

Development Workbench – Screen Customizer
Oracle Banking Trade Finance
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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

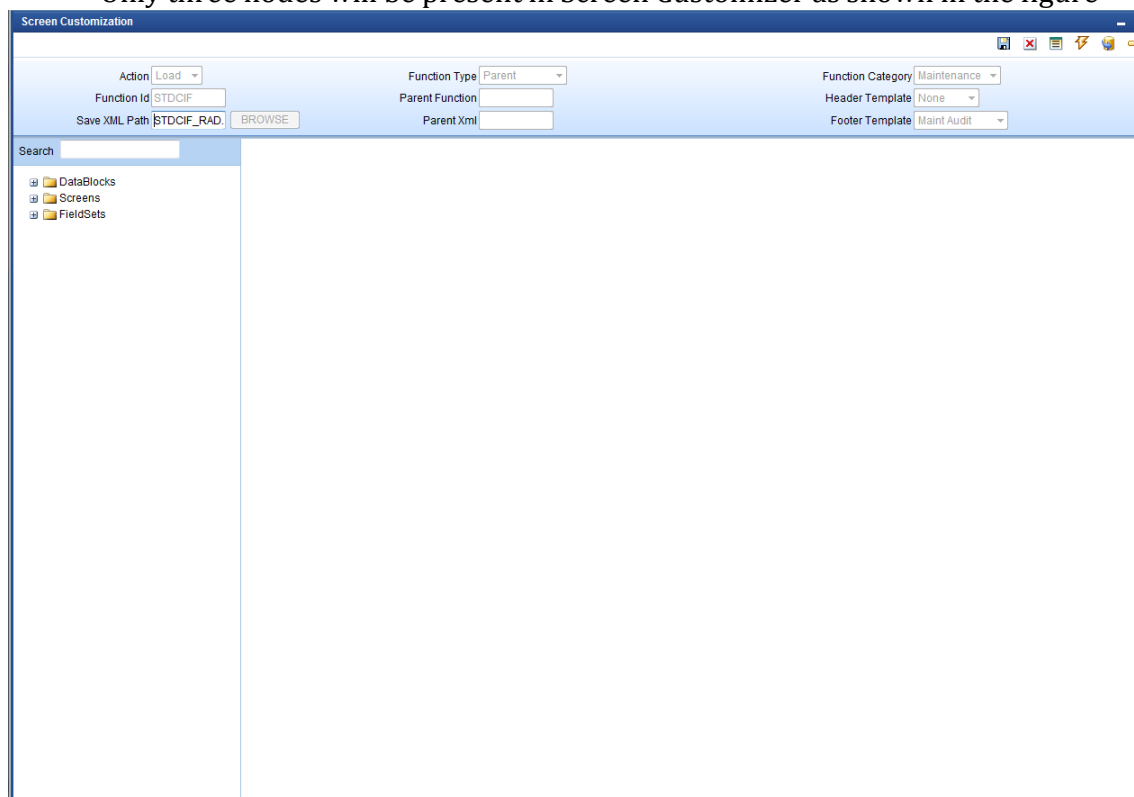


Fig 3.1: Screen Customizer Screen

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

The screenshot shows the 'Screen Customization' window with the 'Block Field Properties' tab selected. The left pane shows a tree view of data blocks, with 'BLK_CUST_LIAB' expanded. The main area displays the properties for the 'FLDNAM' field. The 'Field Name' is 'FLDNAM', 'Field Label' is 'LBL_FLDNAM', and 'DataSource' is 'STVWS_CUST_LIAB_UDF'. The 'Data Type' is 'Varchar2' and 'Display Type' is 'Text'. The 'Field Size' is '105'. The 'XSD Tag' is 'FLDNAM'. The 'Required' checkbox is checked, and the 'Visible' checkbox is also checked. The 'Preview Value' is 'FST_LIAB_UDF'. The 'Custom Attributes' tab is selected, showing a table with columns: Attribute Name, Attribute Value, Active, and Position.

