Text field)
- Tax Group** (Text field)
- Exposure** (Text field)
- Exposure Category** (Text field)
- Customer Classification** (Text field)
- External Reference Number** (Text field)
- Location** (Text field)
- FX Netting Customer** (Text field)
- Media** (Text field)
- SSN** (Text field)
- Status** (Section header)
- Frozen** (Checkbox)
- Deceased** (Checkbox)
- Whereabouts Unknown** (Checkbox, highlighted with a red box)
- Eligible for AR-AP Tracking** (Checkbox)
- CRM Customer** (Checkbox)
- Mailers Required** (Checkbox)
- CLS Participant** (Checkbox)
- Issuer Customer** (Checkbox)
- Treasury Customer** (Checkbox)
- Joint Customer** (Checkbox)
- MT920** (Checkbox)
- Relationship Pricing** (Checkbox)
- ELCM Customer** (Checkbox, checked)
- ELCM Customer Number** (Text field)
- CIF Status** (Text field)
- Since** (Text field)
- Identifier** (Section header)
- Name** (Text field)
- Value** (Text field)
- Relationship Manager** (Section header)
- RM ID** (Text field)
- RM Name** (Text field)
- Combined Statement Plan** (Section header)
- Auto Generated Statement Plan** (Checkbox)
- Frequency** (Text field)
- Statement Day** (Text field)

Footer:

- Group** (Text field)
- MIS** (Text field)
- Joint** (Text field)
- Standing Instructions** (Text field)
- Linked Entities** (Text field)
- Text** (Text field)
- Fields** (Text field)
- Image** (Text field)
- Limits** (Text field)
- CLS Restrictions** (Text field)
- MT920** (Text field)
- Domestic** (Text field)
- Professional** (Text field)
- Issuer** (Text field)
- Cards** (Text field)
- Linked Account** (Text field)
- KYC Details** (Text field)
- Joint Venture** (Text field)
- Account Details** (Text field)
- NSF Black list status** (Text field)
- Documents** (Text field)
- Change Log** (Text field)
- Maker** (Text field)
- Checker** (Text field)
- Date Time:** (Text field)
- Mod No** (Text field)
- Record Status** (Text field)
- Authorization Status** (Text field)
- Exit** (Button)

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: None Header Template: None
Save XML Path: STDCIF_RAD. BROWSE Parent Xml: Footer Template: Maint Audit

Search: Block Field Properties

Field Name: WHRUNKN XSD Tag: WHRUNKN
Field Label: LBL_WHRUNKN XSD Annotation:
DataSource: STTMS_CUSTOMER Field Size:
Column Name: WHEREABOUTS_UNKNOWN Maximum Length: 1
Data Type: Char Minimum Value:
Display Type: CheckBox Maximum Value:
Item Type: Database Item Maximum Decimals:
Parent Field: TextArea Rows:
Related Block: TextArea Columns:
Related Field: Default Value: N
LOV Name: Preview Value:
Off Line LOV Name: Mask Id:
Fieldset Name: FST_STATUS

☐ Required
☒ Visible
☐ Read Only
☐ Calendar Text
☐ Popup Edit Required
☐ Uppercase Only
☒ LOV Validation Required
☐ Input by LOV Only
☐ Not Required In Xsd
☐ Report Parameter

Custom Attributes Events

	Attribute Name	Attribute Value	Active	Position
<input type="checkbox"/>	OFF	N	Yes	1
<input checked="" type="checkbox"/>	ON	Y	Yes	2

Fig 3.3.2: Setting the field invisible

The screenshot shows the 'Customer' form in the Screen Customization tool. The form is divided into several tabs: Personal, Corporate, Additional, Director, Auxiliary, and Check List. The 'Additional' tab is currently selected. The form contains various fields for customer information, including Domicile Address, Status, Identifier, Relationship Manager, and Combined Statement Plan. A red box highlights the 'Deceased' checkbox under the Status section. The bottom of the form shows a navigation bar with various menu items and a status bar with fields for Maker, Checker, Date Time, Mod No, Record Status, and Authorization Status.

