

<b>Solution #</b>	F1-0001	<b>Version #</b>	1.0.0.2
<b>Functional Area</b>	FINANCE & CONTROL	<b>UI Platform</b>	DS
<b>Transactions</b>	F-32		
<b>Short Description</b>	CLEAR CUSTOMER		
<b>Date Created</b>	05/07/2009	<b>Created by</b>	Synactive, Inc

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## GuiXT Development Business Rules

Below are the rules taken into consideration for GuiXT Customized screens.

1. Toggle button will be provided to toggle between standard and GuiXT modified SAP screens
2. Two Pusbuttons will be provided on the F-32 screen to handle two user scenarios:
  - a.) User activating line items in the table by either selecting one item at a time or by selecting bulk items and single items
  - b.) User selecting one item at a time only
3. Custom Table Screen or Review Screen will be displayed to the user based on the value of variable “z\_f32\_flag”

## General Script Naming Convention

### GuiXT Scripts

Purpose: For Screen Interface. Dictates how the screen appears to the user

GuiXT Script Names cannot be altered. GuiXT script names are not user defined. GuiXT script gets its name from the ABAP program name and screen number associated with that screen.

Typical GuiXT Script Name: SAPMF05A.E0131.TXT

SAPMF05A	ABAP Program Name
E	1 Character Language Key
0131	Screen Number
.TXT	File Extension (Text Files)

### Input Scripts

Purpose: Facilitates synchronization of data with SAP Screens. Facilitates multiple screen navigation and screen level data validation

Input scripts are user defined.

Following naming convention is followed for Input Scripts

TCODE\_PURPOSE.TXT

(Example: MM01\_SAVE.TXT)

TCODE	Transaction Code for which the script refers to (Example: MM01, Create Material)
PURPOSE	Action that is performed by the input script (Example: SAVE for saving the material)

## General Variable Naming Convention

**For all variables following naming convention is used**

**Note: Variable Names are CASE SENSITIVE**

z\_tcode\_field

z	Used as variable prefix
tcode	Lower Case Transaction Code for which the variable refers to (Example: mm01 for create material)
field	Lower Case field name referring to SAP field (Example: bum for Base Unit of Measure)
Z_GUIXT	Variable is used to show GuiXT screens or standard SAP screens based on what button has been selected by the user.

## GuiXT Development Scripts Listing

### GuiXT Scripts

#### SAPMF05A.E0131.TXT

Purpose: F-32 initial screen on which the first GuiXT interface is designed. All GuiXT variables are initialized here . This screen is displayed when executing transaction F-32

#### SAPDF05X.E3100.TXT

Purpose: F-32 screen with Partial, Residual and Standard payment tabs. Custom “Payment review tables” for “Review” button and “Custom Table” button are designed based on value of “z\_f32\_flag” variable value.

#### SAPMF05A.E0700.TXT

Purpose: The charge off difference GuiXT interface is define on the this screen of F-32 transaction.

### Input Scripts

#### F-32\_DEACTIVATE.TXT

Purpose: Set the value of variable “V[Z\_FLAG]” to “1”. This disables GuiXT modified screen display on all screens. “Z\_FLAG” is not set by default.

Invoked From: SAPMF05A.E0131.TXT

#### F-32\_ACTIVATE.TXT

Purpose: Set the value of variable “V[Z\_FLAG]” to “”. This enables GuiXT modified screen display on all screens. “Z\_FLAG” is not set by default.

Invoked From: SAPMF05A.E0131.TXT

#### F32\_CAPTABLEPAR.TXT & F32\_CAPTURETABLENAME.TXT

Purpose: Capture the screen element name of the SAP table on F-32 screen. Screen element name differs based on function code executed on initial screen of F-32 screen.

Invoked From: SAPMF05A.E0131.TXT

#### F32\_CAPTURESELECTION.TXT

Purpose: Input script invoked by a “double-click” action on “payment table” on F-32 transaction. Captures users order of selection and line item selected.

Invoked From: SAPDF05X.E3100.TXT

## F32\_DISPVIEW.TXT

Purpose: Input script invoked by “Review” button on F-32 transaction. Displays the review screen to the user with information from Partial, Residual and Standard tabs.

Invoked From: SAPDF05X.E3100.TXT

## F32\_SHOWCUSTOM.TXT

Purpose: Input script invoked by “Show Custom” button on F-32 transaction. Updates the flag variable to display “Custom table” button and hide “Review” button. Also, enables display of “Show review” button so that user can switch to that view as well.