Attribute Name	Attribute Value	Active	Position

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

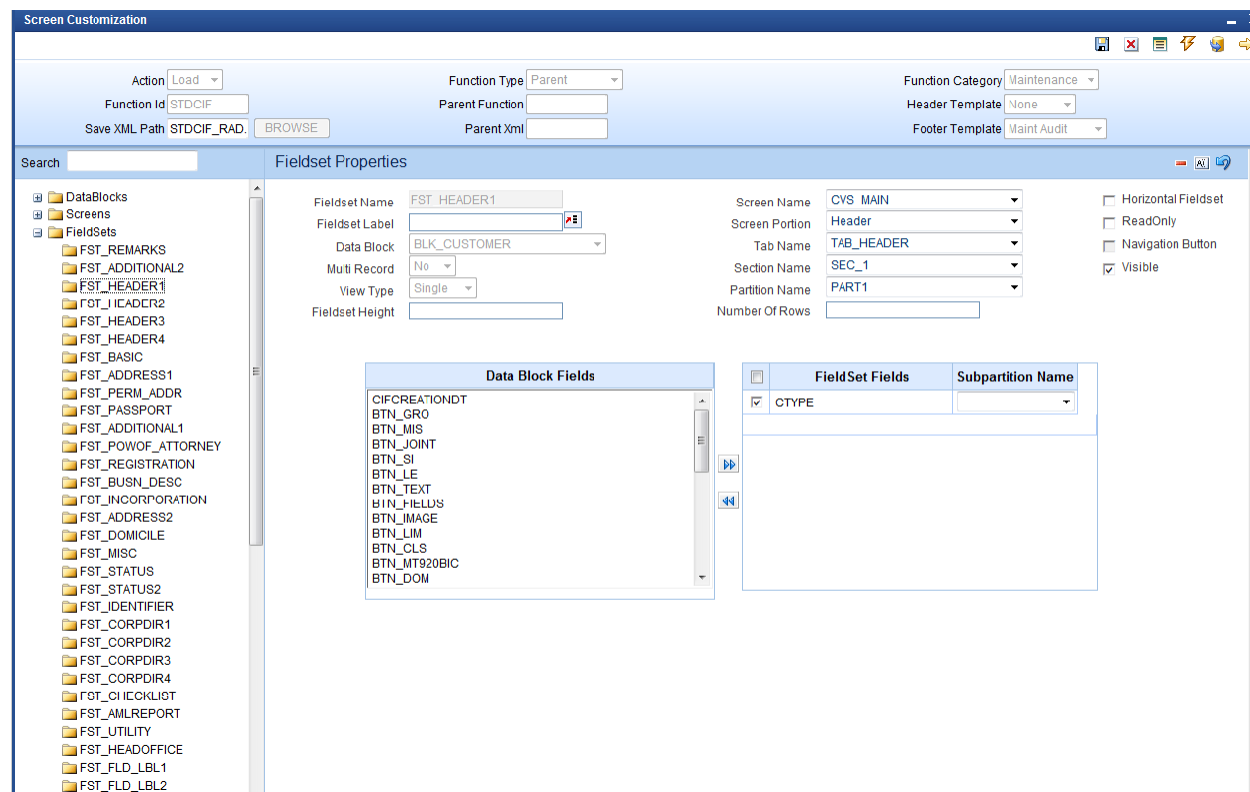


Fig 3.3.1: Field sets in Screen Customizer

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

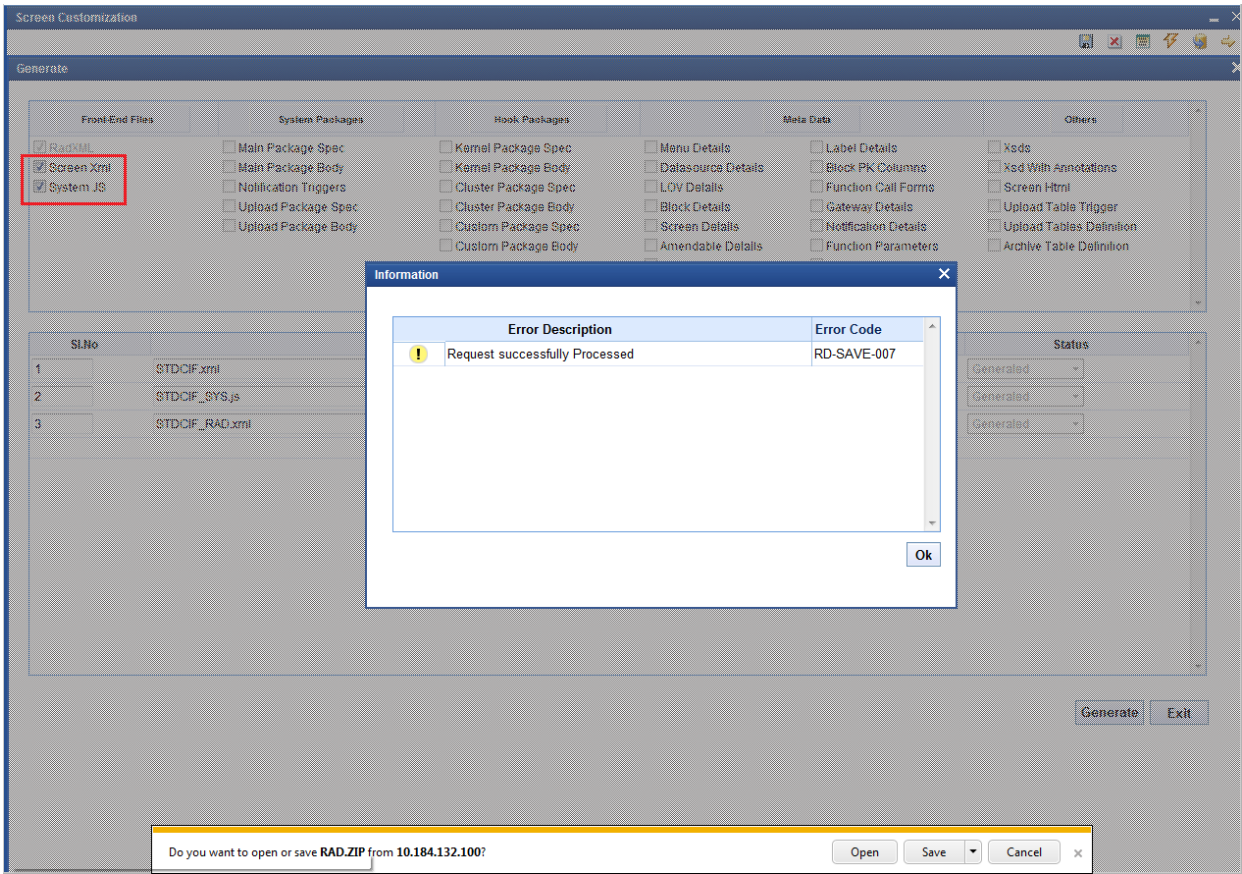


Fig 4.1: Generation of files in Screen Customizer

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 'Screen Customization' mode. 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. Other visible fields include 'Full Name', 'Short Name', 'Branch Code', 'Customer Category', 'Domicile Address', 'Status', 'Identifier', 'Relationship Manager', 'Combined Statement Plan', 'Misc Details', 'ELCM Customer Number', 'CIF Status', and 'Since'.

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

ActionLoadFunction IdSTDCIFSave XML PathSTDCIF_RAD.BROWSEFunction TypeParentFunction CategoryMaintenanceHeader TemplateNoneFooter TemplateMaint AuditParent FunctionParent Xml

