

Customer Field for SRM SC Web Dynpro Application



Applies to:

SAP SRM 7.0. For more information, visit the [Supplier Relationship Management homepage](#).

Summary

This document details the configurations required to Extend a Custom field to a SRM WebDynpro Application for Shopping Cart.

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Author Bio

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Requirement

An Enterprise implementing SAP SRM 7.0 Solution has a requirement of adding a customer field to the Web Dynpro application of the shopping cart. The field should appear in the Item Detail of the shopping Cart Application.

Step 1: Create the Customer field and extend it to the SC Enhancement Structure

1. Create a Custom Field and extend it to the structure of Customer Enhancement for the business Object type. The naming convention for finding the same is as follows:

- a. INCL_EEW_PD_<HEADER>_CS<x>_<y>
- b. INCL_EEW_PD_<ITEM>_CS<x>_<y>

Where: <x> → T(Table Extension), F(For Fields) or D(Display only fields)

<y> → Business Object e.g. AUC, BID, PO, SC, CTR, INV etc

The field can be extended either using SE11 or through IMG Path—SAP Implementation Guide → SAP Supplier Relationship Management → SRM Server → Cross Application Basic Settings → Extensions and Field Control (Personalization) → Configure Customer Fields → Define Customer Fields on Item Level.

Display IMG

Existing BC Sets | BC Sets for Activity | Activated BC Sets for Activity | Release Notes | Change Log | Where Else Used

Structure

- Business Workflow
- Transaction Tax Engine
- Tax Calculation
- Account Assignment
- Create Payment Conditions
- Create Incoterms
- Pricing
- Define Objects in Backend System (Purch. Reqs, Reservations, Purch. Orders)
- Set Output Actions and Output Format
- Define Settings for Attachments
- Set Up XML Communication for Customer Enhancement Texts
- Define Logical Systems and Template Names for BW Reports
- Set Status Tracking for Sales Order
- Start Application Monitors
- Set Tolerance Checks
- Define Threshold Value for Background Processing
- Document Archiving
- Extensions and Field Control (Personalization)
 - Personalize Display
 - Configure Customer Fields
 - Create Metadata
 - Create Customer Fields
 - Define Customer Fields on Header Level
 - Define Customer Fields on Item Level
 - Define Customer Display Fields on Header Level
 - Define Customer Display Fields on Item Level
 - Configure Field Control
 - Configure Generic Field Display on User Interface
 - Define and Assign Actions
 - Control Actions
 - Create Table Extensions and Supply with Data

Choose Activity

Perf.	Name of Activity
	Append for Customer Cross-Documents Database Fields
	Append for Customer Cross-Documents Non-Database Fields
	Append for Customer Fields on Auction Item
	Append for Customer Fields on Supplier List Item
	Append for Customer Fields on RFX Item
	Append for Customer Fields on Confirmation Item
	Append for Customer Fields on Contract Item
	Append for Customer Fields on Invoice Item
	Append for Customer Fields on Purchase Order Item
	Append for Customer Fields on RFX Response Item
	Append for Customer Fields on Shopping Cart Item

Perform the activities in the specified sequence

Choose

Dictionary: Display Structure

Navigation icons: [Back] [Forward] [Home] [Refresh] [Print] [Zoom] [Search] [Help] [Hierarchy Display] [Append Structure...]

Structure: INCL_EEW_PD_ITEM_CSF_SC Active

Short Description: Customer Enhancements for Shopping Cart Item

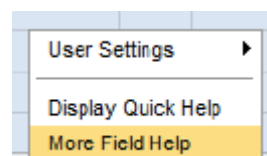
Attributes Components Entry help/check Currency/quantity fields

Predefined Type 1 / 1

Component	RTy	Component type	Data Type	Length	Decim	Short Description
DUMMY_EEW_PDISC_SC	<input type="checkbox"/>	DUMMY	CHAR	1	0	Dummy function in length 1

Step 2: Find the respective WebDynpro Application

- Find the WebDynpro application for the part of the Shopping Cart Screen(Overview or detail tabs) by right clicking the screen → More Field Help. In order to add a custom field to the Item Detail field of the Shopping Cart. WebDynpro Application for this is /SAPSRM/WDC_UI_SC_DOTC_BD



Technical Information for UI Element

General Information About the Application and Component

Application: /SAPSRM/WDA_L_FPM_OIF

Web Dynpro Component: /SAPSRM/WDC_UI_SC_DOTC_BD

Window Information: IV_L_FPC_CA_TREE

View Information: V_SC_DOTC_BASIC

Configuration ID: /SAPSRM/WDC_FPM_DOTC_SC_BD_PROF

Information on Field

Field ID: ITEMS_TABLE

Type of UI Element: TABLE

UI Element Library: STANDARD

Step 3: Enhance the WebDynpro Application

1. Enhance the WebDynpro Application View /SAPSRM/WDC_UI_SC_DOTC_BD

Web Dynpro Explorer: Display View for /SAPSRM/WDC_UI_SC_DOTC_BD

Property	Value	Binding
Properties (Table)		
ID	ITEMS_TABLE	
Layout Data	MatrixHeadData	
accessibilityDescription	Table For Shopping Cart Items	
activateAccessKey		
contextMenuBehaviour	Inherit	
contextMenuId		
dataSource	V_SC_DOTC_BASIC.COMP_CONTEXT.ITEMS	
design	Standard	
displayEmptyRows		<input checked="" type="checkbox"/>
emptyTableText		
enabled		<input checked="" type="checkbox"/>

- a. Enhance the WebDynpro Application. Go to **Context** Tab

Web Dynpro Explorer: Display View for /S

Property	Value	Binding
Properties (Table)		
ID	ITEMS_TABLE	
Layout Data	MatrixHeadData	
accessibilityDescription	Table For Shopping Cart Items	
activateAccessKey		
contextMenuBehaviour	Inherit	
contextMenuId		
dataSource	V_SC_DOTC_BASIC.COMP_CONTEXT.ITEMS	
design	Standard	
displayEmptyRows		<input checked="" type="checkbox"/>
emptyTableText		
enabled		<input checked="" type="checkbox"/>

- b. In the **Context** Tab, expand COMP_CONTEXT → ITEMS. Right Click on the ITEMS and select **Create Using the Wizard → Attributes from Components of Structures** and select the field you want to extend to the shopping cart application.
2. After adding the field to the Context tab, we need to have it added to the layout of the shopping cart application. Create a Field and Label for the respective customer field in the Layout tab. If the field has to appear as a column in the item overview, insert a new column in the layout of the respective WebDynpro application.
 - a. After adding the field or column to the layout, create a binding between the field in the layout with the field added in the **Context Tab** of the same.
 - b. Note: Create the respective Column Heading for the column if the field is required to be displayed in item overview of the Shopping Cart.
3. Activate the Enhancement and check the visibility of the field in the WebDynpro Application

Related content

For more information, visit the [Supplier Relationship Management homepage](#)

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