



# Goodbye T-Codes!

## An Intro to R12 Subledger Accounting (SLA) for Federal Financials

OAUG FEDSIG

Denver, CO

13-APR-08



## Agenda

- Introductions
- SLA Basic Terminology and Benefits to Federal Financials
- Accounting Methods Builder (AMB) Components
- Demonstration:
  - Execution of Example Budget and Purchasing Transactions
  - Review of SLA/USSGL Postings
  - SLA Configurations/Setups done to Support Examples
- Standard SLA Reports and Reconciliation Tools
- Secondary Ledgers
- Other SLA and AMB Components/Features
- Implementing SLA
- Additional Resources
- Conclusion

*Presentation Goal: To provide an introduction to SLA Concepts, Capabilities and Terminology with a focus on relevant topics to Federal Financials customers.*



## Introductions

Larry Baugh, CPA – Capital City Technologies

- 9+ years Oracle Federal Financials Functional/Technical Experience
- Emphasis Areas: GL, Budget Execution, Fed Admin, AR, AP, Fed Reporting, PA, PO, iProc, Proc Contracts, XML/BI Publisher, Discoverer, SQL, PL/SQL, etc.
- Sample Federal Customers: USAF/USTC-DEAMS, DFAS, SDDC/MTMC, MSC, SBA, DOI-NBC (TDA, VCT, SSS, MCC, CSOSA/PSA), DOE-Sandia National Labs, DOE-Nevada Test Site, US House of Reps, OPM, etc.

Cary Payne – i360 Technologies

- 10 years Oracle E-Business Suite, 4 years Oracle Federal Financials
- Emphasis Areas: Procure-to-Pay, Fed Admin, System Admin, Inventory, Order Mgmt
- Sample Federal Customers: OFHEO, NASA, NOAA



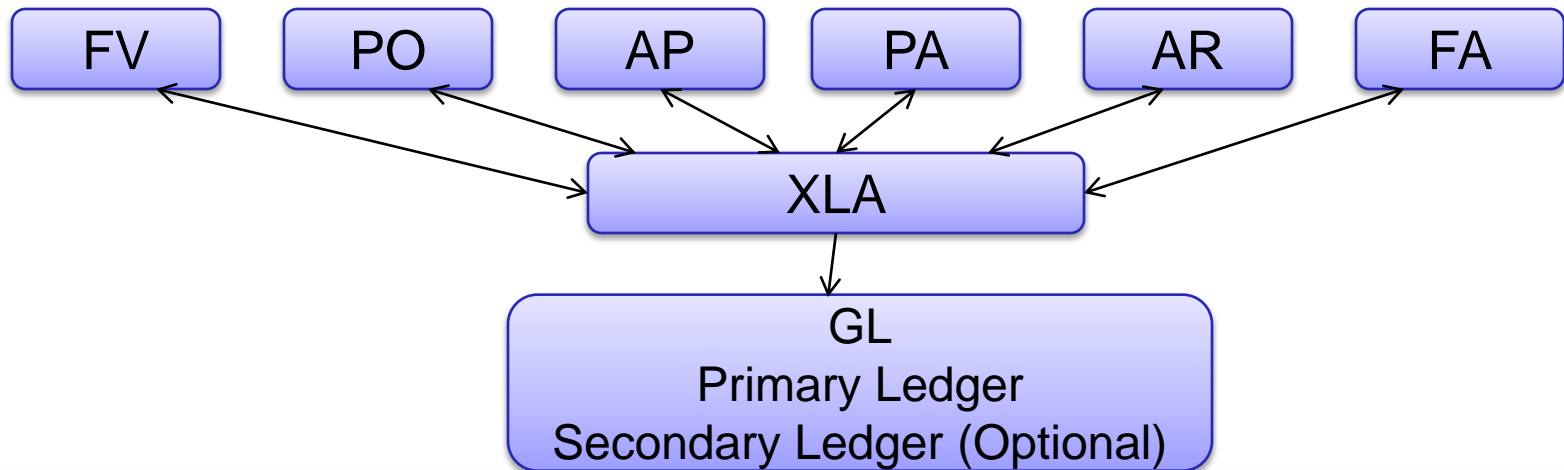
# Basic SLA Introduction and Benefits to the Federal Community



## What is SubLedger Accounting (SLA)?

- A new centralized, rules-based accounting engine/service utilized throughout R12 to create an agency's required USSGL accounting entries.
- A new repository (set of tables) and toolset to support various features including enhanced drilldown/reconciliation between the GL/Subsidiary modules and additional reporting capability around accounting transactions/balances.

*Federal Financials Customers must implement SLA with the initial upgrade to R12. USSGL Transaction Codes are no longer an option for accounting events.*



# SLA, a Significant Oracle R&D Effort



*Over 2,000 add'l objects have been added to the E-Business Suite database due to SLA.*

That doesn't even include the additional related Forms and XML Publisher Reports.

```
select object_type,count(*)
from dba_objects
where object_name like '%XLA%'
group by object_type;
```

## 12.0.4 Query Result

Type	Count
INDEX PARTITION	326
SEQUENCE	30
TABLE PARTITION	92
QUEUE	1
PACKAGE	266
PACKAGE BODY	266
CONTEXT	2
SYNONYM	239
TABLE	202
VIEW	303
INDEX	279
TYPE	13
<b>TOTAL</b>	<b>2,019</b>



# SLA Benefits to the Fed Financial Community

## Enhanced Accounting Accuracy, Fewer Extensions, Greater Audit Compliance, Add'l Reporting Capability

- USSGL Transaction Codes and the limitations of that functionality are no longer needed. Users are no longer responsible for selecting the applicable T-Code/Accounting as part of the transaction.
- Provides a simultaneous, integrated mechanism for creating all required accounting entries (Proprietary & Budgetary) for transactions across subsidiary modules.
- Provides standard drill-down and reconciliation capability for all journal entries created (Proprietary & Budgetary).
- Capability for secondary ledgers and third party control accounts.
- Enables retirement of various extensions deployed in Federal community such as:
  - Custom T-Code triggers
  - Custom.pll/forms personalizations
  - Custom Account Generators, etc.

Sample Modules that SLA Applies to:			
Fed Admin	Purchasing	iProcurement	Payables
Projects	Loans	Receivables	Assets



# The Accounting Methods Builder (AMB) Components



# SLA Component: Accounting Methods Builder

Accounting Methods Builder (AMB) – The mechanism for creating and maintaining the rules that control how accounting is created.

- Subledger Accounting Methods (e.g. the US Federal Method)
  - Application Accounting Definitions (e.g. the PO AAD)
    - Event Classes (e.g. Purchase Order and Agreements)
      - Event Types (e.g. PO\_Reserved, PO\_Cancelled, etc)
        - Journal Line Definitions (e.g. Federal Purchase Order)
          - Journal Line Types (e.g. PO Reserve DR & PO Reserve CR)
            - Account Derivation Rules (e.g. Natural Account Segment, Other AFF segments)

Supporting Components: Sources, Journal Descriptions, Mapping Sets, Supporting References, Business Flows, etc.