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 * Customer Category * ☐ Private Customer

Branch Code 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

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

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

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.

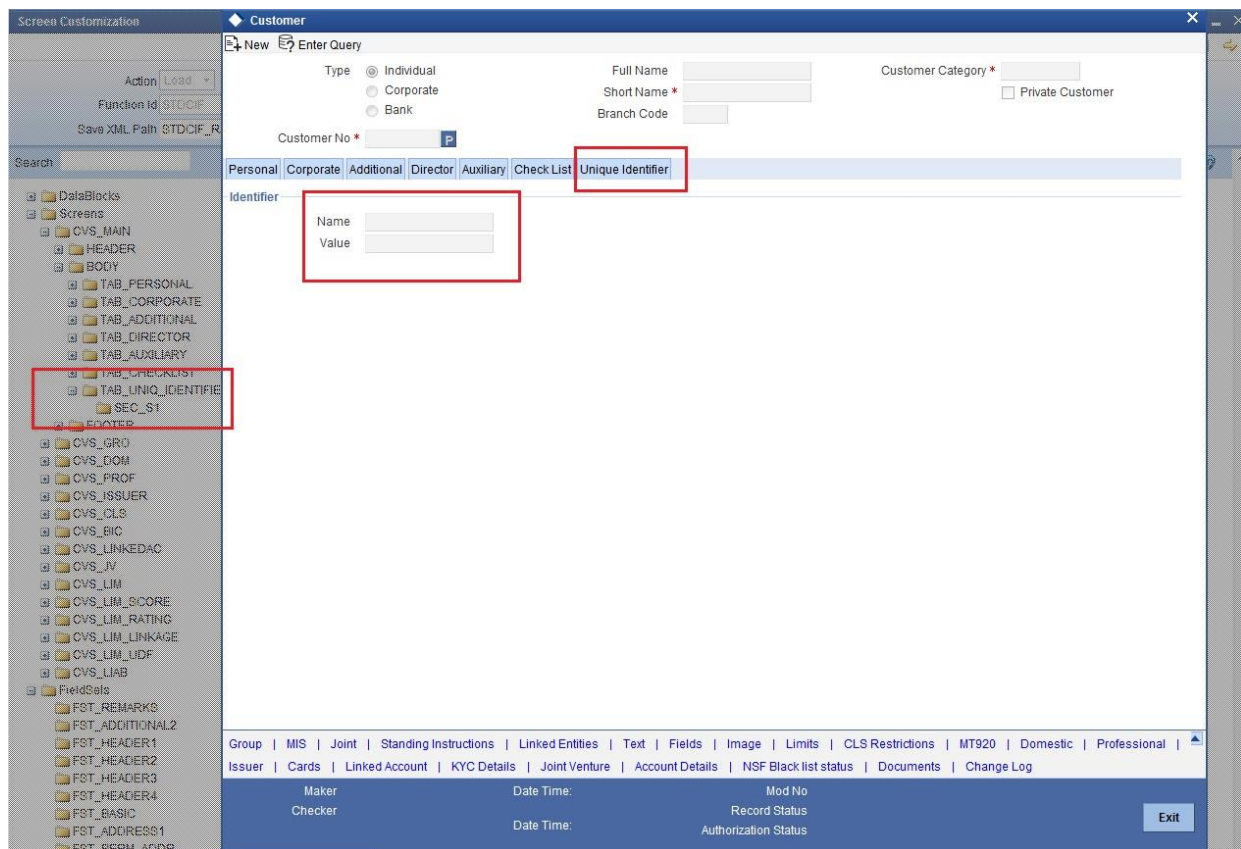


Fig 3.3.5: Section 'Unique Identifier' moved to a new tab



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[November] [2023]
Version 14.7.2.0.0

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/

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