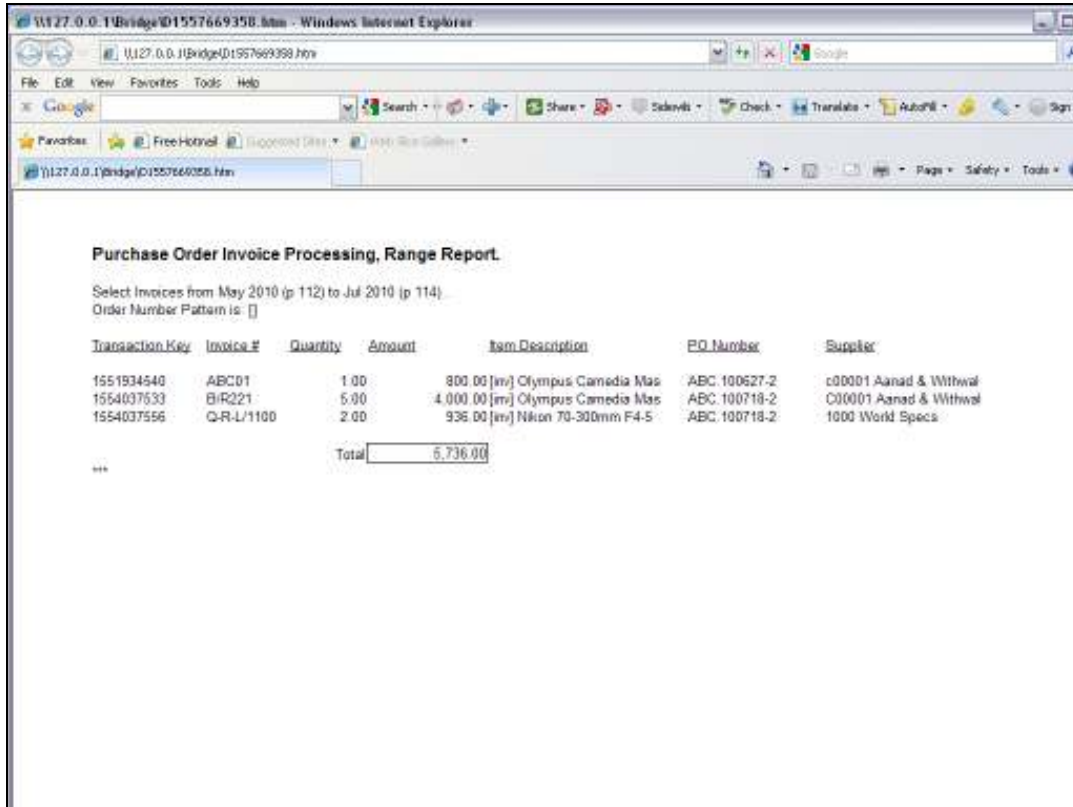


The screenshot shows a web browser window with a Google search bar and various navigation buttons. The address bar displays a local file path. The main content area shows a report titled 'Purchase Order Invoice Processing, Range Report.' with instructions to select invoices from May 2010 to July 2010. Below this is a table with columns: Transaction Key, Invoice #, Quantity, Amount, Item Description, P.O. Number, and Supplier. The table contains three rows of data and a total row. The total amount is 5,736.00.

Transaction Key	Invoice #	Quantity	Amount	Item Description	P.O. Number	Supplier
1551934540	ABC01	1.00	800.00	[m] Olympus Camera Mas	ABC 100527-2	c00001 Aanad & Withwal
1554037533	BIR221	5.00	4,000.00	[m] Olympus Camera Mas	ABC 100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[m] Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
Total			5,736.00			

## Slide 1

Slide notes: This is an example of a Report where we use a Unit based on Iterative Keys, or iKeys for short. In this example, the Transaction Keys are selected from the Transaction Trail, and act as Iterative Keys for our Unit.

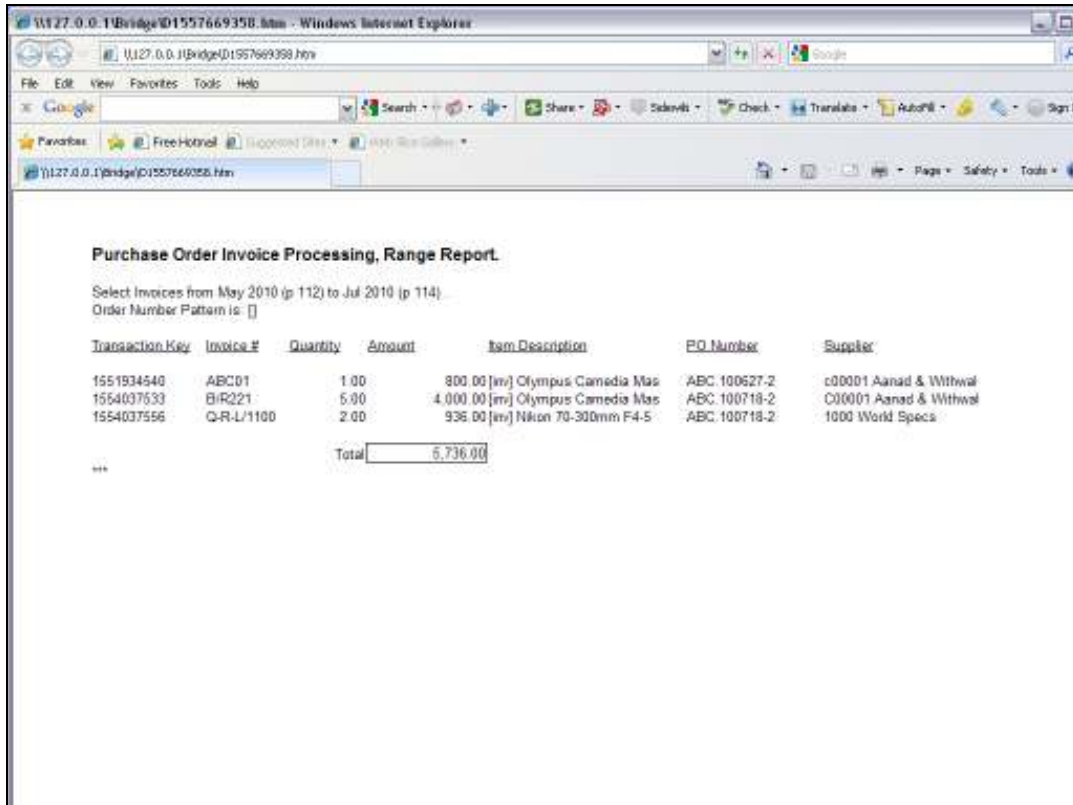


The screenshot shows a web browser window with the address bar displaying '1127.0.0.1/BridgeID1557669358.htm'. The page title is 'Purchase Order Invoice Processing, Range Report'. Below the title, there is a text input field for 'Select Invoices from May 2010 (p 112) to Jul 2010 (p 114)' and a label 'Order Number Pattern is:'. The main content is a table with columns: Transaction Key, Invoice #, Quantity, Amount, Item Description, PO Number, and Supplier. The table contains three rows of data and a total row. The total row shows a total amount of 5,736.00.