SearchBlock Field Properties

ADURLN3

ADURLN2

ADURLN4

COUNTRY

SNAME

NLTY

LBRN

CCATEG

FULLNAME

CIFCREATIONDT

ISELCMCUST

ELCMCUSTNO

AR_AP_TRACKING

EXPCNTRY

UIDNAME

UIDVAL

FROZEN

DEAD

WHRUNKN

CRRATE

MEDIA

SSN

SWIFTC

LOC

MAILRSREQD

GRPCD

EXPCAT

CUSTCLASSFN

CIFSTAT

CIFSTATSNC

CHGGRP

CUSTCLGGRP

TAXGROUP

CLSPARTICIPANT

FXNETTCUST

XREF

Field NameWHRUNKNField LabelLBL_WHRUNKNDataSourceSTTMS_CUSTOMERColumn NameWHEREABOUTS_UNKNOWNData TypeCharDisplay TypeCheckBoxItem TypeDatabase ItemParent FieldRelated BlockRelated FieldLOV NameOff Line LOV NameFieldset NameFST_STATUSXSD TagWHRUNKNXSD AnnotationField SizeMaximum Length1Minimum ValueMaximum ValueMaximum DecimalsTextArea RowsTextArea ColumnsDefault ValueNPreview ValueMask IdRequiredVisibleRead OnlyCalendar TextPopup Edit RequiredUppercase OnlyLOV Validation RequiredInput by LOV OnlyNot Required In XsdReport Parameter

Custom AttributesEvents

	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

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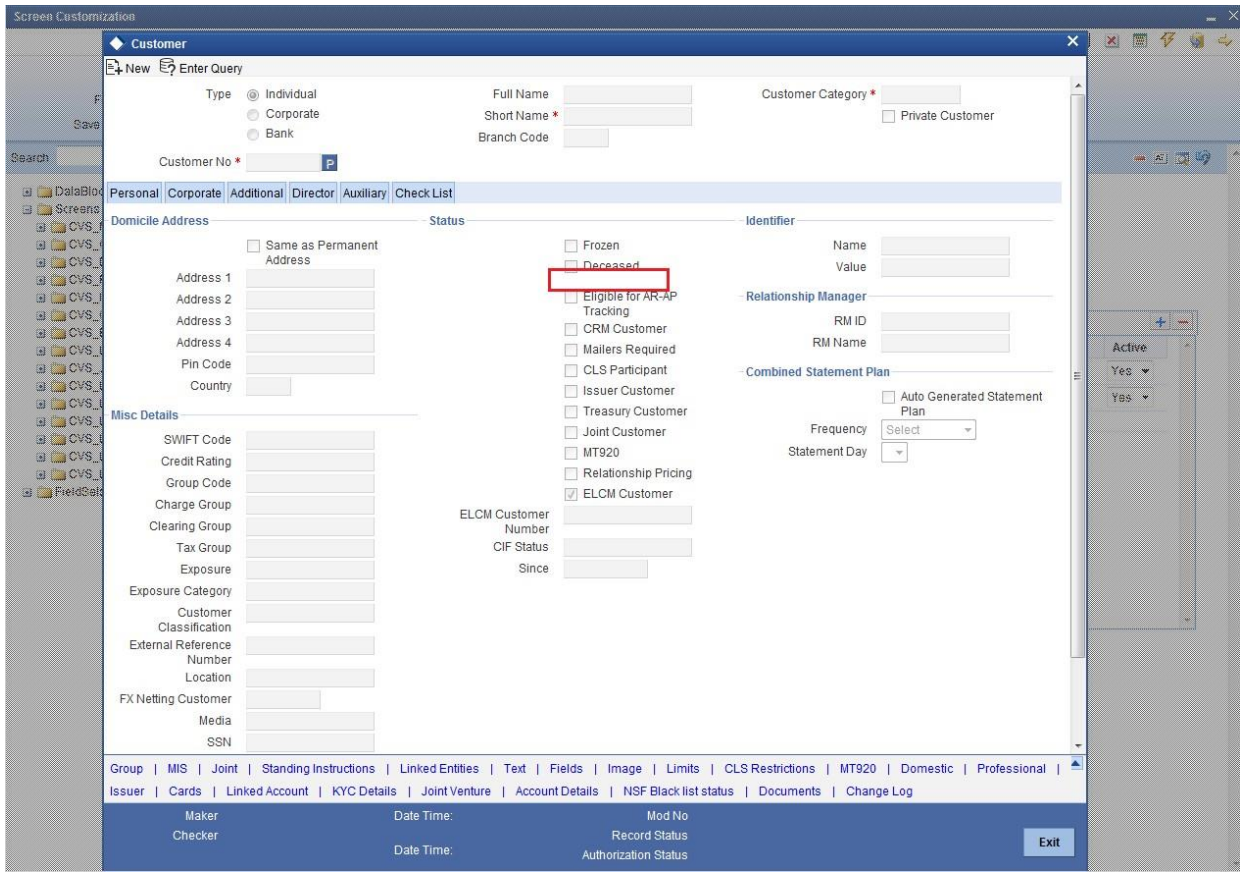


Fig 3.3.3: The field invisible on screen after deploying units generated from screen customizer

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

NewEnter Query

Type

Individual

Corporate

Bank

Full Name

Short Name *

Branch Code

Customer Category *

Private Customer

Customer No *

P

PersonalCorporateAdditionalDirectorAuxiliaryCheck 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

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

Checker

Date Time:

Date Time:

Mod No

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.