# R12 Seeded Method: United States Federal



Subledger Accounting Methods

Method Code: UNITED\_STATES\_FEDERAL      Owner: Oracle

Method Name: United States Federal       Enabled

Description: United States Federal

Chart of Accounts

Transaction:       Accounting:

Application Accounting Definition Assignments

Application	Name	Owner	Start Date	End Date
Assets	Assets Standard Accounting	Oracle	01-JAN-1805	
Cost Management	Federal Costing Application Acc	Oracle	01-JAN-1805	
Federal Financials	Federal Financials AAD	Oracle	01-JAN-1805	
Loans	Loans US Federal	Oracle	12-AUG-2005	
Payables	Federal Payables AAD	Oracle	01-JAN-1805	
Purchasing	Federal Purchasing Application	Oracle	01-JAN-1805	

Description: Standard Accounting for Assets

Accounting Setups      Application Accounting Definition      Copy

*“With the introduction of SLA, U.S. Federal Financials has seeded, account-derivation rules to replace the use of transaction codes on transactions. The account-derivation rules seeded for use in Oracle Purchasing, Oracle Cost Mgmt, Oracle Payables, and Oracle Receivables are **seeded with a six-digit subaccount of the USSGL account**.... Custom account derivation rules can be built to change the six-digit subaccount from the seeded rule”*

The seeded US Federal Accounting Method serves as helpful guide in understanding how SLA can be used for Federal Financials customers, but **most Fed installs will likely have to build/copy to custom rules based on their agency-unique USSGL structure.**

*-Above per: Oracle Financials and Oracle Procurement Functional Upgrade Guide: Release 11i to Release 12.*



# Subledger Accounting Method

Accounting Setups: Ledger Definition >

Update Ledger: Ledger Definition

\* Indicates required fields



## Standard Information

* Ledger	<input type="text" value="DoD"/>
	<small>Ledger name must be unique</small>
* Short Name	<input type="text" value="DoD914(USD)"/>
	<small>Ledger short name must be unique</small>
Description	<input type="text"/>
Currency	USD
Chart of Accounts	DOD_ACCOUNTING_FLEX

## Accounting Calendar

Accounting Calendar	Federal
Period Type	FED Fiscal Mth
First Ever Opened Period	OCT-adj/98-99
* Number of Future Enterable Periods	<input type="text" value="8"/>

## Subledger Accounting

TIP: These fields are only required if using Oracle Subledger Accounting.

* Subledger Accounting Method	<input type="text" value="US Dept of Defense Accountin"/>	<input type="button" value="Open Subledger Accounting Method"/>
Subledger Accounting Method Owner	User	

The Subledger Accounting Method is assigned to the Ledger in the Ledger Definition (Accounting Setup Manager).

Methods can be assigned to one or more Ledgers

\*\* Ledger is formally known as Set of Books.



# Subledger Accounting Method

Subledger Accounting Methods

Method Code:  Owner:   
 Method Name:   Enabled  
 Description:   
 Chart of Accounts  
 Transaction:  Accounting:

Application Accounting Definition Assignments

Application	Name	Owner	Start Date	End Date
Assets	Assets Standard Accounting	Oracle	01-JAN-1805	
Cost Management	Federal Costing Application Acc	Oracle	01-JAN-1805	
Federal Financials	Federal Financials AAD DOD	User	01-JAN-1805	
Loans	Loans US Federal	Oracle	12-AUG-2005	
Payables	Federal Payables AAD	Oracle	01-JAN-1805	
Purchasing	FV_DOD_PO_AAD	User	01-JAN-1805	

Description:

Accounting Setups    Application Accounting Definition    Copy

The highest level grouping of SLA rules defined in R12 (eg the US Federal Method).

Multiple Application Accounting Definitions comprise the Method.



# Application Accounting Definitions (AAD)

**Application Accounting Definitions**

Application: Purchasing  
 Definition Code: FV\_DOD\_PO\_AAD  
 Definition Name: FV\_DOD\_PO\_AAD  
 Description: FV\_DOD\_PO\_AAD  
 Owner: User  
 Version:   
 Enabled

Chart of Accounts  
 Transaction: DOD\_ACCOUNTING\_FLEX  
 Accounting: DOD\_ACCOUNTING\_FLEX

Event Class and Event Type Assignments

Event Class	Event Type	Validation Status	Create Accounting	Locked
Purchase Order and Agreement	All	Valid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Release	All	Valid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Requisition	All	Valid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Header Assignments

Journal Lines Definition Assignments

Journal Lines Definition Name	Owner	Description
FV_DOD_REQ_ALL	User	FV_DOD_REQ_ALL

Journal Line Definition    Validate    Copy

A group of accounting rules per module (eg the PO AAD).

The AAD represents a grouping by Event Class/Event Type and the Journal Lines definitions that are assigned to those Event Classes/Types.

# Event Classes/Event Types



Event Classes and Types

Entity Name: Requisition

Event Classes

Event Class Code	Event Class Name	Description	Enabled
REQUISITION	Requisition	Purchase and Internal Requisitions	<input checked="" type="checkbox"/>
REQUISITION_BURDEN	Burden for Requisition	Burden for Purchase and Internal Requisitions	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Predecessors

Event Types

Event Type Code	Event Type Name	Description	Accounting	Tax	Enabled
REQ_REJECTED	Requisition Rejected	Requisition Rejected	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REQ_RESERVED	Requisition Reserved	Requisition Reserved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REQ_RETURNED	Requisition Returned	Requisition Returned	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
REQ_UNRESERVED	Requisition Unreserved	Requisition Unreserved	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Event Classes represent a group of R12 subsidiary transaction types.

Event Types represent a more specific transaction event/type/action that could trigger accounting entries.



# Journal Line Definitions

Journal Lines Definitions

Application: Purchasing  
 Event Class: Requisition  
 Definition Code: FV\_DOD\_REQ\_ALL  
 Definition Name: FV\_DOD\_REQ\_ALL  
 Description: FV\_DOD\_REQ\_ALL

Event Type: All  
 Owner: User  
 Enabled  
 Budgetary Control

Chart of Accounts  
 Transaction: DOD\_ACCOUNTING\_FLEX  
 Accounting: DOD\_ACCOUNTING\_FLEX

Line Assignments

Journal Line Type	Owner	Inherit Description	Line Description	Owner	Active
FV_DOD_REQ_RESERVE_CR	User	<input type="checkbox"/>	Requisition Journal Header Descriptio	Oracle	<input checked="" type="checkbox"/>
FV_DOD_REQ_RESERVE_DR	User	<input type="checkbox"/>	Requisition Journal Header Descriptio	Oracle	<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

Line Type    Line Description    Multiperiod Accounting    Copy Line Assignment

Account Derivation Rules    Upgrade

Segment	Inherit	Rule Name	Owner	Description	Side
All Segments	<input type="checkbox"/>	Federal Account Rule	Oracle	Federal Budgetary Account Ru	
USSGL	<input type="checkbox"/>	FV_DOD_47XD	User		
	<input type="checkbox"/>				

Account Derivation Rule    Copy Definition

A group of accounting rules per Event Class/Type (eg Req., or Reserve Req.).

The Journal Line Definition represents a grouping by Journal Line Type and the Account Derivation Rules that are assigned to those Journal Line Types.

# Journal Line Type



**Journal Line Types**

Application: Purchasing  
 Event Class: Requisition  
 Line Type Code: FV\_DOD\_REQ\_RESERVE\_C  
 Name: FV\_DOD\_REQ\_RESERVE\_C  
 Description: FV\_DOD\_REQ\_RESERVE\_CR

Owner: User  
 Accounting Class: Requisition  
 Rounding Class: Requisition  
 Enabled

**Options**

Balance Type:  Actual,  Budget,  Encumbrance  
 Side:  Debit,  Credit,  Gain/Loss

Chart of Accounts Transaction:

Business Flow Method: None, Class: Federal Requisition CR

Switch Debit/Credit: No  
 Merge Matching Lines: No  
 Subledger Gain/Loss:

Multiperiod:  None,  Accrual,  Recognition  
 Transfer to GL:  Summary,  Detail (J)

Condition: ( Accounting Event Type Code = 'REQ\_RESERVED' OR Accounting Event Type Code = 'F

Buttons: Copy, Conditions (K), Accounting Attribute Assignments

Components of the Line Type.

The line type represents the link to the standard R12 Transaction Event.

Line Type: FV\_DOD\_REQ\_RESERVE\_C  
 Accounts:

Seq (	Source	Segment	Operator	Value Type	Value	Segment	And/Or
10	(	Accounting Event Type Coc	=	Constant	REQ_RESERVED	)	OR
30		Accounting Event Type Coc	=	Constant	REQ_ADJUSTED	)	AND
40		Adjustment Status	=	Constant	NEW	)	AND
50		Main Or Backing Code	=	Constant	M	)	



# Account Derivation Rule

**Account Derivation Rules**

Application: Purchasing  
 Rule Code: FV\_DOD\_47X0  
 Rule Name: FV\_DOD\_47X0  
 Description:   
 Owner: User  
 Enabled

Chart of Accounts  
 Transaction:   
 Accounting:

Output Type  
 Flexfield  
 Segment  
 Value Set

Priorities

Priority	Value Type	Value	Input Source	Segment
1	Constant	4700.900011		
2	Constant	4720.900011		

Condition: ( Federal Fund Category = 'A' OR Federal Fund Category = 'B' )

Represents the detail Accounting Rule.