Transaction Key	Invoice #	Quantity	Amount	Item Description	PO Number	Supplier
1551934540	ABC01	1.00	800.00	[inv] Olympus Camera Mas	ABC 100627-2	c00001 Aanad & Withwal
1554037533	BR221	5.00	4,000.00	[inv] Olympus Camera Mas	ABC 100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[inv] Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
			Total	5,736.00		

## Slide 2

Slide notes: We will look at the use of the 'Iterative Alpha with iKey' Template. With this Unit, all the columns EXCEPT for Quantity and Amount are examples of the use of this Template.

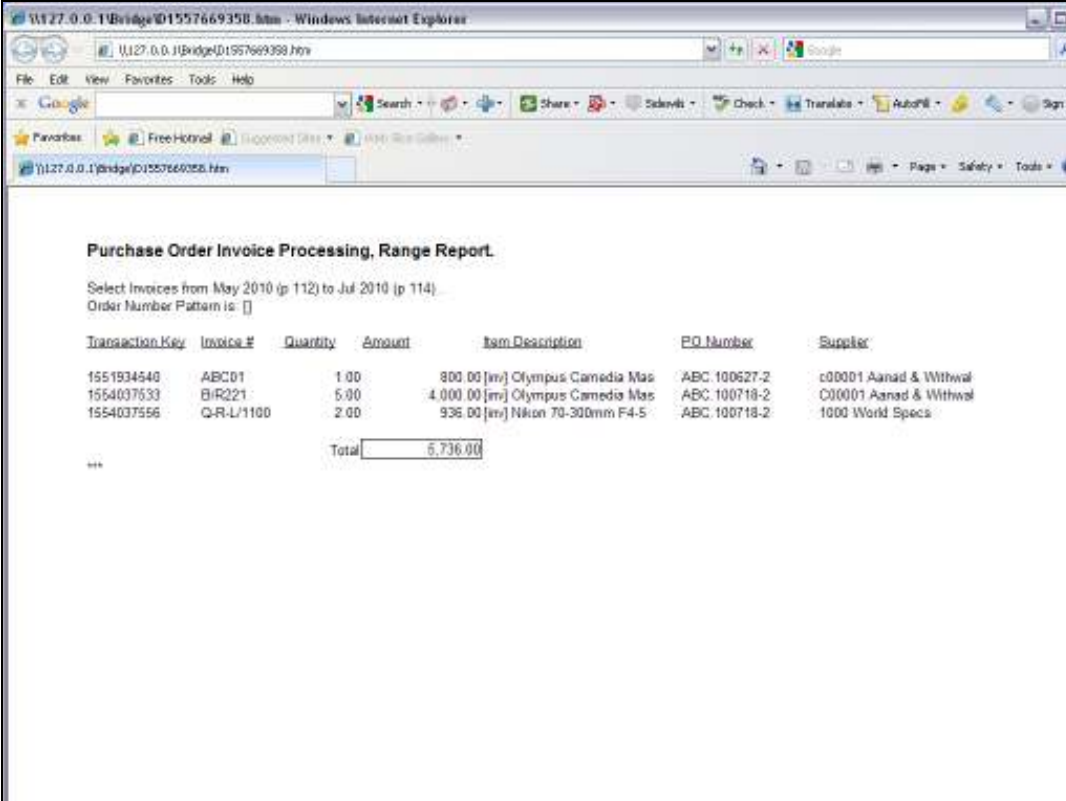


The screenshot shows a web browser window with the address bar displaying '1127.0.0.1/BridgeID1557669358.htm'. The page title is 'Purchase Order Invoice Processing, Range Report'. Below the title, there is a text area for selecting invoices from May 2010 (p 112) to Jul 2010 (p 114) and an order number pattern field. A table follows with columns: Transaction Key, Invoice #, Quantity, Amount, Item Description, PO Number, and Supplier. The table contains three rows of data and a total row. The total amount is 5,736.00.

Transaction Key	Invoice #	Quantity	Amount	Item Description	PO Number	Supplier
1551934540	ABC01	1.00	800.00 [m]	Olympus Camera Mas	ABC 100627-2	c00001 Aamad & Withwal
1554037533	B/R221	5.00	4,000.00 [m]	Olympus Camera Mas	ABC 100718-2	C00001 Aamad & Withwal
1554037556	Q-R-L/1100	2.00	936.00 [m]	Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
Total			5,736.00			

Slide 3

Slide notes:



The screenshot shows a Windows Internet Explorer browser window. The address bar displays '1127.0.0.1/Bridge/D1557669358.htm'. The page title is 'Purchase Order Invoice Processing, Range Report'. Below the title, there is a text area for selecting invoices from May 2010 (p 112) to Jul 2010 (p 114) and an order number pattern field. A table follows with columns: Transaction Key, Invoice #, Quantity, Amount, Item Description, PO Number, and Supplier. The table contains three rows of data and a total row. The total amount is 5,736.00.