Invoked From: SAPDF05X.E3100.TXT

## F32\_SHOWREVIEW.TXT

Purpose: Input script invoked by “Show Review” button on F-32 transaction. Updates the flag variable to display “Review” button and hide “CustomTable” button. Also, enables display of “Show Custom” button so that user can switch to that view as well.

Invoked From: SAPDF05X.E3100.TXT

## F32\_READTABLE.TXT

Purpose: Input script invoked by “Custom Table” button on F-32 transaction. Updates the flag variable to display “Custom table” information. Custom table displays information for Residual, Partial and Standard tabs

Invoked From: SAPDF05X.E3100.TXT

## F32\_DEACTIVATEITEMS.TXT

Purpose: Input script invoked by “Decactivate” button on “Review” screen of F-32 transaction. Provides option for the user to select the line items and deactivate them from “Review” screen.

Invoked From: SAPDF05X.E3100.TXT

## NAVTABLE.TXT

Purpose: Input script invoked by “Previous” and “Next” buttons on “Review” screen of F-32 transaction. Used for scrolling through the GuiXT custom table

Invoked From: SAPDF05X.E3100.TXT

## NAVTABLE2.TXT

Purpose: Input script invoked by “Previous” and “Next” buttons on “CustomTable” screen of F-32 transaction. Used for scrolling through the GuiXT custom table

Invoked From: SAPDF05X.E3100.TXT

## F32\_DONOTHING.TXT

Purpose: Input script to disable the functionality of SAP “Back”, “Exit” and “Cancel” buttons

Invoked From: SAPDF05X.E3100.TXT

## F32\_BAC2STD.TXT

Purpose: Input script to toggle back to standard SAP view and disable GuiXT modification on F-32 payment screen

Invoked From: SAPDF05X.E3100.TXT

## F32\_SETFLAG.TXT

Purpose: Input script invoked by “Enter” on initial screen of “Charge off difference” screen of F-32 transaction. Sets the flag to display the second screen of “Charge off difference” screen

Invoked From: SAPMF05A.E0700.TXT

## F32\_CHARGEOFFDIFF.TXT

Purpose: Input script invoked by “Continue” button on “Charge off difference” screen of F-32 transaction. Completes the charge of difference process by populating the respective SAP fields.



## Scripts Process Flow

### GuiXT Modified Screen: F-32 initial screen

SAPMF05A.E0131.TXT

Interface is displayed when user enters transaction F-32

The screenshot displays the SAP F-32 initial screen, titled "Clear Customer: Header Data". The interface includes a menu bar (Document, Edit, Goto, Settings, System, Help) and a toolbar with various icons. Below the title bar, there are buttons for "Process open items" and "Deactivate GuiXT". The main data area contains the following fields:

- Account: 122182999
- Clearing date: 05/15/2008
- Period: 5
- Company Code: CP01
- Currency: USD

Below these fields, there is a section for "Open item selection" with a "Special G/L ind" field and a checked "Normal OI" option. A section for "Additional selections" lists several radio button options: None (selected), Amount, Document Number, Posting Date, Reference, Reference key 1, Reference key 2, Payment order, Collective invoice, Document Type, Currency, and Others. The bottom status bar shows "DEV (1) 220", "SAPDEV", "INS", and a timestamp of 5:48 PM.

## **Input Scripts**

F32\_CAPTABLEPAR.TXT

### **Invoked From:**

SAPMF05A.E0131.TXT

### **Transaction Code:**

F-32 – Clear Customer

### **When Executed:**

“Enter” on F-32 screen

### **Script Logic:**

Uses the “System-Status” menu to find the program name and screen number. The table screen element might change depending on customer. Hence the process to read the screen element as it is based on program name and screen number

### **Step 1**

Performs “Enter” on the initial screen

### **Step 2**

Chooses menu item “System-Status”

### **Step 3**

Reads the program name and screen number from the “Status” screen.

## GuiXT Modified Screen: F-32 initial screen

SAPMF05A.E0131.TXT

Interface displayed when user hits “enter” transaction F-32 initial screen.