Value Type is either: Constant, Source, Mapping Set or Account Derivation Rule

Example for USSGL segment: if Type = 'Constant', Value is a specific USSGL

If Type = Source, Value is a specific Source, eg DR\_ACCOUNT\_SEGMENT\_VALU E (Budget Transaction Type/Sub Type DR Account Value)



# Account Derivation Rule: Conditions

Conditions control which Account Derivation Rule Line/Priority is applicable to the transaction.

Account Derivation Rule Conditions - Purchasing

Rule Name: Federal 47X002 Requisition  
 Priority: 1  
 Transaction Chart of Accounts:

Conditions

Seq	(	Source	Segment	Operator	Value Type	Value	Segment	)	And/Or
1	(	Federal Fund Category		=	Constant	A		)	OR
2		Federal Fund Category		=	Constant	B		)	

Vs.

Account Derivation Rule Conditions - Purchasing

Rule Name: Federal 47X002 Requisition  
 Priority: 2  
 Transaction Chart of Accounts:

Conditions

Seq	(	Source	Segment	Operator	Value Type	Value	Segment	)	And/Or
1	(	Federal Fund Category		=	Constant	C		)	

# Sources



Sources are R12 data elements that can be used in AMB rule definition. Sources are assigned to the Event Classes they are related/applicable to. R12 provides thousands of seeded sources. Custom Sources can also be implemented by creating PL/SQL functions and defining them as sources.

Sources

Application:

Definition | Flexfield Options | Source Options

Source Code	Displayed Name
ACCOUNTED_AMOUNT_BIL	Accounted Amount Billed
ACCOUNTED_AMOUNT_DE	Accounted Amount Delivered
ACCOUNTED_AMOUNT_OR	Accounted Amount Ordered
ACCOUNTED_AMT	Accounted Amount
ACCOUNTING_REVERSAL	Accounting Reversal Flag
ACC RUE_ON_RECEIPT_FL	Accrue On Receipt Flag
ADJUSTMENT_STATUS	Adjustment Status
ALLOC_TO_APPLN_ID	Allocated to Application Identifier
ALLOC_TO_DISTRIBUTION	Allocated to Main Document Distribution Type
ALLOC_TO_DIST_ID_1	Allocated to Main Document Distribution Identifier

Source Assignments

Application:

Event Class:

Source Assignments

Source	Source Description	Extract Object Level
Accounted Amount		Line
Accounting Reversal Flag		Line
Accounts Payable Accrual Account for Ex		Line
Accounts Payable Accrual Account for Inw		Line
Adjustment Status		Line
Amount Ordered		Line
Applied To Application Identifier		Line
Applied To Distribution Identifier 1		Line
Applied To Distribution Identifier 2		Line
Applied To Distribution Identifier 3		Line
Applied To Distribution Identifier 4		Line
Applied To Distribution Identifier 5		Line



# Example Transactions and AMB Configurations



# Example: Budget Distribution Transaction

## Budget Entries

- Enter Transaction, Approve
- Run Request: Transfer Journal Entries to GL

Transaction Type/  
SubType are used in  
determining the proper  
accounting for Budget  
Distribution transactions.

Enter Budget Authority (FEDERAL GENERIC)

Number	LB08 0002	Transaction Date	09-APR-2008	Established FY	2006
Treasury Symbol	24-X-0100	Time Frame	No Year	Expiration	30-SEP-2010
Fund Value	24XD100	Category	C - Reimbursable	Cancellation	
Distribution	24XD100.2008.200	Status	Approved, Reserved	Document Total	500,000.00
Description	Salaries and Expenses.2008.2008.DEFAULT.DEFAULT.Default.DEFAULT				
				Source	Manual

Approval	Rev Date	GL Date	Transaction Type	Sub Type	Increase/Decrease	Transact Amo
	09-APR-2008	09-APR-2008	Appropriation	Appropriation	Increase	500,000

Submit Request

Run this Request...

Name	Transfer Journal Entries to GL
Operating Unit	
Parameters	FEDERAL GENERIC::09-APR-2008:Yes:
Language	American English



# Example: Budget Distribution Entries

## GL Entry

## SLA Entry

Line	Account	Debit (USD)	Credit (USD)
4	24X0100.2008.2008.451000001.0.0.0.0.0	50,000,000.00	
6	24X0100.2008.2008.461000001.0.0.0.0.0		50,000,000.00

### Subledger Journal Entry

Ledger **FEDERAL GENERIC**  
Journal Entry Status **Final**  
Balance Type **Actual**  
GL Date **07-Apr-2008**

[View T-Account](#) [View Supporting References](#)  
Category **Budget Distribution**  
Completion Date **07-Apr-2008 14:39:17**  
Journal Entry Type **Standard**  
Description

#### Transaction Information

Document Number **cdp allot**  
Fund Value **24X0100**  
Budget Execution Source **MANUAL**  
Document Sequence Name  
Document Sequence Number

Budget Level **Allotment**  
Transaction Date **07-APR-2008 00:00:00**  
Treasury Symbol **24-X-0100**

[Show Additional Information](#)

#### Lines

<a href="#">Export</a>									
Details	Number	Account	Accounting Class	Entered Currency	Entered DR	Entered CR	Accounted DR (USD)	Accounted CR (USD)	Supporting References
<a href="#">Show</a>	1	24X0100.2008.2008.451000001.0.0.0.0.0.0.0	Budget Execution Reserve DR	USD	50,000,000.00		50,000,000.00		☐☐
<a href="#">Show</a>	2	24X0100.2008.2008.461000001.0.0.0.0.0.0.0	Budget Execution Reserve CR	USD		50,000,000.00		50,000,000.00	☐☐

#### Accounted Amounts

Accounted DR (USD) **50,000,000.00**

Accounted CR (USD) **50,000,000.00**



# Example: Budget Distribution Account Derivation Rule Setup

Account Derivation Rules

Application: Federal Financials  
 Rule Code: FV\_BE\_TRX\_CR\_NATURAL\_      Owner: Oracle  
 Rule Name: Budget Execution Transactio       Enabled  
 Description: Budget Execution Transaction Credit Segment     

Chart of Accounts:      Output Type:  
 Transaction:        Flexfield  
 Accounting:        Segment      Natural Account Segment  
 Value Set

Priorities

Priority	Value Type	Value	Input Source	Segment
1	Source	CR_ACCOUNT_SEGMENT_V		
2	Source	DR_ACCOUNT_SEGMENT_...		

Condition: INCREASE\_DECREASE\_FLAG = 'D'

The Value derived from the rule relates to the Debit or Credit USSGL Account setup in the Budget Transaction Type/SubType Account segment value. The Increase/Decrease flag is included within the Condition to determine which Account to utilize.

***Agencies should be able to use the seeded Account Derivation Rules for the Budget Distribution Transactions***

# 11i vs R12 Fed Admin Accounting-Related Differences



11i	R12
<b>Budget Execution</b>	
Budget Transaction Type: Default Transaction Code	Budget Transaction Type: Accounts
Budget Transaction Type: Transaction Code List	Budget Transaction Type: Transaction Sub-Type
NA	Budget Transaction Type: Enabled Flag
Budget Transaction Type: Updateable Flag	Budget Transaction Type: Sub-Type Required Flag
Enter: Enter Appropriation	Enter: Enter Budget Authority
Enter: Fund Distributions	Enter: Enter Distributions
Request Set: Budget Execution Transfer to GL	Request: Transfer Journal Entries to GL
<b>Other Fed Acctg Configurations/Processes</b>	
Fed Options: Cash Transaction Code	Define Federal Options: Confirm Cash Account
Fed Options: Asset/Expense Discount Transaction Codes	N/A, replaced by detail within SLA rules
PYA Transactions Configs/Processes	N/A, replaced by detail within SLA rules



# Example: Purchasing

- Requisition, PO

**Journal Lines Definitions**

Application: Purchasing  
 Event Class: Requisition  
 Definition Code: CDP\_COMMITMENT  
 Definition Name: cdp Enter Commitment  
 Description:   
 Event Type: Requisition Reserved  
 Owner: User  
 Enabled  
 Budgetary Control