Transaction Key	Invoice #	Quantity	Amount	Item Description	PO Number	Supplier
1551934540	ABC01	1.00	800.00 [m]	Olympus Camera Mas	ABC 100627-2	c00001 Aamad & Withwal
1554037533	B/R221	5.00	4,000.00 [m]	Olympus Camera Mas	ABC 100718-2	C00001 Aamad & Withwal
1554037556	Q-R-L/1100	2.00	936.00 [m]	Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
Total			5,736.00			

Slide 4

Slide notes:

W127.0.0.1\bridge\01557669358.htm - Windows Internet Explorer

W127.0.0.1\bridge\01557669358.htm

File Edit View Favorites Tools Help

Google Search Share Sendto Check Translate AutoFill Sign In

Free Hotmail Microsoft Office MSN Live Gallery

W127.0.0.1\bridge\01557669358.htm

Page Safety Tools

Purchase Order Invoice Processing, Range Report

Select Invoices from May 2010 (p 112) to Jul 2010 (p 114)  
Order Number Pattern is:

Transaction Key	Invoice #	Quantity	Amount	Item Description	P.O. Number	Supplier
1551934540	ABC01	1.00	800.00	[inv] Olympus Camera Mas	ABC 100627-2	c00001 Aanad & Withwal
1554037533	B/R221	5.00	4,000.00	[inv] Olympus Camera Mas	ABC 100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[inv] Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
			Total	5,736.00		

...

Slide 5

Slide notes:

U127.0.0.1\bridge\01557669358.htm - Windows Internet Explorer

U127.0.0.1\bridge\01557669358.htm

File Edit View Favorites Tools Help

Google Search Share Sendto Check Translate AutoFill Sign In

Free Hotmail Microsoft Office MSN Live Gallery

U127.0.0.1\bridge\01557669358.htm

Page Safety Tools

Purchase Order Invoice Processing, Range Report

Select Invoices from May 2010 (p 112) to Jul 2010 (p 114)  
Order Number Pattern is:

Transaction Key	Invoice #	Quantity	Amount	Item Description	P.O. Number	Supplier
1551934540	ABC01	1.00	800.00	[inv] Olympus Camera Mas	ABC 100627-2	c00001 Aanad & Withwal
1554037533	BrR221	5.00	4,000.00	[inv] Olympus Camera Mas	ABC 100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[inv] Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
Total			5,736.00			

...

Slide 6

Slide notes:

Windows Internet Explorer

U127.0.0.1/Bridge/D1557669358.htm

File Edit View Favorites Tools Help

Google Search Share Sendto Check Translate AutoFill Sign In

Purchase Order Invoice Processing, Range Report

Select Invoices from May 2010 (p 112) to Jul 2010 (p 114)

Order Number Pattern is: [ ]

Transaction Key	Invoice #	Quantity	Amount	Item Description	PO Number	Supplier
1551934540	ABC01	1.00	800.00	[inv] Olympus Camera Mas	ABC 100627-2	c00001 Aanad & Withwal
1554037533	BrR221	5.00	4,000.00	[inv] Olympus Camera Mas	ABC 100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[inv] Nikon 70-300mm F4-5	ABC 100718-2	1000 World Specs
			Total	5,736.00		

Slide 7

Slide notes:



Slide 8

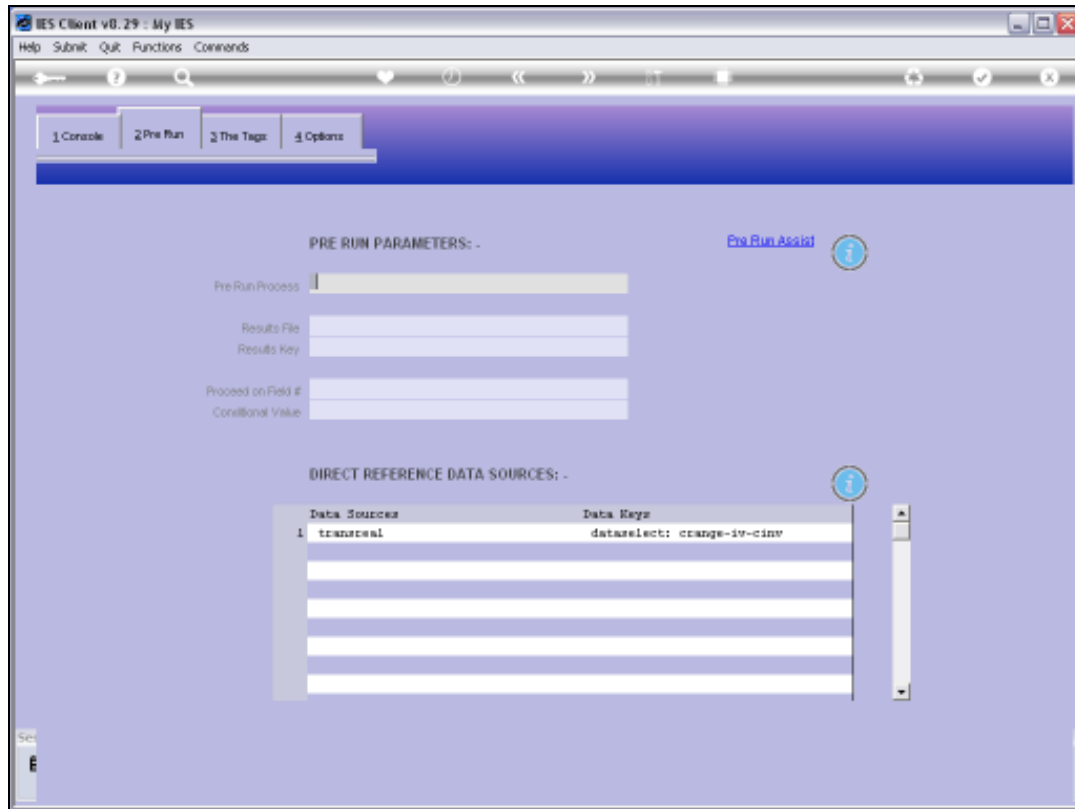
Slide notes: We are using one of the system example Reports for this purpose.





