

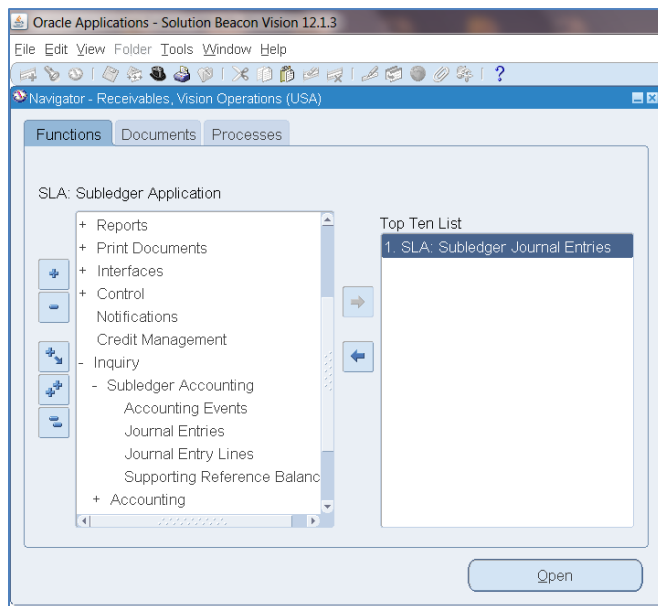
## SLA Process Design Flaw\_Allowing Manual Journal Entries in Subledgers

**Background:** In R12, Oracle dramatically changed their subledger architecture by introducing SLA – Sub-Ledger Architecture. This change helps to standardize the way accounting is stored and transferred to the General Ledger and also allow multiple accounting methods for subledger activity. In the SLA architecture and design of function security, Oracle introduced some significant flaws. We will look at three issues:

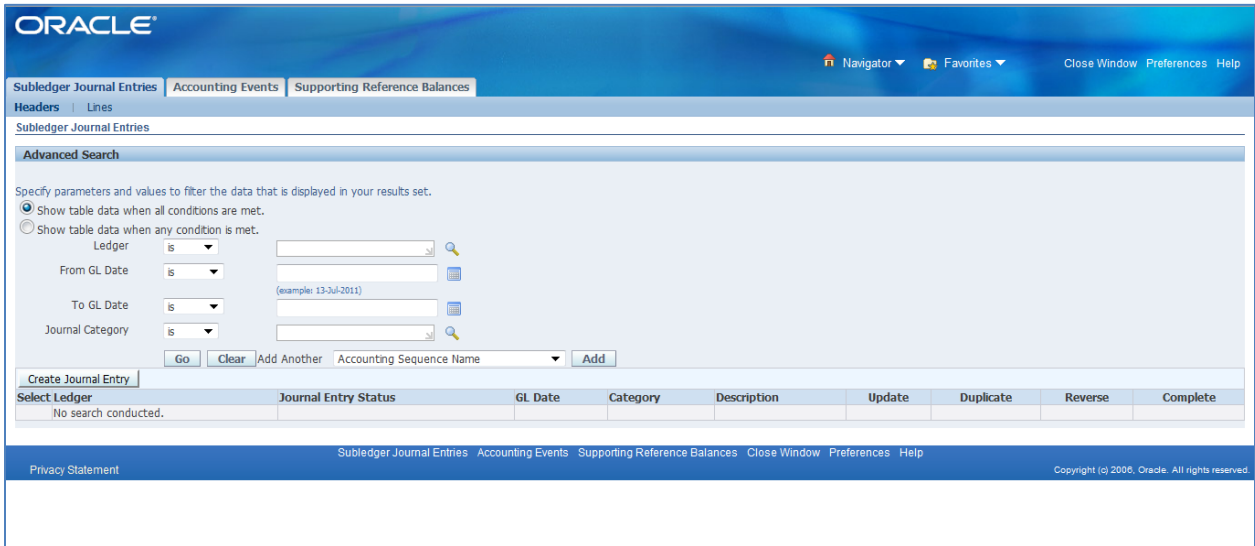
- Ability to create a manual journal entry through the subledgers
- Ability to create a manual journal entry through an inquiry menu
- Inconsistencies in the design of subledger menus and seeded responsibilities

Critical function: SLA: Create Subledger Journal Entry

First, a demonstration of how to enter a manual journal entry at the subledger level



Choose Journal Entries and you will receive this screen:



ORACLE

Subledger Journal Entries | Accounting Events | Supporting Reference Balances

Subledger Journal Entries

Advanced Search

Specify parameters and values to filter the data that is displayed in your results set.