Chart of Accounts  
 Transaction: FED\_GENERIC  
 Accounting: FED\_GENERIC

Line Assignments

Journal Line Type	Owner	Inherit	Description	Owner	Active
cdp Fed Req reserve DR	User	<input type="checkbox"/>	Requisition Journal Header Descriptio	Oracle	<input checked="" type="checkbox"/>
cdp REQ_RES_CR	User	<input type="checkbox"/>	Requisition Journal Header Descriptio	Oracle	<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

Account Derivation Rules

Segment	Inherit	Rule Name	Owner	Description	Side
All Segments	<input type="checkbox"/>	Federal Account Rule	Oracle	Federal Budgetary Account Ru	
USSGL_ACCT	<input type="checkbox"/>	cdp Federal 46	User		
	<input type="checkbox"/>				

**Journal Lines Definitions**

Application: Purchasing  
 Event Class: Purchase Order and Agreeem  
 Definition Code: CDP\_PO\_ALL  
 Definition Name: cdp All PO types  
 Description:   
 Event Type: All  
 Owner: User  
 Enabled  
 Budgetary Control

Chart of Accounts  
 Transaction: FED\_GENERIC  
 Accounting: FED\_GENERIC

Line Assignments

Journal Line Type	Owner	Inherit	Description	Owner	Active
cdp Cancel PO dr	User	<input type="checkbox"/>	Purchasing Line Description	Oracle	<input checked="" type="checkbox"/>
cdp Enter PO cr	User	<input type="checkbox"/>	Purchasing Line Description	Oracle	<input checked="" type="checkbox"/>
cdp Enter PO dr	User	<input type="checkbox"/>	Purchasing Line Description	Oracle	<input checked="" type="checkbox"/>
cdp Relieve Req cr	User	<input type="checkbox"/>	Purchasing Line Description	Oracle	<input checked="" type="checkbox"/>
cdp Relieve req dr	User	<input type="checkbox"/>	Purchasing Line Description	Oracle	<input checked="" type="checkbox"/>

Account Derivation Rules

Segment	Inherit	Rule Name	Owner	Description	Side
All Segments	<input type="checkbox"/>	Federal Account Rule	Oracle	Federal Budgetary Account Ru	
USSGL_ACCT	<input type="checkbox"/>	cdp Fed Obligation	User		
	<input type="checkbox"/>				

Journal Lines Definitions include the Line Types and Account Derivation Rules. Simple example of defining the 4610, 4700, 4801 accounts

# Example: Purchasing Budgetary Entries



Activity Summary (FEDGEN: USD) - Journal, APR-FY-08 Requisitions USD

Account	Net Activity Debit (USD)	Net Activity Credit (USD)
24X0100.461000001	5,000.00	
24X0100.470000001		5,000.00
<b>Total Net Activity For All Accounts</b>	<b>5,000.00</b>	<b>5,000.00</b>

Activity Summary (FEDGEN: USD) - Journal, APR-FY-08 Purchases USD

Account	Net Activity Debit (USD)	Net Activity Credit (USD)
24X0100.461000001	5,000.00	5,000.00
24X0100.470000001	5,000.00	
24X0100.480100001		5,000.00
<b>Total Net Activity For All Accounts</b>	<b>5,000.00</b>	<b>5,000.00</b>



# Example: Payables Journal Entries

Activity Summary (FEDGEN: USD) - Journal, APR-FY-08 Purchase Invoices US

Account	Net Activity Debit (USD)	Net Activity Credit (USD)
24X0100.310000007	5,000.00	
24X0100.461000001	5,000.00	5,000.00
24X0100.480100001	5,000.00	
24X0100.490100001		5,000.00
24X0100.570000001		5,000.00
<b>Total Net Activity For All Accounts</b>	<b>10,000.00</b>	<b>10,000.00</b>

Activity Summary (FEDGEN: USD) - Journal, APR-FY-08 Purchase Invoices US

Account	Net Activity Debit (USD)	Net Activity Credit (USD)
24X0100.210000001		5,065.00
24X0100.610000001	5,065.00	
<b>Total Net Activity For All Accounts</b>	<b>5,065.00</b>	<b>5,065.00</b>



# New Standard SLA Reports, Inquiries and Reconciliation Tools



# SubLedger Journal Entries & Accounting Events inquiry forms

ORACLE® SLA: User Main Menu

[Home](#) [Logout](#) [Help](#) [Preferences](#)

**Subledger Journal Entries** | Accounting Events | Supporting Reference Balances

**Headers** | Lines

Subledger Journal Entries: Headers >

**Subledger Journal Entry**

Ledger **FEDERAL GENERIC**  
Journal Entry Status **Final**  
Balance Type **Actual**  
GL Date **09-Apr-2008**

[View T-Account](#) [View Supporting References](#)  
Category **Budget Distribution**  
Completion Date **09-Apr-2008 20:45:54**  
Journal Entry Type **Standard**  
Description

**Transaction Information**

Document Number **LB08\_0004**  
Fund Value **24X0100**  
Budget Execution Source **MANUAL**  
Document Sequence Name  
Document Sequence Number

Budget Level **Appropriation**  
Transaction Date **09-APR-2008 00:00:00**  
Treasury Symbol **24-X-0100**

[+ Show Additional Information](#)

**Lines**

[Export](#)

Details	Number	Account	Accounting Class	Entered Currency	Entered DR	Entered CR	Accounted DR (USD)	Accounted CR (USD)	Supporting References
<a href="#">+ Show</a>	1	24X0100.2008.2008.101000001.0.0.0.0.0.0.0.0	Budget Execution Reserve DR	USD	15,000.00		15,000.00		∞∞
<a href="#">+ Show</a>	2	24X0100.2008.2008.411900001.0.0.0.0.0.0.0.0	Budget Execution Reserve DR	USD	15,000.00		15,000.00		∞∞
<a href="#">+ Show</a>	3	24X0100.2008.2008.445000001.0.0.0.0.0.0.0.0	Budget Execution Reserve CR	USD		15,000.00		15,000.00	∞∞
<a href="#">+ Show</a>	4	24X0100.2008.2008.310100001.0.0.0.0.0.0.0.0	Budget Execution Reserve CR	USD		15,000.00		15,000.00	∞∞



# Open Account Balances Listing



To Run an Open Account Balances Listing

- Create Open Account Balances Listing Definitions
- Run Request: Open Account Balances Data Manager (automatically run as part of GL Posting)
- Run Request: Open Account Balances Listing, select applicable parameters

**ORACLE** Diagnostics Preferences Help

---

**Open Account Balances Listing Definitions**

**Simple Search**

Note that the search is case insensitive

Code  Defined By

Name  Balance Side

Ledger  Enabled

Details	Code	Name	Ledger	Defined By	Balance Side	Enabled	Description	Actions
<input type="button" value="Hide"/>	DOD_4450	DoD 4450 Balance	DoD	Segment	Credit	Yes		<input type="button" value="Edit"/> <input type="button" value="Print"/> <input type="button" value="Delete"/>

**Open Account Balances Listing Journal Sources**

**Journal Source**  
Budget Execution

**Open Account Balances Listing Definition Details**

Chart Of Accounts **DOD\_ACCOUNTING\_FLEX**

Segment	Value From	Value To
USSGL	4450.900011	4450.900013

<input type="button" value="Show"/>	DOD_4510	DoD 4510	DoD	Segment	Credit	Yes	DoD 4510	<input type="button" value="Edit"/> <input type="button" value="Print"/> <input type="button" value="Delete"/>
-------------------------------------	----------	----------	-----	---------	--------	-----	----------	--

# Account Analysis

Seeded data extract provides over 100 columns of data.