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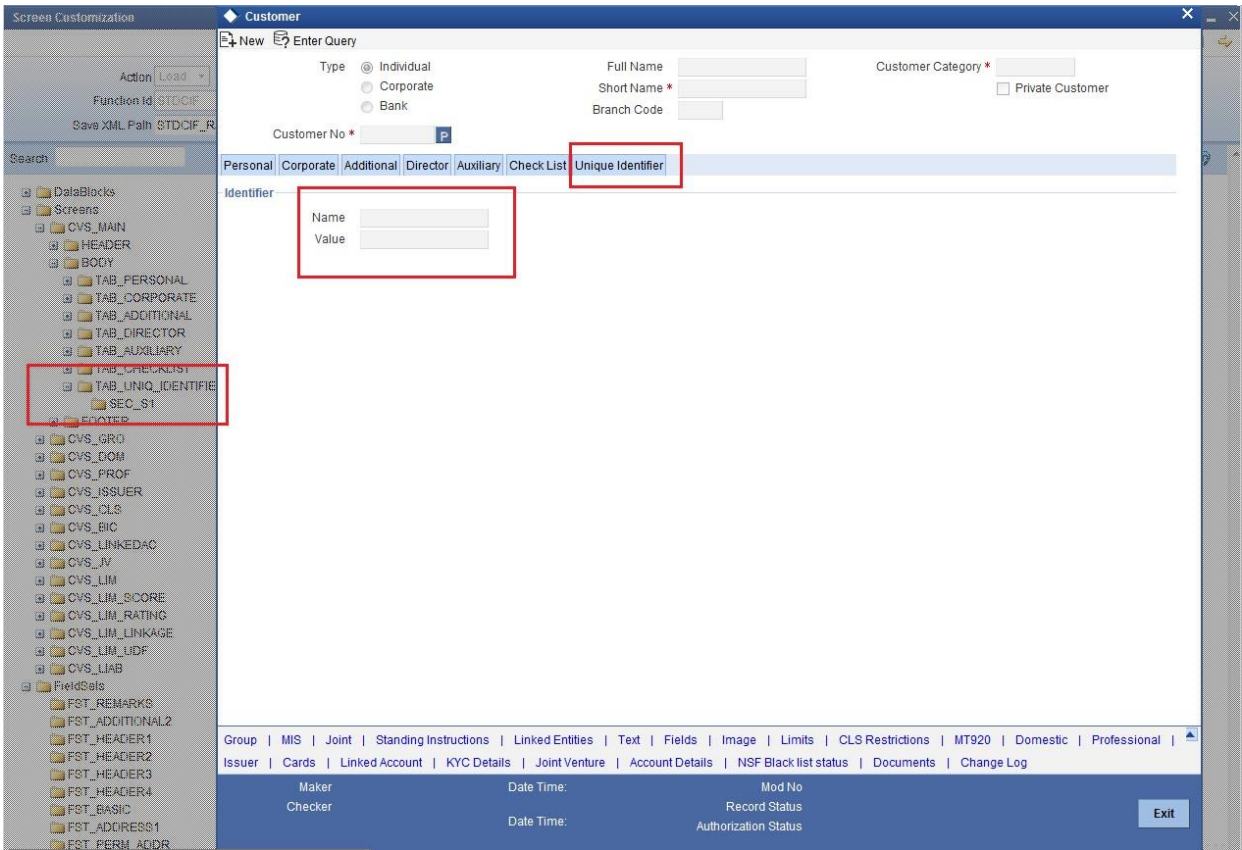


Fig 3.3.5: Section 'Unique Identifier' moved to a new tab



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