Show table data when all conditions are met.  
 Show table data when any condition is met.

Ledger is [ ] [ ]  
 From GL Date is [ ] [ ]  
 To GL Date is [ ] [ ] (example: 13-Jul-2011)  
 Journal Category is [ ] [ ]

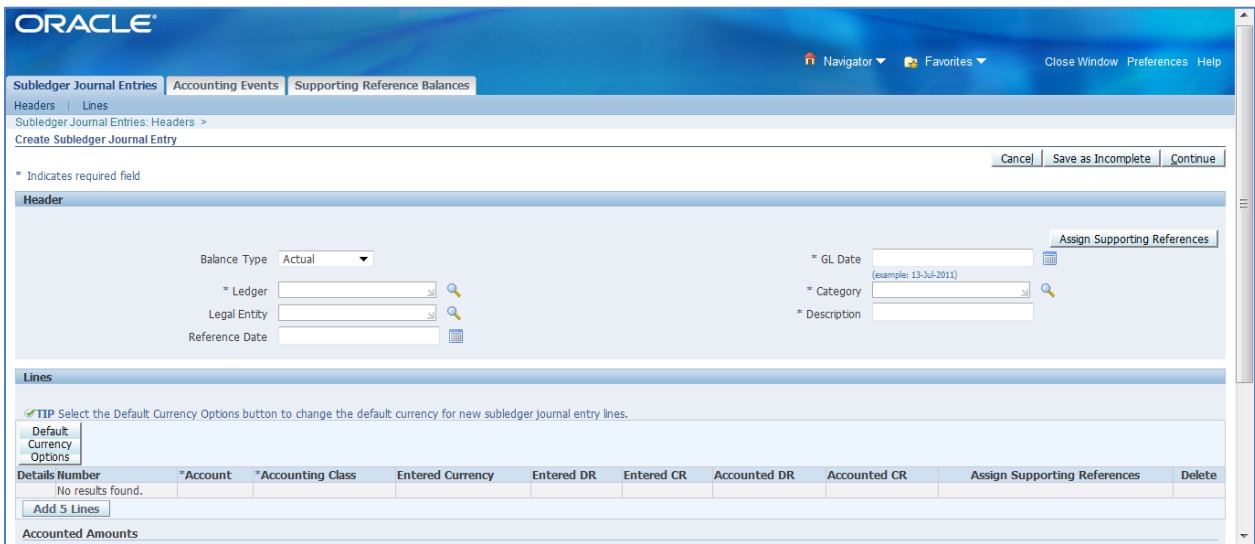
Go Clear Add Another Accounting Sequence Name Add

Create Journal Entry

Select Ledger	Journal Entry Status	GL Date	Category	Description	Update	Duplicate	Reverse	Complete
No search conducted.								

Privacy Statement | Subledger Journal Entries | Accounting Events | Supporting Reference Balances | Close Window | Preferences | Help | Copyright (c) 2006, Oracle. All rights reserved.

Press the Create Journal Entry button and you will receive this screen:



ORACLE

Subledger Journal Entries | Accounting Events | Supporting Reference Balances

Subledger Journal Entries: Headers >

Create Subledger Journal Entry

Cancel | Save as Incomplete | Continue

\* Indicates required field

Header

Balance Type Actual [ ]

\* Ledger [ ] [ ]

Legal Entity [ ] [ ]

Reference Date [ ] [ ]

\* GL Date [ ] [ ] (example: 13-Jul-2011)

\* Category [ ] [ ]

\* Description [ ] [ ]

Assign Supporting References

Lines

TIP Select the Default Currency Options button to change the default currency for new subledger journal entry lines.

Default Currency Options

Details Number	*Account	*Accounting Class	Entered Currency	Entered DR	Entered CR	Accounted DR	Accounted CR	Assign Supporting References	Delete
No results found.									

Add 5 Lines

Accounted Amounts

You can create a Journal Entry here as follows:

Reference Date

**Lines**

TIP Select the Default Currency Options button to change the default currency for new subledger journal entry lines.