ORACLE Subledger Accounting

## Account Analysis Report

Report Date 09-Apr-08

FEDERAL GENERIC

Date From 2008-01-01 00:00:00.0

Date To 2008-04-30 00:00:00.0

Page 2 of 9

Ledger Name	FEDERAL GENERIC	Ledger Currency	USD	Balance Type	Actual		
Account	24X0100.2008.2008.101000001.0.0.0.0.0.0.0	Description	Salaries and Expenses.2008.2008.Cash-Warrant.DEFAULT.Default.DEFAULT.Default Organization.Default.Default.DEFAULT.DEFAULT				
Beginning Balance for Period				APR-FY-08	1,000,000.00	0.00	
Source	Category	GL Date	Event Class	Transaction Number	Line Description	Debit	Credit
Budget Execution	Budget Distribution	Apr 9, 2008	Budget Execution Transactions	LB08_0002		500,000.00	
Budget Execution	Budget Distribution	Apr 9, 2008	Budget Execution Transactions	LB_08_0003		10,000.00	
Period Total						510,000.00	0.00
Ending Balance for Period				APR-FY-08	1,510,000.00	0.00	
Beginning Balance for Period				MAR-FY-08	0.00	0.00	
Source	Category	GL Date	Event Class	Transaction Number	Line Description	Debit	Credit
Budget Execution	Budget Distribution	Mar 1, 2008	Budget Execution Transactions	LB08_0001		1,000,000.00	
Period Total						1,000,000.00	0.00
Ending Balance for Period				MAR-FY-08	1,000,000.00	0.00	
Account Total					2,510,000.00	0.00	



Account Analysis Sample

# Journal Entries Report

Seeded data extract provides over 100 columns of data.



ORACLE Subledger Accounting

## Journal Entries Report

Report Date 09-Apr-08

Date From 2008-01-01 00:00:00.0 Date To 2008-04-30 00:00:00.0

Page 2 of 6

Ledger Name		FEDERAL GENERIC		Ledger Currency		USD	
Journal Source		Budget Execution		Journal Category		Budget Distribution	
Event Class		Budget Execution Transactions		Transaction Number		cdp1	
Transaction Date		Apr 7, 2008		Document Sequence Name		Document Sequence Number	
GL Date		Apr 7, 2008		Event Type		Budget Authority Reserve	
Description		Status		Final			
Line	Account	Line Description	Currency	Entered		Accounted	
				Debit	Credit	Debit	Credit
7	24X0100.2008.2008.445000001.0.0.0.0.0.0.0		USD		50,000,000.00		50,000,000.00
6	24X0100.2008.2008.445000001.0.0.0.0.0.0.0		USD		50,000,000.00		50,000,000.00
5	24X0100.2008.2008.445000001.0.0.0.0.0.0.0		USD		50,000,000.00		50,000,000.00
8	24X0100.2008.2008.445000001.0.0.0.0.0.0.0		USD		50,000,000.00		50,000,000.00
3	24X0100.2008.2008.411900001.0.0.0.0.0.0.0		USD	50,000,000.00		50,000,000.00	
2	24X0100.2008.2008.411900001.0.0.0.0.0.0.0		USD	50,000,000.00		50,000,000.00	
1	24X0100.2008.2008.411900001.0.0.0.0.0.0.0		USD	50,000,000.00		50,000,000.00	
4	24X0100.2008.2008.411900001.0.0.0.0.0.0.0		USD	50,000,000.00		50,000,000.00	
<b>Journal Entry Total</b>						<b>200,000,000.00</b>	<b>200,000,000.00</b>



Journal Entries Sample

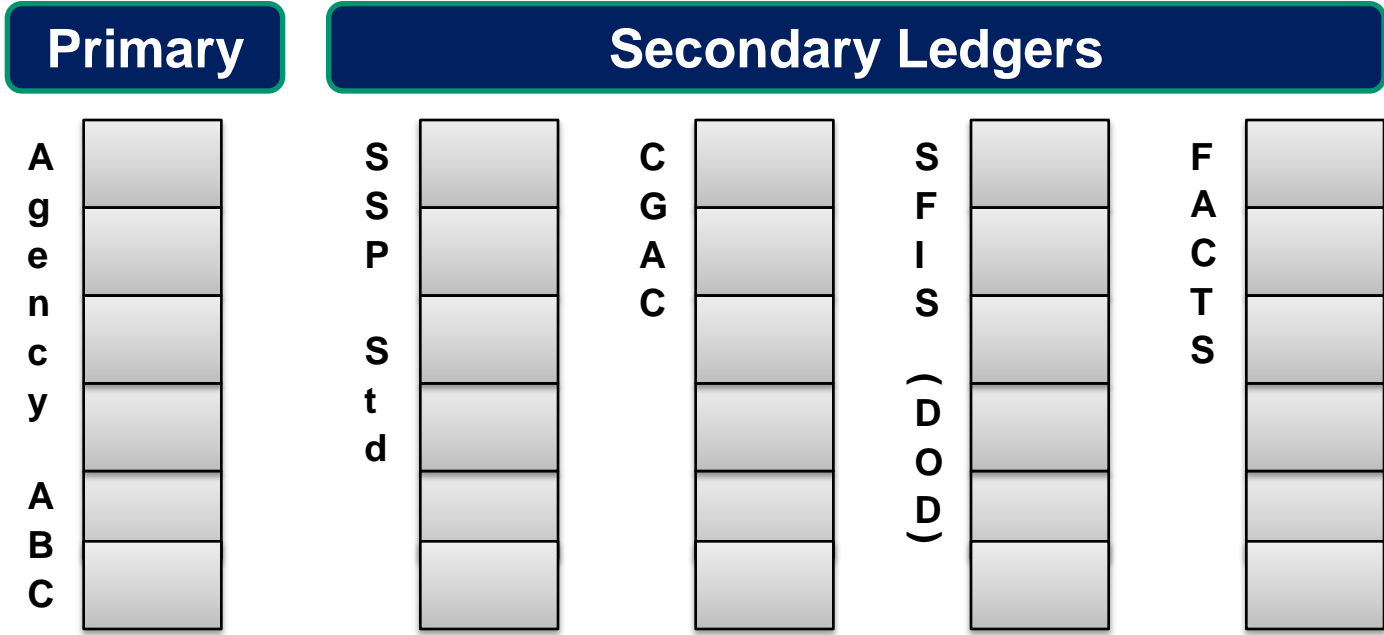


# Secondary Ledgers and Multiple Accounting Representations

# Secondary Ledgers/Multiple Representations



SLA provides functionality to associate Secondary Ledgers with transactions, in addition the Primary Ledger. Different SLA accounting rules can be applied separately to the different ledgers. This powerful feature allows for multiple accounting representations from a single transaction. Each representation can use different a chart of accounts (AFF structure), calendar, currency and SLA method.



Potential Concepts in Beneficial Uses of Secondary Ledgers to the Federal Community.

More detailed feasibility research, ROI and performance consideration analysis should be done if considering something like this.

SLA can book single transactions to multiple ledgers.

# Secondary Ledgers



Secondary Ledgers are Created and Assigned to the Primary Ledger using the Accounting Setup Manager.

Primary Ledger: AGENCY_ABC						
Setup Step	Description	Last Update Date	Updated By	Status	Update	
* <a href="#">AGENCY_ABC</a>	Define and update the journal processing options for your ledger.	11-Apr-2008	LBAUGH	✓		
*Reporting Currencies	Create reporting currencies and update currency conversion and journal processing options.			■		
Balancing Segment Value Assignments	Assign balancing segment values to the ledger.			■		
Subledger Accounting Options	Define rules to generate your accounting entries from subledger transactions.	11-Apr-2008	LBAUGH	✓		
Operating Units	Define and maintain operating units for your primary ledger.	11-Apr-2008	LBAUGH	✓		
Sequencing	Define and maintain accounting and reporting sequencing options for ledgers and reporting currencies.			■		

Secondary Ledgers			
<a href="#">Add Secondary Ledger</a>			
Details	Secondary Ledger	Data Conversion Level	Disable Conversion
	FACTS3	Subledger	

Setup Step	Description	Last Update Date	Updated By	Status	Update	
* <a href="#">FACTS3</a>	Define and update the journal processing options for your ledger.	11-Apr-2008	LBAUGH	✓		
*Primary to Secondary Ledger Mapping	Specify conversion options to transfer data from your primary ledger to this secondary ledger.	11-Apr-2008	LBAUGH	✓		
Reporting Currencies	Create reporting currencies and update currency conversion and journal processing options.			■		
Balancing Segment Value Assignments	Assign balancing segment values to the ledger.			■		
Subledger Accounting Options	Define rules to generate your accounting entries from subledger transactions.	11-Apr-2008	LBAUGH	✓		
Sequencing	Define and maintain accounting and reporting sequencing options for ledgers and reporting currencies.			■		



# Secondary Ledgers

The Primary to Secondary Ledger Mapping is a required setup when establishing a Secondary Ledger.

