

Development Workbench – Screen Customizer
Oracle FLEXCUBE Universal Banking
Release 14.1.0.0.0
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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

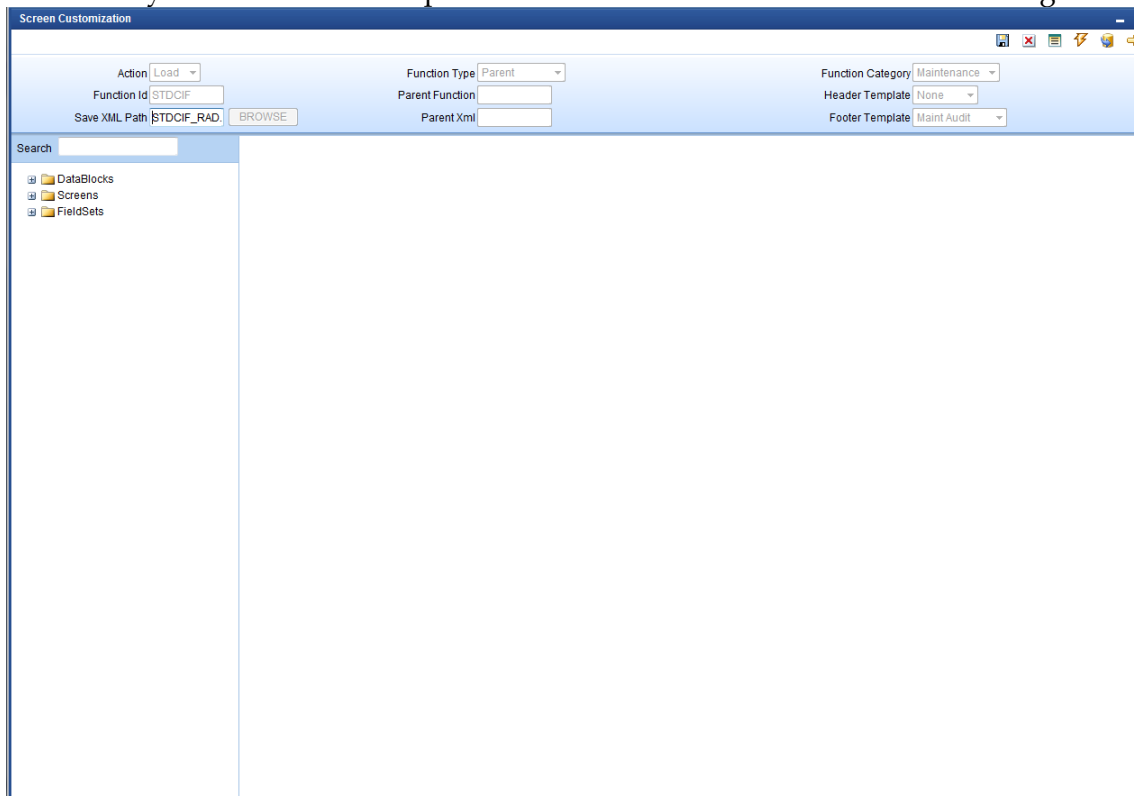