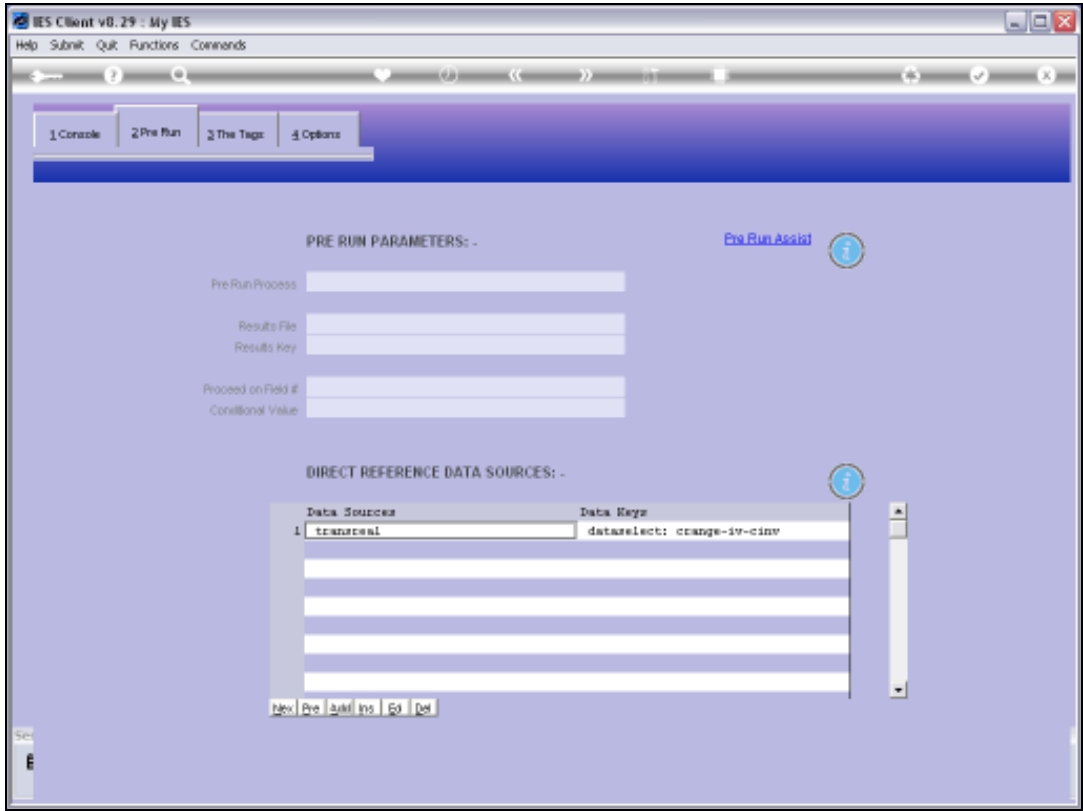
Slide 9

Slide notes:



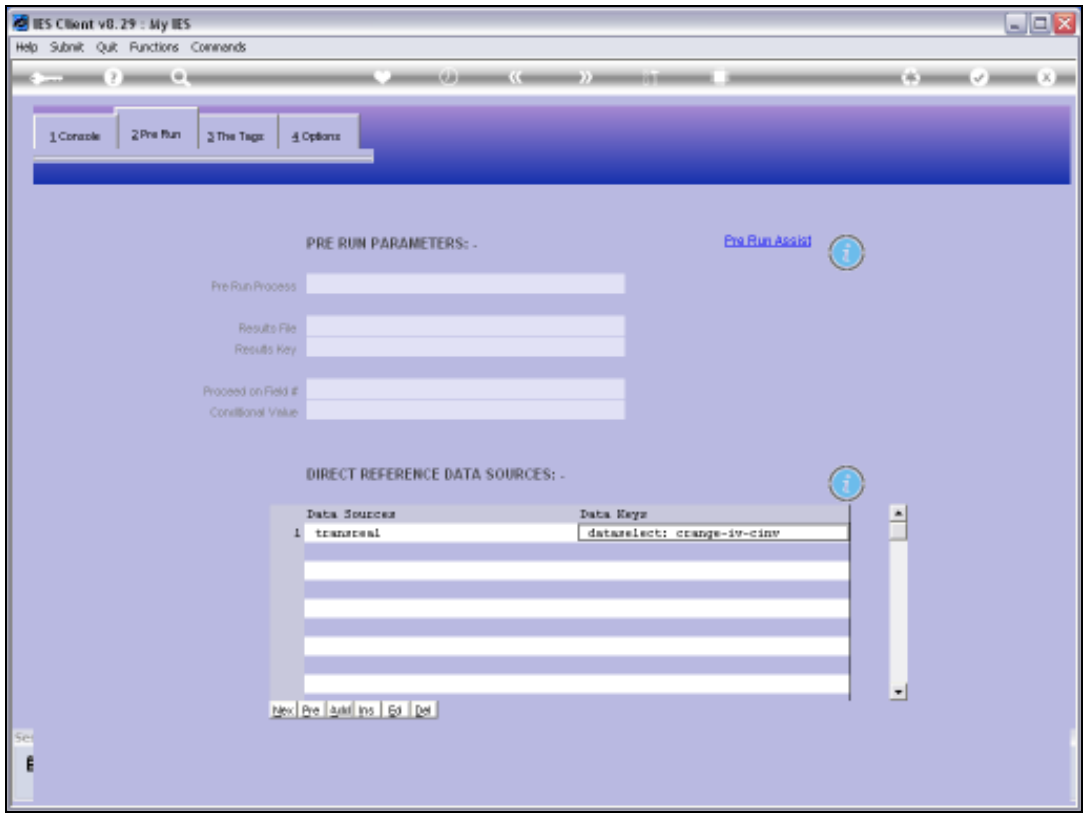
Slide 10

Slide notes: For this type of Unit, there is always a Data Source listed. In this case, a Data Selector is used to select the iterative Keys from this Data Source.