**ORACLE** Accounting Setup Manager Close Window Help Preferences

**Update Primary to Secondary Ledger Mapping** Cancel Complete

Primary Ledger <b>AGENCY_ABC</b> Chart of Accounts <b>ABC_AFF</b> Accounting Calendar <b>FEDERAL15</b> Currency <b>USD</b> Subledger Accounting Method <b>AGENCY_ABC_FED_METHOD</b>	Secondary Ledger <b>FACTS3</b> Chart of Accounts <b>FACTS_AFF2</b> Accounting Calendar <b>FEDERAL15</b> Currency <b>USD</b> Subledger Accounting Method <b>FACTS_METHOD</b> Data Conversion Level <b>Subledger</b> Status <b>Active</b>
---	---

\* Indicates required field

**Chart of Accounts Mapping**

You must assign a Mapping if your primary and secondary ledgers use different charts of accounts.

\* Mapping  Create Mapping

---

**Journal Conversion Rules**

\* Post Journals Automatically from Source Ledger

\* Retain Journal Creator from Primary Ledger

**Chart of Accounts Mapping (ABC)**

Mapping

Description

Enable Security

**Charts of Accounts**

Target

Source

**Effective Dates**

From

To

**TIP** Specify the journal source and category combinations that you want automatically transferred to this ledger by General Ledger Posting. "Other" represents all other journal sources and categories.

*Source	*Category	*Transfer Journals to this Secondary Ledger	Remove
Assets	Other	<input type="text" value="No"/>	<input type="button" value="Remove"/>
Budget Execution	Other	<input type="text" value="No"/>	<input type="button" value="Remove"/>



# Chart of Accounts: Transaction vs Accounting

- Numerous AMB Objects can be associated/defined with either a specific Transaction Chart of Accounts, Accounting Chart of Accounts, both or neither.
- If the Charts of Accounts are not defined to the particular AMB component, the components capability is limited to defining rules by the complete AFF and/or the AFF segments that are mapped to flexfield qualifiers (eg Natural Account).
- Defining the AMB Components by a particular Chart of Accounts allows for further specificity in rule definition.

Transaction COA = COA of Primary Ledger

Accounting COA = Transaction COA for Primary Ledger

Accounting COA may equal different COAs for Secondary Ledgers

Application	Federal Financials	Owner	User
Definition Code	FACTS_FV_AAD	Version	
Definition Name	FACTS_FV_AAD	<input checked="" type="checkbox"/> Enabled	
Description	FACTS_FV_AAD		
Chart of Accounts			
Transaction		Accounting	FACTS_AFF2



# Other SLA/AMB Components and Features



# Journal Entry Descriptions

R12 supports flexible configuration of constant text and dynamic values to be included in the SLA and GL journal header & line description fields.

**Journal Entry Descriptions**

Application: Federal Financials  
 Journal Description Code: FV\_GEN\_BE\_LINE\_DESC  
 Journal Description Name: FV\_GEN Budget Execution T  
 Transaction Chart of Accounts: FED\_GENERIC  
 Description: FV\_GEN Budget Execution Transaction Line Des

Owner: User  
 Enabled

**Priorities**

Priority	Journal Entry Description
1	Budget Execution Transaction Line for the document number:DOC_NUMBERPublic Law:PUBL C

Condition: BUDGET\_LEVEL\_ID >=1

Copy    Conditions    Details

**Journal Entry Description Details - Federal Financials**

Journal Description Name: FV\_GEN Budget Execution Trans  
 Transaction Chart of Accounts: FED\_GENERIC

**Details**

Seq	Value Type	Constant	Source
1	Constant	Budget Execution Transactio	
2	Source		DOC_NUMBER
3	Constant	Public Law:	
4	Source		PUBLIC_LAW_CODE
5	Constant	and for the budget level:	
6	Source		BUDGET_LEVEL_ID



# Mapping Sets

Mapping Sets provide a mechanism for mapping one value (such as from a source) to a different value or flexfield string to be used in the accounting. Mapping sets are available to be incorporated into the Account Derivation rule.

Value Type	Input Value	Output Value	Start Date	End Date	Enabled
Input	411900001	4119	01-OCT-2007		<input checked="" type="checkbox"/>
Input	445000001	4450	01-OCT-2007		<input checked="" type="checkbox"/>
Input	451000001	4510	01-OCT-2007		<input checked="" type="checkbox"/>
Input	461000001	4610	01-OCT-2007		<input checked="" type="checkbox"/>

Examples of using mapping sets would be:

-if using multiple ledgers, with different levels of detail in the USSGL value, the accounts can be mapped between each other

-if using different USSGL accounts for Fed/NonFed liabilities, the Supplier Class value could be mapped to different liability point accounts.

# Mapping Sets



**Account Derivation Rules**

Application: Federal Financials  
 Rule Code: FACTS\_FV\_BE\_TRX\_CR\_US  
 Rule Name: FACTS\_FV\_BE\_TRX\_CR\_US  
 Description: FACTS\_FV\_BE\_TRX\_CR\_USSGL  
 Owner: User  
 Enabled

Chart of Accounts: Transaction: Accounting: FACTS\_AFF2

Output Type:  Flexfield  Segment: USSGL  Value Set

Priorities

Priority	1) Value Type	2) Value	3) Input Source	Segment
1	Mapping Set	FACTS_USSGL_9_TO_4	CR_ACCOUNT_SEGMENT_	
2	Mapping Set	FACTS_USSGL_9_TO_4	DR_ACCOUNT_SEGMENT_	

Condition: INCREASE\_DECREASE\_FLAG = '1'

Buttons: Mapping Set, Conditions

Mapping Sets are assigned to Account Derivation rules by:

- 1) Selecting the Value Type: Mapping Set
- 2) Identifying the specific Mapping Set in the Value field
- 3) Identifying the Input Source (value of the input source will = Input Value in the Mapping Set Definition)



# Accounting Attributes

Accounting Attributes represent a sub-set of sources that are used to create/drive subledger Journal entries. Types of accounting attributes values include:

- Values that are subject to special processing or values that are stored in named columns in journal entry headers and lines (e.g. Entered Currency Code and Entered Amount).
- Values that control the behavior of the subledger program when processing a specific accounting event or transaction object line (e.g. Accounting Reversal Indicator).

Accounting Attribute Assignments

Application: Purchasing  
Event Class: Requisition

Validate Assignments

Accounting Attribute	Owner	Group	Journal Entry Level	Source	Source Type	Default
Accounted Amount	Oracle	Ledger Currency	Line	Accounted Amount	Standard	<input checked="" type="checkbox"/>
Accounting Reversal Distribution	Oracle	Accounting Revers:	Line	Applied To Distribution Link Type	Standard	<input checked="" type="checkbox"/>
Accounting Reversal First Distrib	Oracle	Accounting Revers:	Line	Applied To Distribution Identifier	Standard	<input checked="" type="checkbox"/>
Accounting Reversal Indicator	Oracle	Accounting Revers:	Line	Accounting Reversal Flag	Standard	<input checked="" type="checkbox"/>
Allocated to Application ID	Oracle	Allocation	Line	Event Application Identifier	System	<input checked="" type="checkbox"/>
Allocated to Distribution Type	Oracle	Allocation	Line	Distribution Link Type	Standard	<input checked="" type="checkbox"/>
Allocated to Entity Code	Oracle	Allocation	Line	Entity Type Code	System	<input checked="" type="checkbox"/>
Allocated to First Distribution Ide	Oracle	Allocation	Line	Requisition Distribution Identifier	Standard	<input checked="" type="checkbox"/>
Allocated to First System Transac	Oracle	Allocation	Line	Requisition Identifier	Standard	<input checked="" type="checkbox"/>
Applied to Application ID	Oracle	Business Flow	Line	Applied To Application Identifier	Standard	<input checked="" type="checkbox"/>
Applied to Distribution Type	Oracle	Business Flow	Line	Applied To Distribution Link Type	Standard	<input checked="" type="checkbox"/>
Applied to Entity Code	Oracle	Business Flow	Line	Applied To Entity Code	Standard	<input checked="" type="checkbox"/>
Applied to First Distribution Ident	Oracle	Business Flow	Line	Applied To Distribution Identifier	Standard	<input checked="" type="checkbox"/>
Applied to First System Transac	Oracle	Business Flow	Line	Applied To Header Identifier 1	Standard	<input checked="" type="checkbox"/>



# Supporting References

Supporting References allow the tracking of subledger account balances by nearly any attribute in the system, such as supplier or customer. These references are derived from the transaction and require no user interaction to maintain.