SAP

Document Edit Goto Settings Environment System Help

Clear Customer Process open items

Distribute diff. Charge off diff. Editing options Write Off Difference Automatically (AD) Cash Disc. Due Create Dispute Case CustomTable

Standard Partial pmt Res.items Show Review Button

Account items 122182999 WEGMANS FOOD MKTS INC MMM

Assignme	Document	D	P	Posting Date	Document	Reference	USD Gross	Partially Pai	Payment Am	Cash	Cas
122181010	1800060571	DR	01	03/27/2008	03/27/2008	8245780	2,691.50	0.00			
122181010	1800076952	DR	01	04/17/2008	04/17/2008	8266440	3,486.86	0.00			
122182010	1400001408	DZ	11	02/02/2008	12/17/2007	#0075242	16.54	0.00			
122182010	1400001422	DZ	11	02/02/2008	01/07/2008	#0075534	18.85	0.00			
122182010	1400012207	DZ	15	02/26/2008	02/26/2008	1400012207	156.01	0.00			
122182010	1400031364	DZ	01	04/15/2008	04/15/2008	1400031274	60.22	0.00			
122182010	1600012226	D6	11	03/19/2008	03/18/2008	8237745	15.00	0.00			
122182010	1800051870	DR	01	03/15/2008	03/14/2008	8234804	49.41	0.00			
122182010	1800056259	DR	01	03/21/2008	03/21/2008	8240810	1,085.64	0.00			
122182010	1800058819	DR	01	03/25/2008	03/25/2008	8243705	1,379.09	0.00			
122182010	1800061614	DR	01	03/28/2008	03/28/2008	8247185	1,479.88	0.00			
122182010	1800064096	DR	01	04/01/2008	04/01/2008	8250585	1,483.52	0.00			

Editing status

Number of items 1740 Amount entered 0.00

Display from item 1 Assigned 0.00

Reason code Difference postings

Display in clearing currency Not assigned 0.00

1,740 items were selected

DEV (1) 220 SAPDEV INS

Start 2 SAP Logon fo... Gmail - Status Upd... Microsoft PowerPo... guixt.ini - Notepad Synactive GuiXT 3 Microsoft Wor... 5:52 PM

## **Input Scripts**

F32\_SHOWCUSTOM.TXT

### **Invoked From:**

SAPDF05X.E3100.TXT

### **Transaction Code:**

F-32 – Clear Customer

### **When Executed:**

Clicks “ShowCustom” button on F-32 screen

### **Script Logic:**

Checks to see the selected line items in the table. Reads relevant information from “Partial”, “Residual” and “Standard” tab of the “Payment” screen and displays the information on a GuiXT custom table. Also displays the total dollar amount.

### **Step 1**

Checks all the items to see the ones selected by the user.

### **Step 2**

Reads the relevant data from “Partial”, “Residual” and “Standard” tabs of “Payment” screens.

### **Step 3**

Creates a custom table on “Payment” screen to display the information that was read.. Also, updates the GuiXT flag variable to change the screen display.

## Screen Displayed

The screenshot displays the SAP 'Review Screen' for a financial document. The interface includes a menu bar (Document, Edit, Goto, Settings, Environment, System, Help) and a toolbar with various icons. The main area contains a table with the following data:

	Reference #	USD Gross/	Part Paid Amnt	Payment Am	Cash	Resi. Items
1	8245780	2,691.50	0.00	2,691.50		
2	8266440	3,486.86	0.00	3,486.86		
3	#0075242	16.54-	0.00	16.54-		
4	#0075534	18.85-	0.00	18.85-		
5	1400012207	156.01-	0.00	156.01-		
6	1400031274	60.22	0.00	60.22		
7	8237745	15.00-	0.00	15.00-		
8	8234804	49.41	0.00	49.41		
9	8240810	1,085.64	0.00	1,085.64		
10	8243705	1,379.09	0.00	1,379.09		
11	8247185	1,479.88	0.00	1,479.88		
12	8250585	1,483.52	0.00	1,483.52		
13	8254183	1,420.86	0.00	1,420.86		
14	8258642	1,954.15	0.00	1,954.15		
15	8261512	1,861.86	0.00	1,861.86		
16	8264468	1,338.68	0.00	1,338.68		
17	8268046	1,406.82	0.00	1,406.82		
18	8237074	34.41	0.00	34.41		
19	8240807	5.99	0.00	5.99		
20	8254185	34.41	0.00	34.41		
21	8264471	34.41	0.00	34.41		
22	8243708	47.88	0.00	47.88		
23	8264472	99.75	0.00	99.75		
Total		1,046,959.39-				

Navigation controls at the bottom of the table show page 1 of 23. The status bar at the bottom indicates 'DEV (1) 220', 'SAPDEV', 'INS', and the time '6:02 PM'.