Fig 3.1: Screen Customizer Screen

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

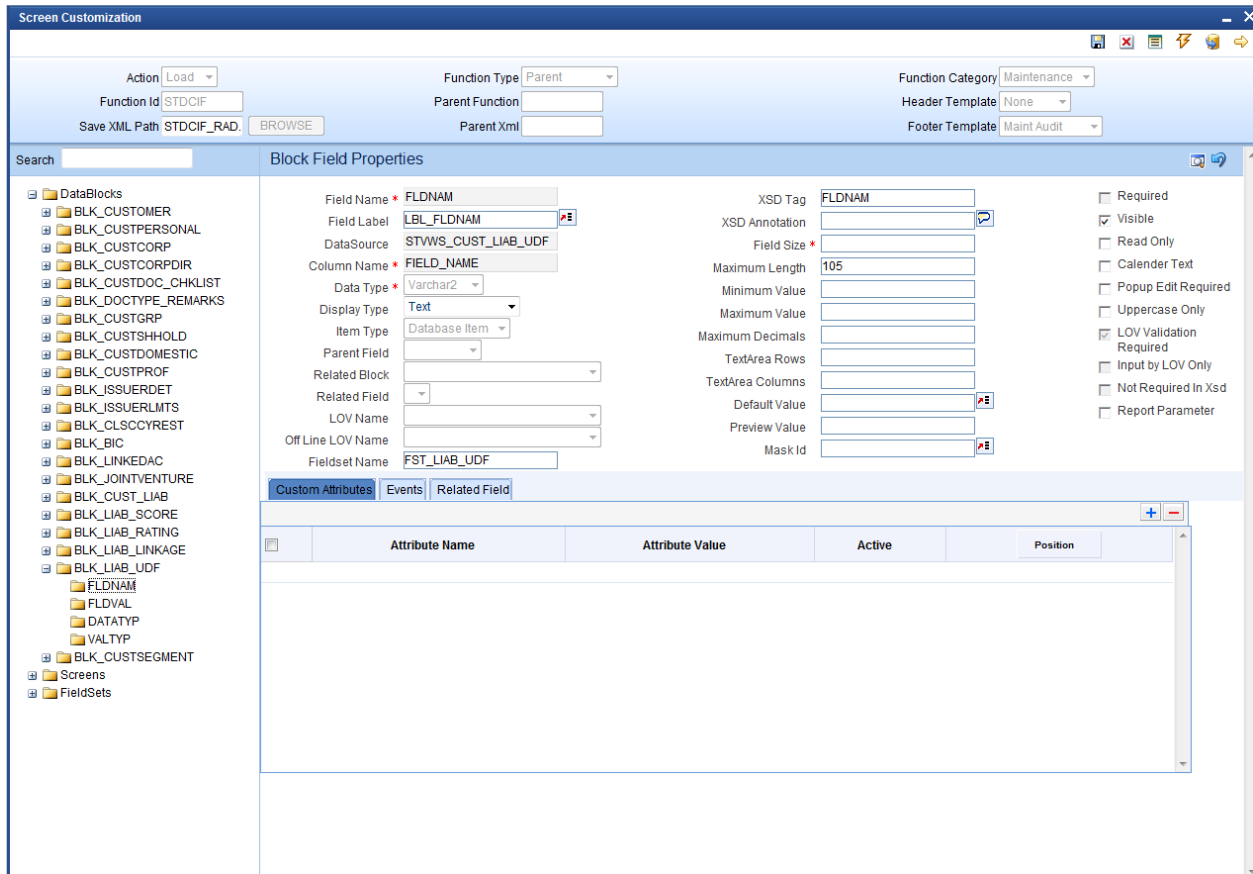


Fig 3.1.1: Data Block Field in Screen Customizer

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