**Default Currency Options**

Details	Number	Operations Accounting Flex	*Accounting Class	Entered Currency	Entered DR	Entered CR	Accounted DR (USD)	Accounted CR (USD)	Assign Supporting References	Delete
Show 1		01-000-1110-0000-000 Company-Department-Account-Sub-Account-Product		USD	0.01		0.01			
Show 2		01-000-1110-0000-000 Company-Department-Account-Sub-Account-Product		USD		0.01		0.01		
Show 3		Company-Department-Account-Sub-Account-Product		USD						
Show 4		Company-Department-Account-Sub-Account-Product		USD						
Show 5		Company-Department-Account-Sub-Account-Product		USD						

**Add 5 Lines**

**Accounted Amounts**

Select the Calculate Totals to calculate the accounted amounts for all subledger journal entry lines.

Total Accounted Debit (USD) **0.00**      Total Accounted Credit (USD) **0.00**

TIP Select Save as Incomplete only if you want to save the journal entry as Incomplete and return to the Subledger Journal Entries page. Otherwise, select Continue.

Press Continue and you will receive this screen:

**ORACLE**

Subledger Journal Entries | Accounting Events | Supporting Reference Balances

Subledger Journal Entries: Headers > Create Subledger Journal Entry >

Review Subledger Journal Entry

Complete Final

**Header**

Balance Type: Actual  
Ledger: Vision Operations (USA)  
Legal Entity:  
Reference Date:

GL Date: 13-Jul-2011  
Category: Other  
Description: JTH Test

**Lines**

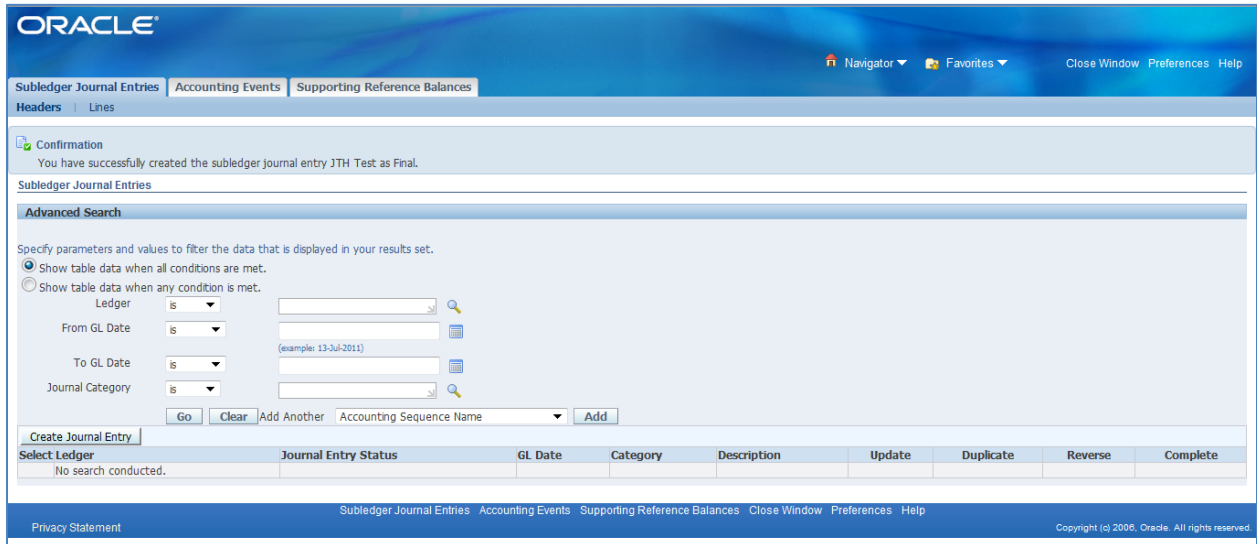
Details	Number	Account	Accounting Class	Entered Currency	Entered DR	Entered CR	Accounted DR (USD)	Accounted CR (USD)	Supporting References
Show 1		01-000-1110-0000-000		USD	0.01		0.01		∞∞
Show 2		01-000-1110-0000-000		USD		0.01		0.01	∞∞

**Accounted Amounts**

Total Accounted Debit (USD) **0.01**      Total Accounted Credit (USD) **0.01**

Complete Final

Press the Finish button and you will receive this message:



The screenshot shows the Oracle ERP Risk Advisors interface. At the top, there is a navigation bar with the Oracle logo and menu items: Navigator, Favorites, Close Window, Preferences, and Help. Below this, there are tabs for Subledger Journal Entries, Accounting Events, and Supporting Reference Balances. The main content area displays a confirmation message: "Confirmation: You have successfully created the subledger journal entry JTH Test as Final." Below the message is an "Advanced Search" section with the following fields and options:

- Specify parameters and values to filter the data that is displayed in your results set.
- Radio buttons for search criteria:
  - Show table data when all conditions are met.
  - Show table data when any condition is met.
- Search fields:
  - Ledger: is [dropdown]
  - From GL Date: is [dropdown] [text input]
  - To GL Date: is [dropdown] [text input] (example: 13-Jul-2011)
  - Journal Category: is [dropdown]
- Buttons: Go, Clear, Add Another, Accounting Sequence Name [dropdown], Add

Below the search form is a table with the following columns: Select Ledger, Journal Entry Status, GL Date, Category, Description, Update, Duplicate, Reverse, Complete. The table contains one row with the text "No search conducted."

At the bottom of the interface, there is a footer with "Privacy Statement" on the left and "Copyright (c) 2006, Oracle. All rights reserved." on the right.

## Journal Sources Configuration

Oracle Applications - Solution Beacon Vision 12.1.3

File Edit View Folder Tools Window Help

ORACLE

Journal Sources

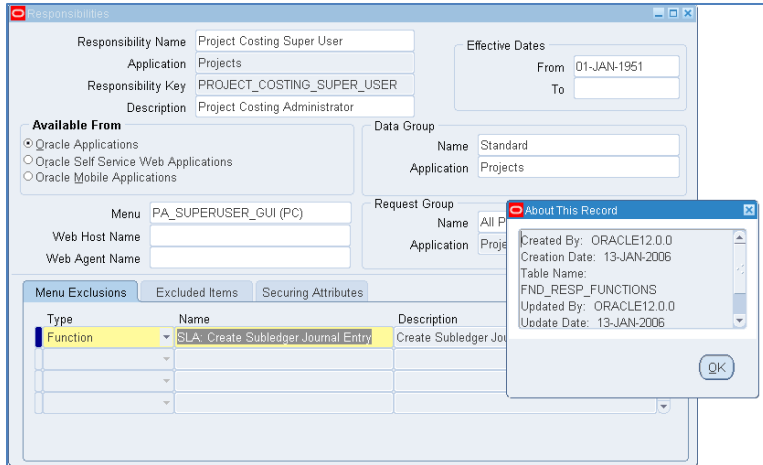
Source	Source Key	Description	Import Journal References	Require Journal Approval	Import Using Key	Freeze Journals	Effective Date Rule
AX Payables	AP Translator	AX Payables Entry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes	Roll Date
AX Receivables	AR Translator	AX Receivables Entry	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Yes	Roll Date
Payables	Payables	Accounts Payable System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	Roll Date
Receivables	Receivables	Accounts Receivable System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No	Roll Date
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

## Examples of seeded menus / responsibilities with this flaw

Note inconsistency within Oracle in how these are handled

### Project Costing Super User

with Function Exclusion



The screenshot shows the Oracle 'responsibilities' window for 'Project Costing Super User'. The 'Available From' section is set to 'Oracle Applications'. The 'Menu' is 'PA\_SUPERUSER\_GUI (PC)'. The 'Request Group' is 'All P'. An 'About This Record' dialog box is open, displaying the following information:

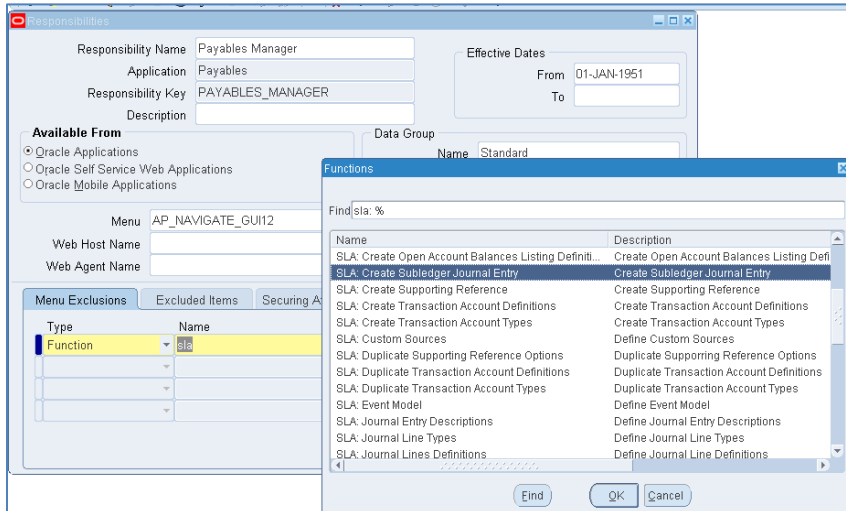
- Created By: ORACLE12.0.0
- Creation Date: 13-JAN-2006
- Table Name: FND\_RESP\_FUNCTIONS
- Updated By: ORACLE12.0.0
- Update Date: 13-JAN-2006

The 'Menu Exclusions' table is visible below the dialog box:

Type	Name	Description
Function	SLA: Create Subledger Journal Entry	Create Subledger Journal Entry

### Payables Manager

w/o function exclusion, but with the function



The screenshot shows the Oracle 'responsibilities' window for 'Payables Manager'. The 'Available From' section is set to 'Oracle Applications'. The 'Menu' is 'AP\_NAVIGATE\_GUI12'. A 'Functions' dialog box is open, displaying a list of functions. The search criteria is 'Find:sla: %'. The list includes:

- SLA: Create Open Account Balances Listing Definitions
- SLA: Create Subledger Journal Entry
- SLA: Create Supporting Reference
- SLA: Create Transaction Account Definitions
- SLA: Create Transaction Account Types
- SLA: Custom Sources
- SLA: Duplicate Supporting Reference Options
- SLA: Duplicate Transaction Account Definitions
- SLA: Duplicate Transaction Account Types
- SLA: Event Model
- SLA: Journal Entry Descriptions
- SLA: Journal Line Types
- SLA: Journal Lines Definitions

## Receivables Manager: w/o function exclusion, but with the function

The screenshot shows the 'Responsibilities' configuration window for 'Receivables Manager'. The 'Menu Exclusions' tab is active, showing a table with 'Function' as the type and 'SLA' as the name. A 'Functions' dialog box is open, displaying a search for 'sla: %' and a list of functions including 'SLA: Create Subledger Journal Entry'.

Type	Name
Function	SLA

Name	Description
SLA: Create Account Derivation Rule Assignment	Create Account Derivation Rule Assignment
SLA: Create Open Account Balances Listing Defini...	Create Open Account Balances Listing Defi...
SLA: Create Subledger Journal Entry	Create Subledger Journal Entry
SLA: Create Supporting Reference	Create Supporting Reference
SLA: Create Transaction Account Definitions	Create Transaction Account Definitions
SLA: Create Transaction Account Types	Create Transaction Account Types
SLA: Custom Sources	Define Custom Sources
SLA: Default Currency Options	Default Currency Options
SLA: Duplicate Supporting Reference Options	Duplicate Supporting Reference Options
SLA: Duplicate Transaction Account Definitions	Duplicate Transaction Account Definitions
SLA: Duplicate Transaction Account Types	Duplicate Transaction Account Types
SLA: Event Model	Define Event Model
SLA: Journal Entry Descriptions	Define Journal Entry Descriptions

## Cash Management:

The screenshot shows the 'Responsibilities' configuration window for 'Cash Management'. The 'Menu Exclusions' tab is active, showing a table with 'Function' as the type and 'SLA' as the name. A 'Functions' dialog box is open, displaying a search for 'SLA%create%' and a list of functions including 'SLA: Create Account Derivation Rule Assignment'.

Type	Name
Function	SLA

Name	Description
SLA: Create Account Derivation Rule Assignment	Create Account Derivation Rule Assignment
SLA: Create Open Account Balances Listing Definition	Create Open Account Balances Listing Definition
SLA: Create Subledger Journal Entry	Create Subledger Journal Entry
SLA: Create Supporting Reference	Create Supporting Reference
SLA: Create Transaction Account Definitions	Create Transaction Account Definitions
SLA: Create Transaction Account Types	Create Transaction Account Types

Choices in list: 380  
Record: 1/1 | ... | List of Valu... | <OSC>