**Line Assignments**

Journal Line Type	Owner	Inherit Description	Line Description	Owner	Active
cdp Enter Auth cr	User	<input type="checkbox"/>	Budget Execution Transaction Line D	Oracle	<input checked="" type="checkbox"/>
cdp Enter Auth dr	User	<input type="checkbox"/>	Budget Execution Transaction Line D	Oracle	<input checked="" type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>

Line Type | Line Description | Multiperiod Accounting | Copy Line Assignment

---

Account Derivation Rules | Upgrade | **Supporting References**

Name	Owner	Description
Unapportioned_Authority_by_PL	User	Unapportioned_Authority_by_PL
FV_BE_TRX_GOVT_WIDE	User	Government Wide Project Indicator on FV BE TRX

Supporting References >  
**Update Supporting Reference**

\* Indicates required field

Owner **User**

Code **FV\_BE\_TRX\_GOVT\_WIDE**  Enabled

\* Name **FV\_BE\_TRX\_GOVT\_WIDE**  Maintain Balances

Description **Government Wide Project Indicator on FV BE TRX** Year End Carry Forward **Always**

**Supporting Reference Details**

Please enter up to five supporting reference details and assign sources to each of them.

Select	*Detail Code	*Detail Name	Description
<input checked="" type="radio"/>	FV_BE_TRX_GOVT_WIDE	FV_BE_TRX_GOVT_WIDE	Government Wide Project Indicator on FV BE TRX

**Add detail**

Source Assignments: FV\_BE\_TRX\_GOVT\_WIDE

**TIP** You cannot assign more than one Source for each Event Class.

**Assign Sources (1)**

Application	Event Class Name	Source Name	De
Federal Financials	Budget Execution Transactions	LINE_ATTRIBUTE2	

The Supporting Reference Balance Page provides online inquiry to balances and drilldown to supporting detail.



# Business Flows

Establishes a link between the accounting of transactions and preserves GL accounts or segment values across journal entries of related transactions within a business flow.

Examples:

- The liquidation of the commitment when the obligation is established. (dr 4701 cr 4610).
- PO cancellations (dr 4810 cr 4610).

These line types are associated with the prior entries.



# Business Flows

**Journal Line Types**

Application: Payables  
 Event Class: Invoices  
 Line Type Code: CDP\_OBLIG\_REV\_CR  
 Name: cdp Reverse Ob cr  
 Description:

Owner: User  
 Accounting Class: Accounts Payable  
 Rounding Class: Accounts Payable  
 Enabled

**Options**

Balance Type:  Actual,  Budget,  Encumbrance  
 Side:  Debit,  Credit,  Gain/Loss

Chart of Accounts: Transaction: FED\_GENERIC

Business Flow: Method: Prior Entry, Class: Federal Purchasing DR

Switch Debit/Credit: Yes  
 Merge Matching Lines: No  
 Subledger Gain/Loss:

Multiperiod:  None,  Accrual,  Recognition  
 Transfer to GL:  Summary,  Detail (J)

Condition: Purchase Order Distribution Identifier IS NOT NULL AND ( Invoice Distribution Type = 'Item

Copy    Conditions (K)    Accounting Attribute Assignments

As shown in this screenshot, the Business Flow can cross applications. This Line Type is to liquidate the Obligation when the Invoice is created.

Even though it is a Payables transaction, we can associate it with the Federal Purchasing Flow.

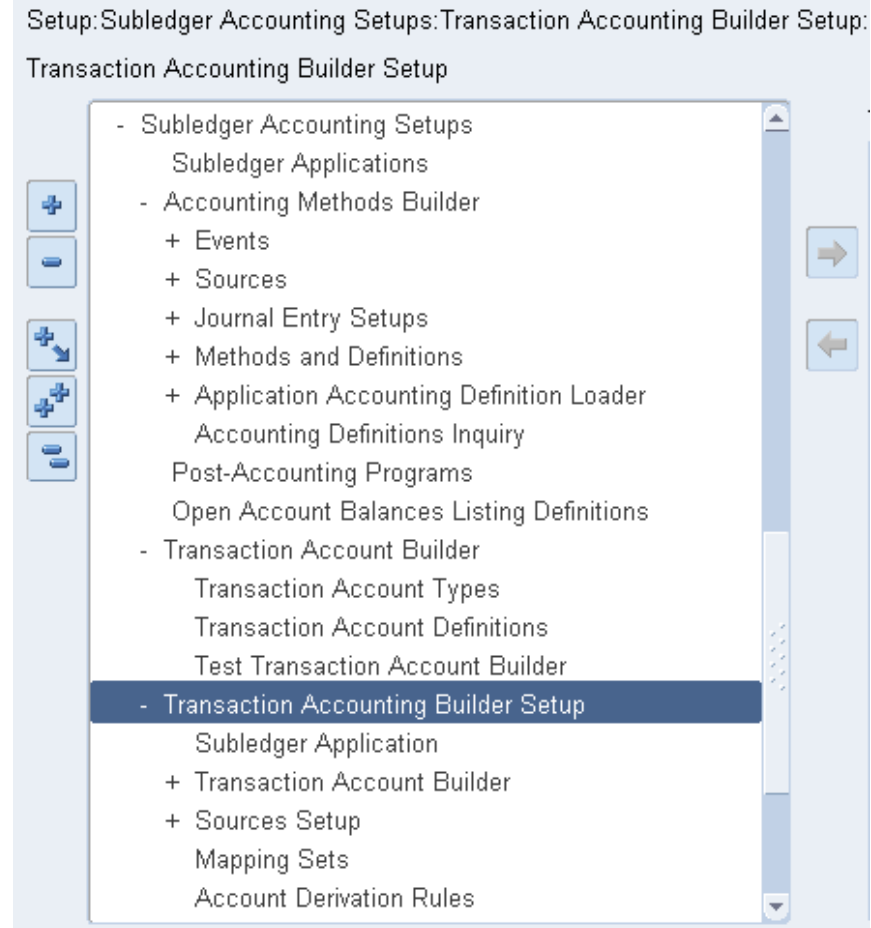


# Transaction Account Builder (TAB)

The Transaction Account Builder is separate from the Accounting Methods Builder (AMB).

- TAB is used to derive default accounting flexfield values for transactions.
- TAB supports the Transaction and Accounting COAs either 1) being both null or 2) being the same.
- Both TAB and AMB can share various components such as sources and account derivation rules.
- Use the TAB to derive default accounts for transactions before they are accounted.
- Use the AMB to generate the accounts that appear in the accounting.

AMB is really what matters in the creating of the accounting entries.





# Manual SLA Journal Entries

SLA provides the capability to create Manual Journal entries. It may be useful to create Manual journal entries in SLA instead of GL when SLA features are desired (eg Supporting Reference Balances/Open Balance Listing) for subsequent analysis. *Note:GL journals are not currently integrated with SLA functionality.*

Subledger Journal Entries | Accounting Events | Supporting Reference Balances

Headers | Lines

Subledger Journal Entries: Headers >

**Update Subledger Journal Entry**

Cancel | Save as Incomplete | Continue

\* Indicates required field

**Header**

Balance Type **Actual**

Ledger **FEDERAL GENERIC**

Legal Entity

Reference Date

Assign Supporting References

\* GL Date

(example: 26-Mar-2008)

\* Category

\* Description

**Lines**

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

Default Currency Options

Details	Number	FED_GENERIC	*Accounting Class	Entered Currency	Entered DR	Entered CR
<input type="button" value="Show"/>	1	24X0100.2008.2008.61000000 <input type="button" value="Search"/>	Accrual <input type="button" value="Search"/>	USD	100	
<small>Fund.Appropriation Fiscal Yr.Budget Distribution Yr.US SGL Account Code.OMB Object Class Code.Budget Program Code.Cohort Funding Yr.Organization.Reporting Program.Project.Future1.Future2</small>						
<input type="button" value="Show"/>	2	24X0100.2008.2008.21900000 <input type="button" value="Search"/>	Accrual <input type="button" value="Search"/>	USD		
<small>Fund.Appropriation Fiscal Yr.Budget Distribution Yr.US SGL Account Code.OMB Object Class Code.Budget Program Code.Cohort Funding Yr.Organization.Reporting Program.Project.Future1.Future2</small>						



## SLA Diagnostics

Diagnostics provides features to review the SLA journal entries created. This helps:

- review the source values available in the transaction objects during implementation/testing.
- analyze issues related to the generation of subledger journal entries.