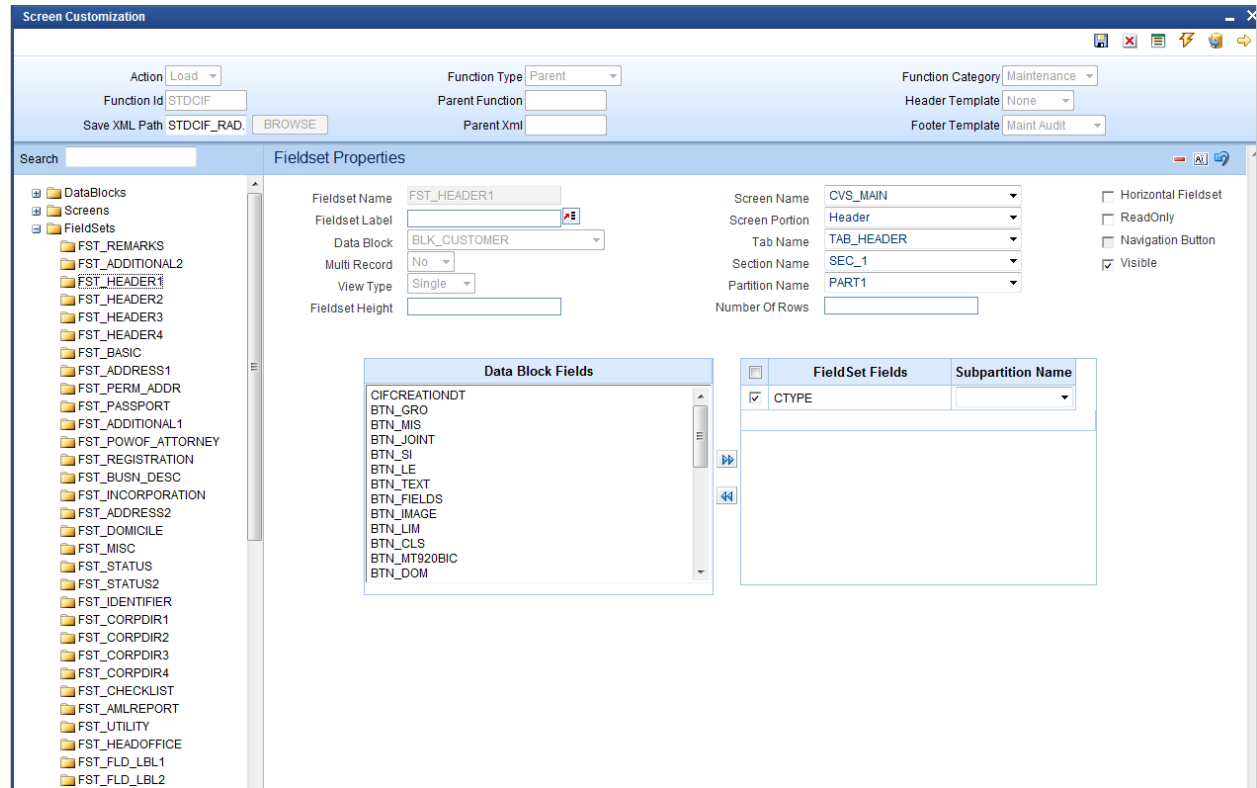


Fig 3.3.1: Field sets in Screen Customizer

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

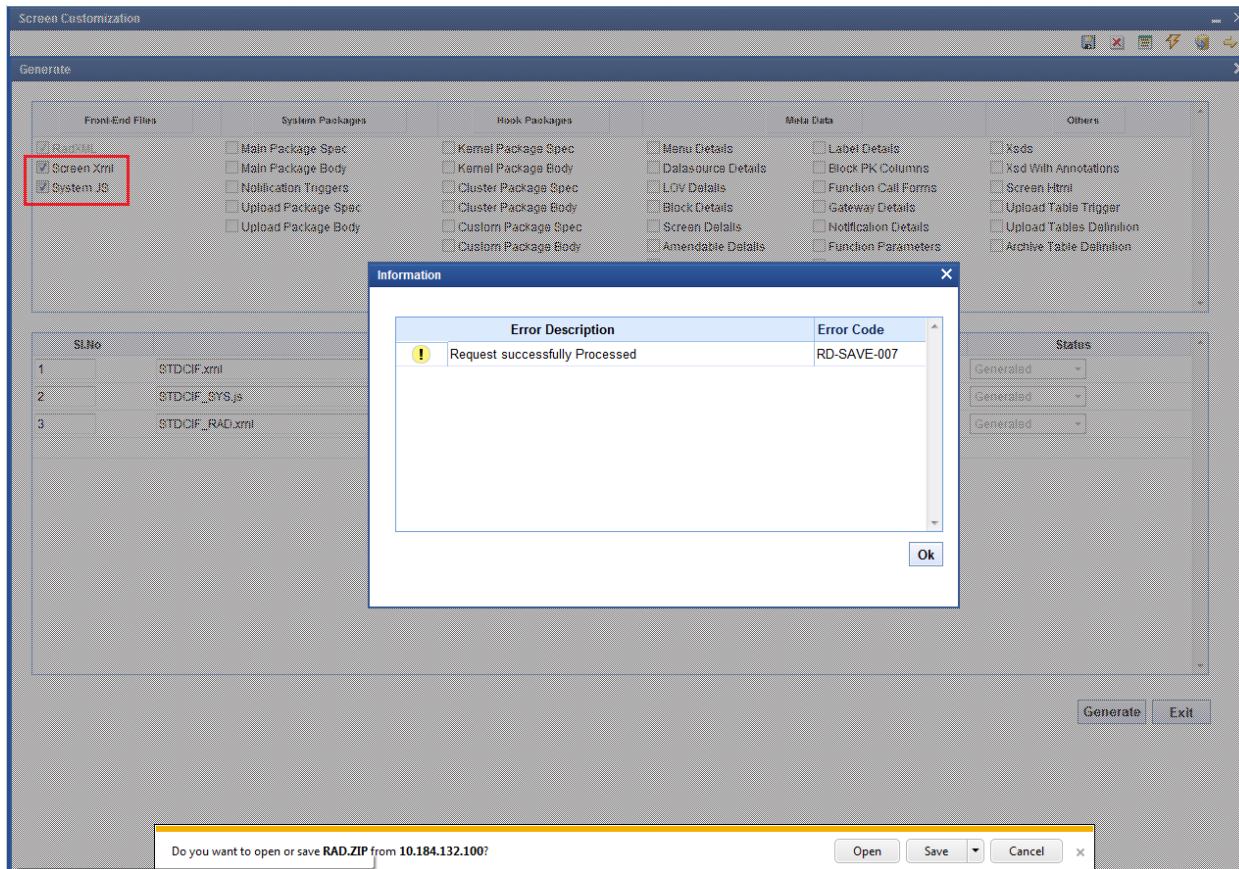


Fig 4.1: Generation of files in Screen Customizer

5 Examples

Example 1:

Requirement: *Hide a Field in the screen*

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

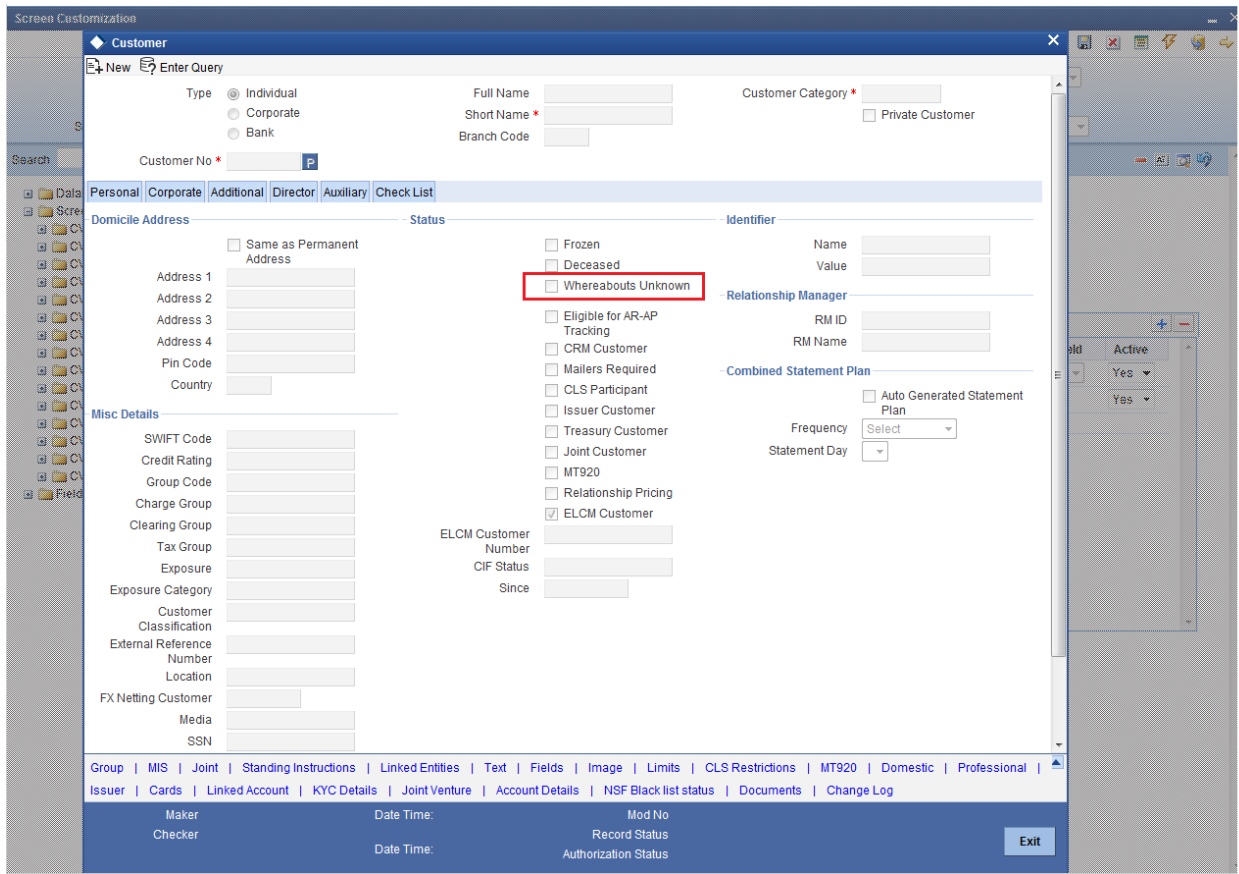


Fig 3.3.1: A preview with 'Whereabouts Unknown' checkbox set as visible

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