**Clear Customer Process open items**

Standard Partial pmt Res.items Show CustomTable Button

Account items 122182999 WEGMANS FOOD MKTS INC MMM

Assignmne	Document	D	P	Posting Date	Document	Reference	USD Gross	Partially Pai	Payment Am	Cash	Cas
122181010	1800060571	DR	01	03/27/2008	03/27/2008	8245780	2,691.50	0.00			
122181010	1800076952	DR	01	04/17/2008	04/17/2008	8266440	3,486.86	0.00	3,486.86		
122182010	1400001408	DZ	11	02/02/2008	12/17/2007	#0075242	16.54-	0.00			
122182010	1400001422	DZ	11	02/02/2008	01/07/2008	#0075534	18.85-	0.00	18.85-		
122182010	1400012207	DZ	15	02/26/2008	02/26/2008	1400012207	156.01-	0.00			
122182010	1400031364	DZ	01	04/15/2008	04/15/2008	1400031274	60.22	0.00	60.22		
122182010	1600012226	D6	11	03/19/2008	03/18/2008	8237745	15.00-	0.00			
122182010	1800051870	DR	01	03/15/2008	03/14/2008	8234804	49.41	0.00	49.41		
122182010	1800056259	DR	01	03/21/2008	03/21/2008	8240810	1,085.64	0.00			
122182010	1800058819	DR	01	03/25/2008	03/25/2008	8243705	1,379.09	0.00	1,379.09		
122182010	1800061614	DR	01	03/28/2008	03/28/2008	8247185	1,479.88	0.00			
122182010	1800064096	DR	01	04/01/2008	04/01/2008	8250585	1,483.52	0.00			

Editing status

Number of items: 1740  
 Display from item: 1  
 Reason code:   
 Amount entered: 0.00  
 Assigned: 4,956.73  
 Difference postings:   
 Display in clearing currency: Not assigned 4,956.73-

DEV (1) 220 SAPDEV INS

## Input Scripts

F32\_DISPVIEW.TXT

## Invoked From:

SAPDF05X.E3100.TXT

## Transaction Code:

F-32 – Clear Customer

## When Executed:

Clicks “Review” button on F-32 screen

## Script Logic:

Checks to see the selected line items in the table. Reads relevant information from “Partial”, “Residual” and “Standard” tab of the “Payment” screen and displays the information on a GuiXT custom table. Also displays the total dollar amount. Also allows user to select line items on review screen and deactivate them.

## Step 1

Checks all the items to see the ones selected by the user.

## Step 2

Reads the relevant data from “Partial”, “Residual” and “Standard” tabs of “Payment” screens.

## Step 3

Creates a custom table on “Payment” screen to display the information that was read.. Also, updates the GuiXT flag variable to change the screen display.

## Screen Displayed

The screenshot displays the SAP 'Review Screen' interface. At the top, there is a menu bar with options: Document, Edit, Goto, Settings, Environment, System, and Help. Below the menu is a toolbar with various icons. The main area is titled 'Review Screen' and contains a table with the following columns: Reference #, USDGross/, Part.PaidAmnt, Payment Am, Cash, and Resi. Items. The table lists several items, including a 'Cash Discount' item. To the right of the table, there is a 'Total' label followed by the value '4,956.73-'. At the bottom of the table, there is a navigation bar with a 'Deactivate' button and a status bar showing 'DEV (1) 220 SAPDEV INS'. The Windows taskbar at the bottom shows several open applications, including '2 SAP Logon fo...', 'Gmail - Status Upd...', 'Microsoft PowerPo...', 'guixt.ini - Notepad', 'Synactive GuiXT', and '3 Microsoft Wor...'. The system clock shows '6:15 PM'.

	Reference #	USDGross/	Part.PaidAmnt	Payment Am	Cash	Resi. Items
1	8266440	3,486.86	0.00	3,486.86		
2	1400031274	60.22	0.00	60.22		Cash Discount
3	8243705	1,379.09	0.00	1,379.09		
4	#0075534	18.85-	0.00	18.85-		
5	8234804	49.41	0.00	49.41		
6						
7						
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Total 4,956.73-