### To engage the Diagnostics features:

- Set Profile Option- SLA: Enable Diagnostics to Yes
- Enter Transactions
- Run Request: Create Accounting
- Run Request: Transaction Objects Diagnostics

Sample Diagnostics  
Report



Firefox Document



# SLA Implementation



## Implementing R12 SLA

- Copy US Federal Method/Components & tweak the seeded configurations to meet specific agency criteria in a test environment. Test all transaction types.
- Test, Test, Test.
- Upload Accounting Definitions to the Prod instance using the Application Accounting Definition Loader.
- Assign the new Agency method to the Agency's Ledger(s).
- Set applicable SubLedger Accounting Profile Options.
- Train users in new tools available.



# Copying AMB Objects

Method Code: UNITED\_STATES\_FEDERAL  
Method Name: United States Federal  
Description: United States Federal  
Chart of Accounts: Copy Subledger Accounting Method  
Application Accounting: Purchasing  
Transaction: [ ] Accounting: [ ]  
Display After Copy:   
Buttons: Done, Cancel

Application: Purchasing  
Definition Code: FV\_PURCHASING\_AAD  
Definition Name: Federal Purchasing Application  
Description: Federal Purchasing Application Account Definitio  
Owner: Oracle  
Version: [ ]  
Enabled:   
Chart of Accounts: Transaction: [ ] Accounting: [ ]  
Event: [ ]  
Copy Application Accounting Definition  
Definition Code: AGENCY\_ABC\_PO\_AAD  
Name: AGENCY\_ABC\_PO\_AAD  
Description: Agency ABC Federal USSGL App Acctg Def  
Chart of Accounts: Transaction: [ ] Accounting: [ ]  
Include:  Header Assignments  
 Line Assignments  
Display After Copy:   
Buttons: Done, Cancel

Application: Purchasing  
Event Class: Requisition  
Definition Code: FV\_REQ\_ALL  
Definition Name: Federal Requisition  
Description: Federal Requisition  
Event Type: All  
Owner: Oracle  
Enabled:   
Budgetary Control:   
Chart of Accounts: Transaction: [ ] Accounting: [ ]  
Line Assignments:  
Journal Line Type: Federal Requisition Cancel CR  
Inherit Description: Oracle  
Line Description: [ ]  
Owner: Oracle  
Active:   
Copy Journal Lines Definition  
Definition Code: AGENCY\_ABC\_FV\_REQ\_AL  
Definition Name: AGENCY\_ABC\_FV\_REQ\_AL  
Description: Agency ABC Federal Requisition Journal Def  
Chart of Accounts: Transaction: [ ] Accounting: [ ]  
Copy Line Assignments:   
Display After Copy:   
Buttons: Done, Cancel

AMB Objects that may need to be copied, reworked and assigned include:

- Subledger Accounting Method
- Application Accounting Definitions
- Journal Lines Definitions
- Journal Line Types
- Line Descriptions
- Account Derivation Rules
- Business Flows

**Copy, Customize, Assign and Validate**



# Wrap Up



# Challenges/Thoughts for us to Look at Further as a Community

- PA – Getting closer to our need for Federalizing Projects.
  - 12.0.3+: SLA available in PA to create Budgetary/Proprietary entries for Cost & Revenue transactions
  - 12.1 planned features (2008 release)
    - Pre-defined/seeded rules for Budgetary/Proprietary accounting
    - New accounting options for project budgets (sounds like potential capability to create unfilled order entries when the revenue budget is baselined/agreement funded to a task)
- Order Mgmt – Can Federal Users of Order Mgmt leverage SLA to improve accounting processes?
- Determining effective yet efficient uses of enhanced SLA capabilities that provide justifiable ROI.
- Others?



## Conclusion

- SLA Functionality provides numerous **benefits** to the Federal Financial Community.
- SLA is a new **centralized, rules-based accounting engine/service** utilized throughout R12 to create an agency's required USSGL accounting entries.
- SLA provides a new **repository (set of tables) and toolset** to support enhanced drilldown/reconciliation and additional reporting capability.
- The **SLA Accounting Methods Builder** is the mechanism for creating and maintaining the rules that control how accounting is created.
- Most Fed installs will have to **build/copy custom SLA rules** based on their agency-unique USSGL structure. This will definitely be some work to define and test.
- A variety of optional SLA features are available to implement/utilize at an agency's discretion to provide **additional value-add**.

*Federal Financials Customers must implement SLA with the initial upgrade to R12. USSGL Transaction Codes are no longer an option for accounting events.*



## Other SLA or Federal Related Sessions

### **Oracle E-Business Suite Release 12 Subledger Accounting Engine: What it is, What it Does and How to Use it "RTR"**

Alyssa Johnson, Solution Beacon, LLC / *Thursday, April 17, 2008, 9:45 AM-10:45 AM, Room 207*

### **Oracle's E-Business Suite Release 12 - Focus on Financials "Road to the Rockies"**

Alyssa Johnson, Solution Beacon, LLC / *Monday, April 14, 2008, 10:30 AM-11:30 AM, Room 207*

### **From AutoAccounting/Account Generator to Subledger Accounting (SLA) in Oracle Projects**

Edward Charity, Project Management Systems Consultants (PMSC), LLC / *Monday, April 14, 9:15 - 10:15 AM, Room 303*

### **Introduction to the Subledger Accounting Engine in Oracle R12**

Thomas Simkiss, BizTech / *Tuesday, April 15, 2008, 9:45 PM-10:45 PM, Room 205*

### **Release 12 - Subledger Accounting and Multiple-Organization Access: A Review for Multi-National Implementations**

Hans Kolbe, Celantra Systems / *Monday, April 14, 2008, 9:15 AM-10:15 AM, Room 404*

### **Bean Counting Gets an Overhaul: Oracle E-Business Suite Accounting Architecture in Release 12**

Helle Hennings, Oracle EMEA / *Thursday, April 17, 2008, 9:45 AM-10:45 AM, Room 304*

### **Utilizing the Oracle Project Accounting Suite in an Oracle Federal Environment**

Darrell White, i360technologies / *Wednesday, April 16, 2008, 11:00 AM-12:00 PM, Room 109*

### **Authoring and Generating Contracts with Oracle Procurement Contracts: Everything You Wanted to Know!**

Leila Day, Sierra Systems Group / *Tuesday, April 15, 2008, 3:30 PM-4:30 PM, Room 403*

### **Oracle On-Demand: A 360 Degree and a 365 Days View**

John Lantz, BroadPoint Technologies / *Tuesday, April 15, 2008 3:30 PM-4:30 PM, Room 402*



## Additional Resources

- **Oracle® Subledger Accounting** Implementation Guide Release 12
- **Oracle® Financials** Implementation Guide Release 12
- **Oracle® Financials** Concepts Guide Release 12
- **Oracle® Applications** Upgrade Guide: Release 11*i* to Release 12.0.4
- **Oracle® Financials and Oracle Procurement** Functional Upgrade Guide: Release 11*i* to Release 12
- Oracle WhitePaper – The Business Benefits of Oracle SubLedger Accounting
- Metalink:
  - Knowledge > E-Business Suite > Financials > Subledger Accounting
  - Note 396829.1: Oracle Subledger Accounting Documentation Resources, Release 12
  - Note 403349.1: Oracle E-Business Suite: Release 12 Transfer of Information (TOI) Online Training
- The Seeded US Federal Accounting Method
- Solution Beacon Webinar – R12 SLA: What It Is, What It Does, and How to Use It
- Various R12 Blogs & R12 Apps Related Sites online

# Thanks!



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