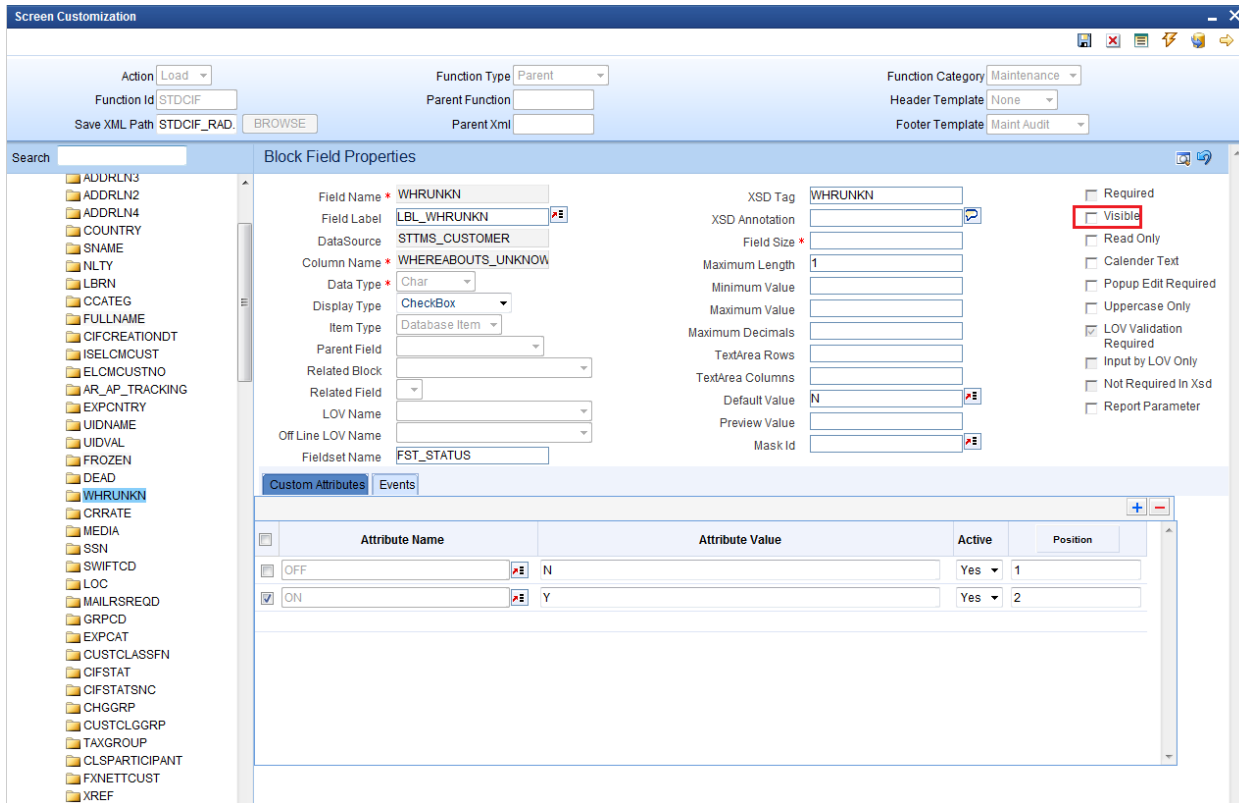


Fig 3.3.2: Setting the field invisible



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

The screenshot shows a 'Customer' form with the following sections and fields:

- Form Header:** 'Customer' title, 'New' and 'Enter Query' buttons.
- Type:** Radio buttons for Individual (selected), Corporate, and Bank.
- Customer Info:** Full Name, Short Name *, Branch Code, Customer No *, Customer Category *, Private Customer checkbox.
- Navigation Tabs:** Personal, Corporate, Additional, Director, Auxiliary, Check List.
- Domicile Address:** Same as Permanent Address checkbox, Address 1-4, 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 (checked).
- Identifier (Circled in Red):** Name, Value.
- Relationship Manager:** RM ID, RM Name.
- Combined Statement Plan:** Auto Generated Statement Plan checkbox, Frequency dropdown, Statement Day dropdown.
- 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.
- Bottom Bar:** Links for 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. Fields for Maker/Checker, Date Time, Mod No, Record Status, Authorization Status, and an Exit button.

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.

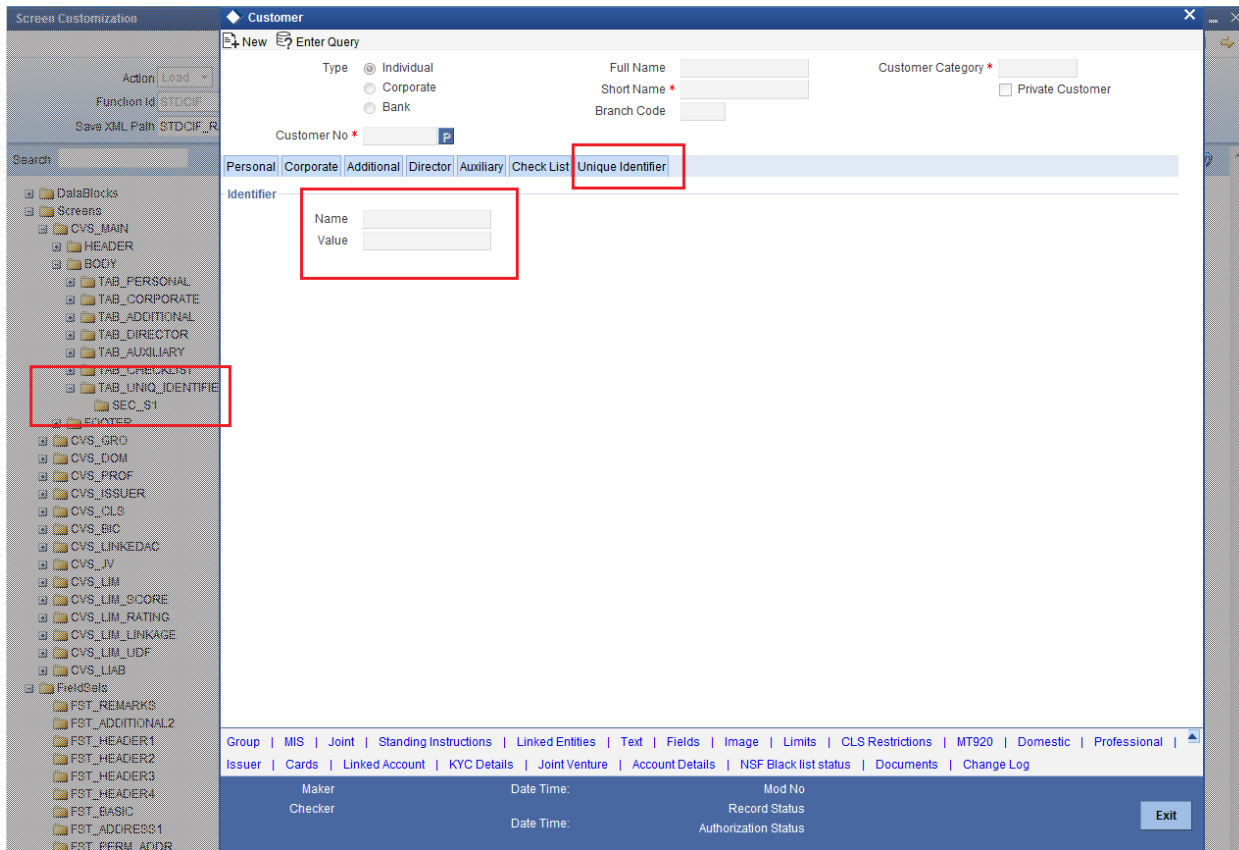


Fig 3.3.5: Section 'Unique Identifier' moved to a new tab



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