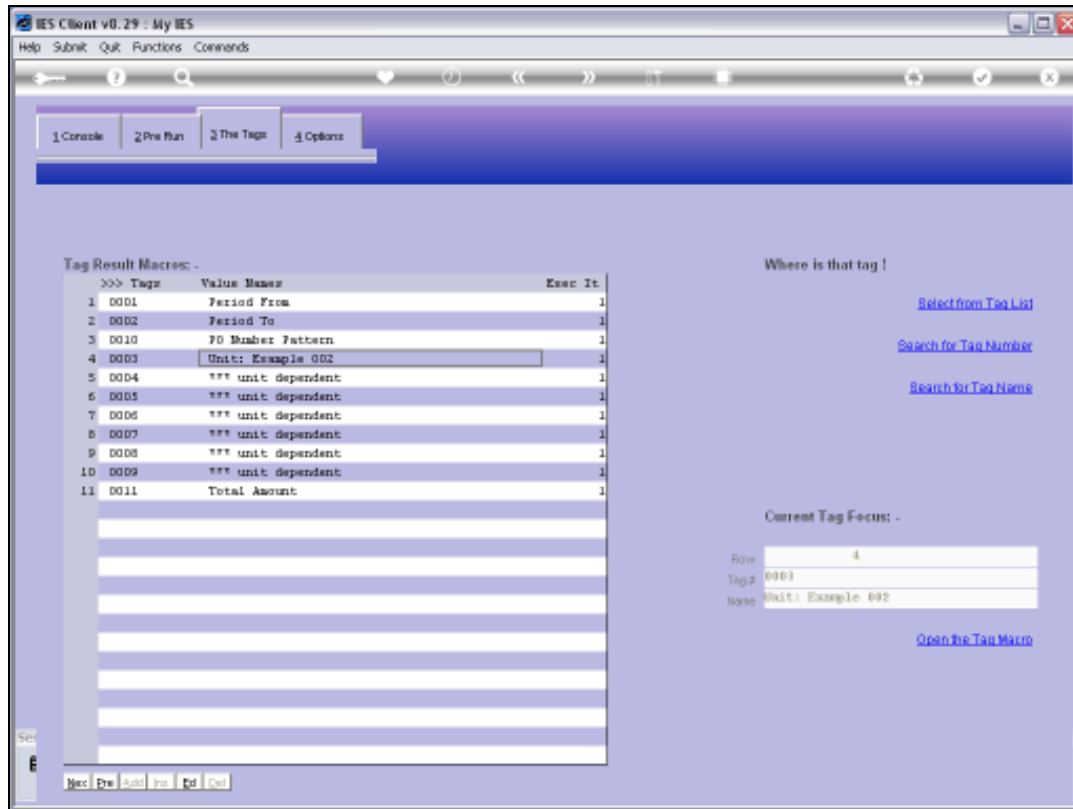
Slide 11

Slide notes:



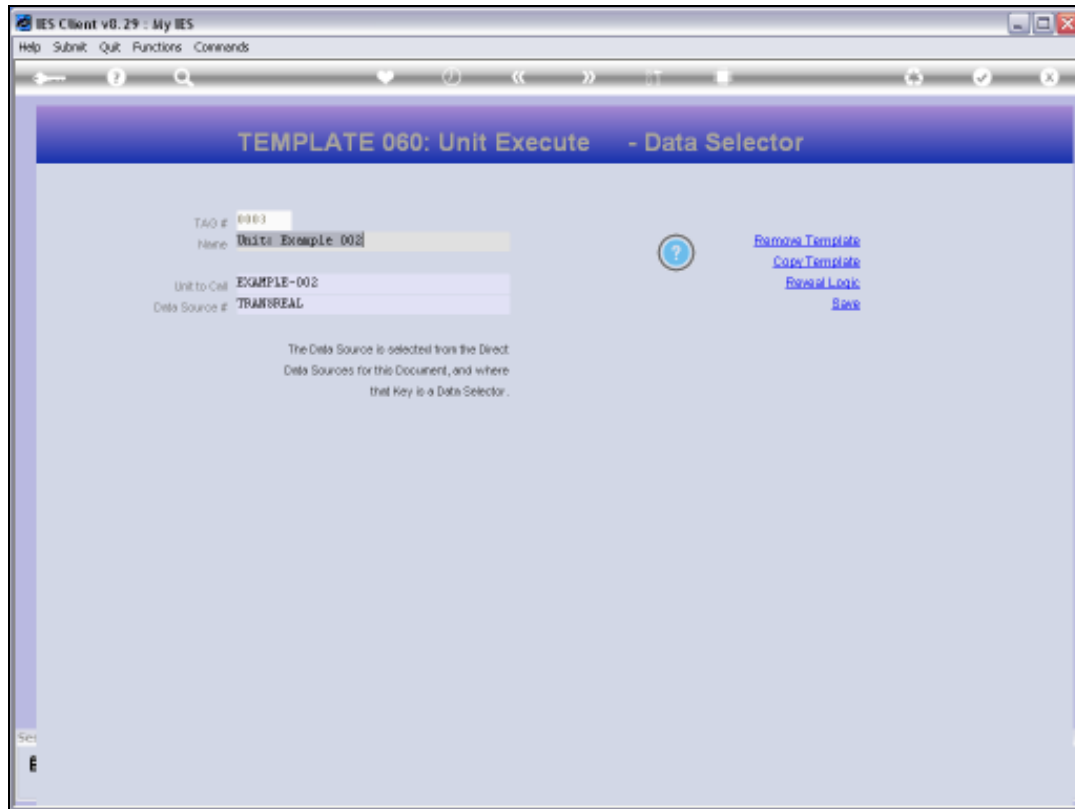
Slide 12

Slide notes:



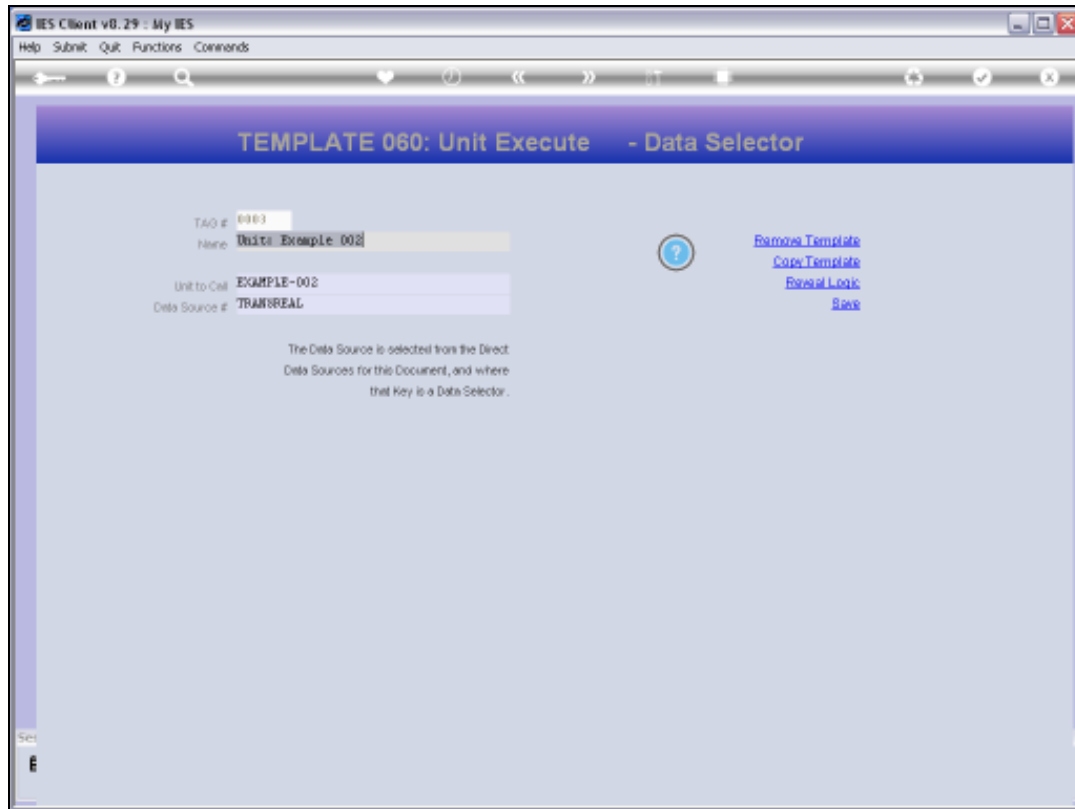
Slide 13

Slide notes: Here is the Unit in the main Document.



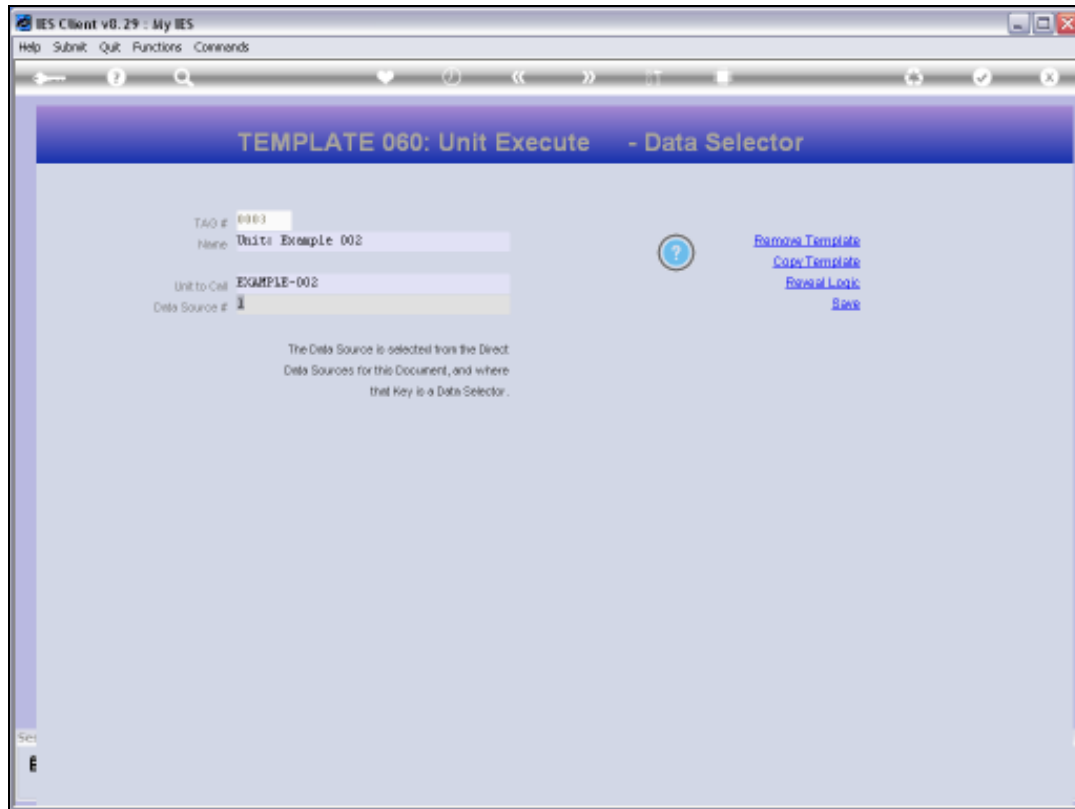
Slide 14

Slide notes: Apart from the Unit to Call, we also specify the Data Source in the Unit Call.



Slide 15

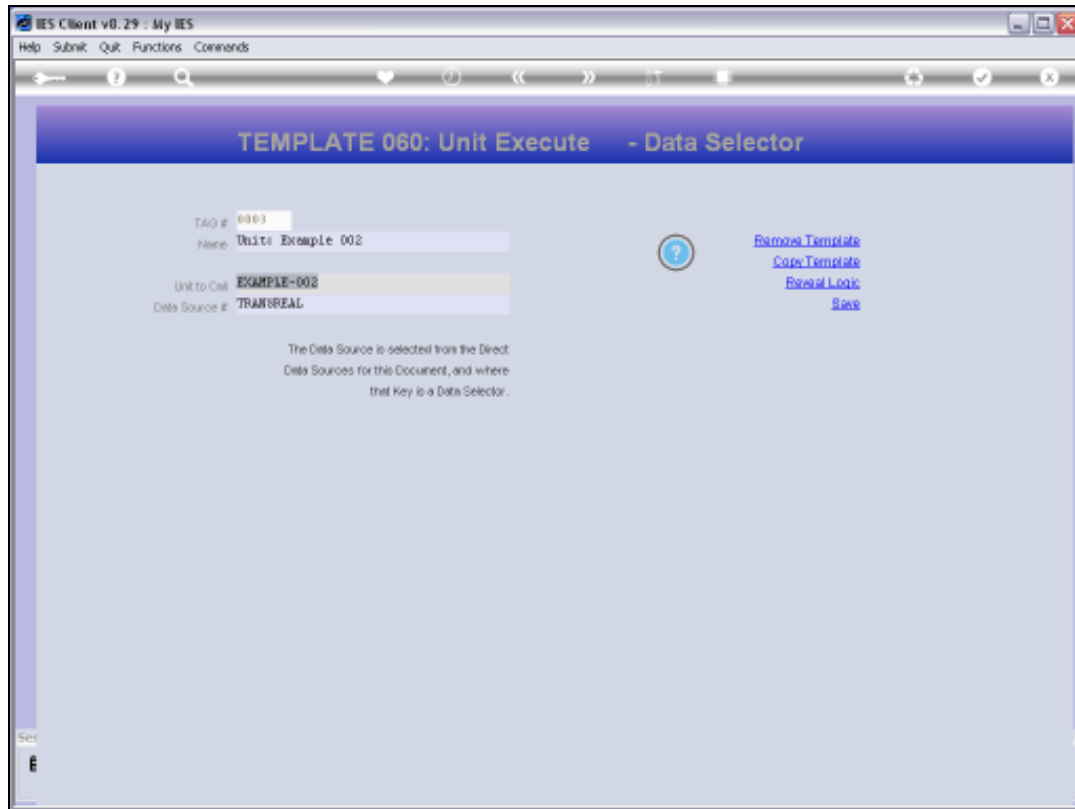
Slide notes:



Slide 16

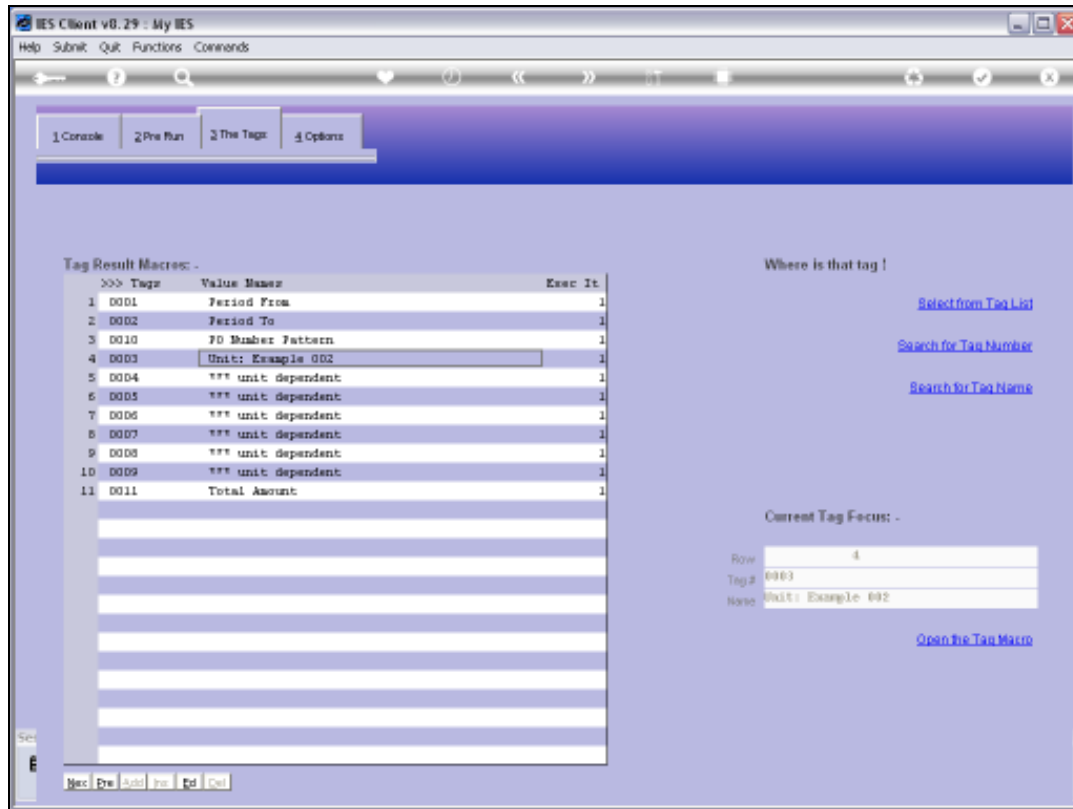
Slide notes:





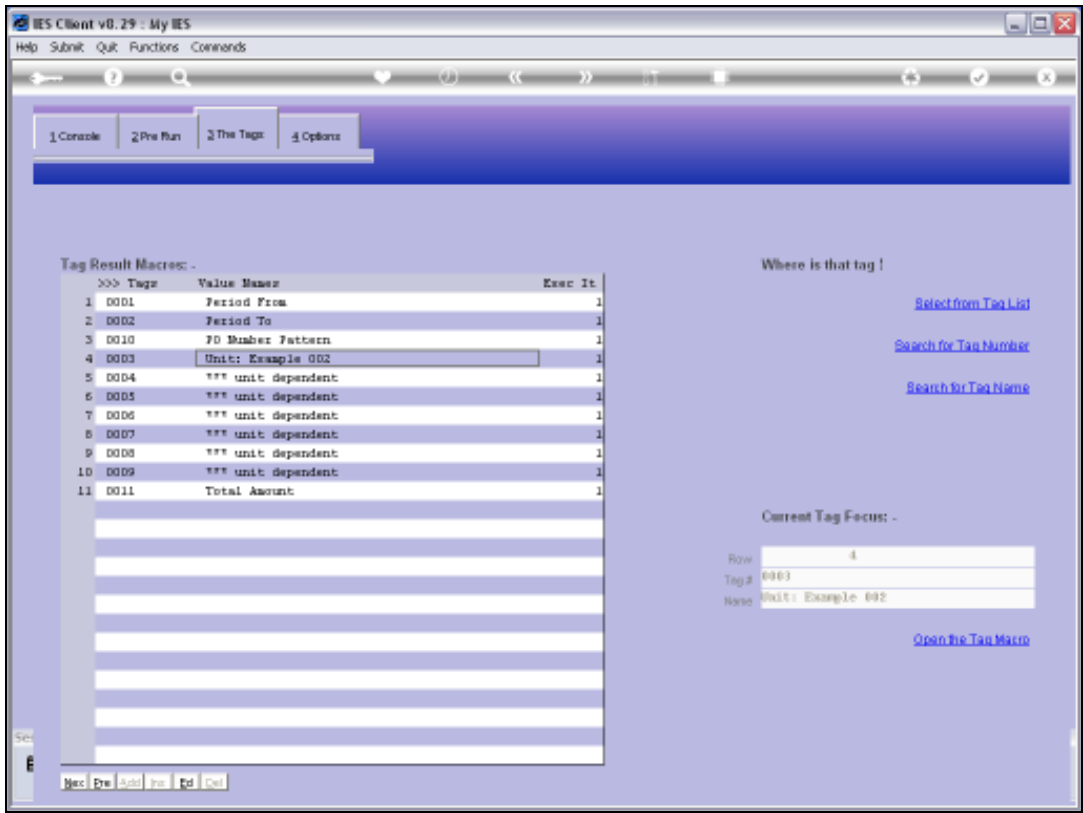
Slide 17

Slide notes:



Slide 18

Slide notes:

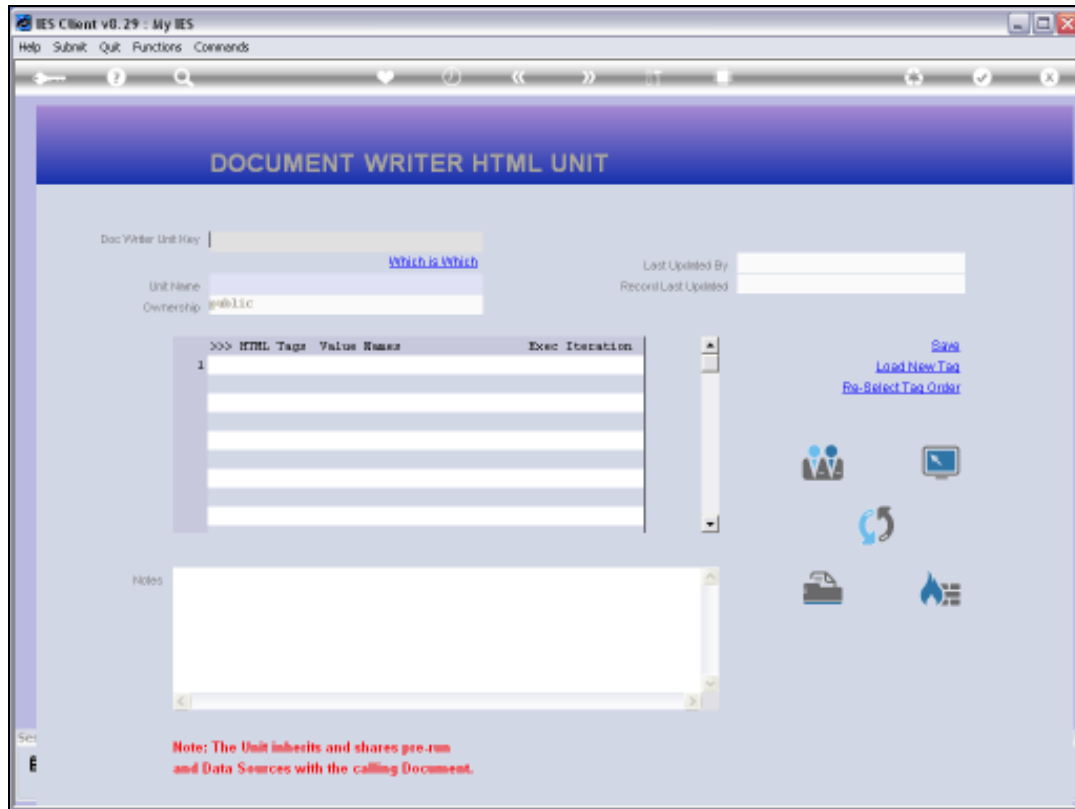


Slide 19  
Slide notes:



Slide 20

Slide notes:



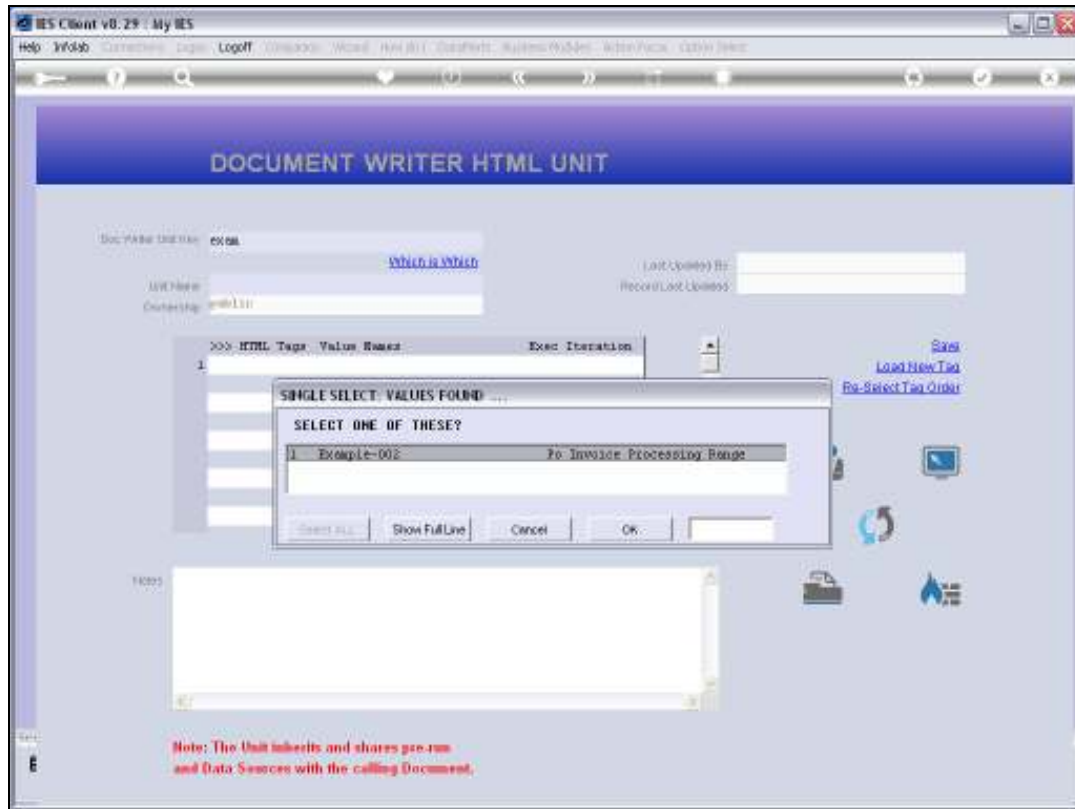
Slide 21

Slide notes:



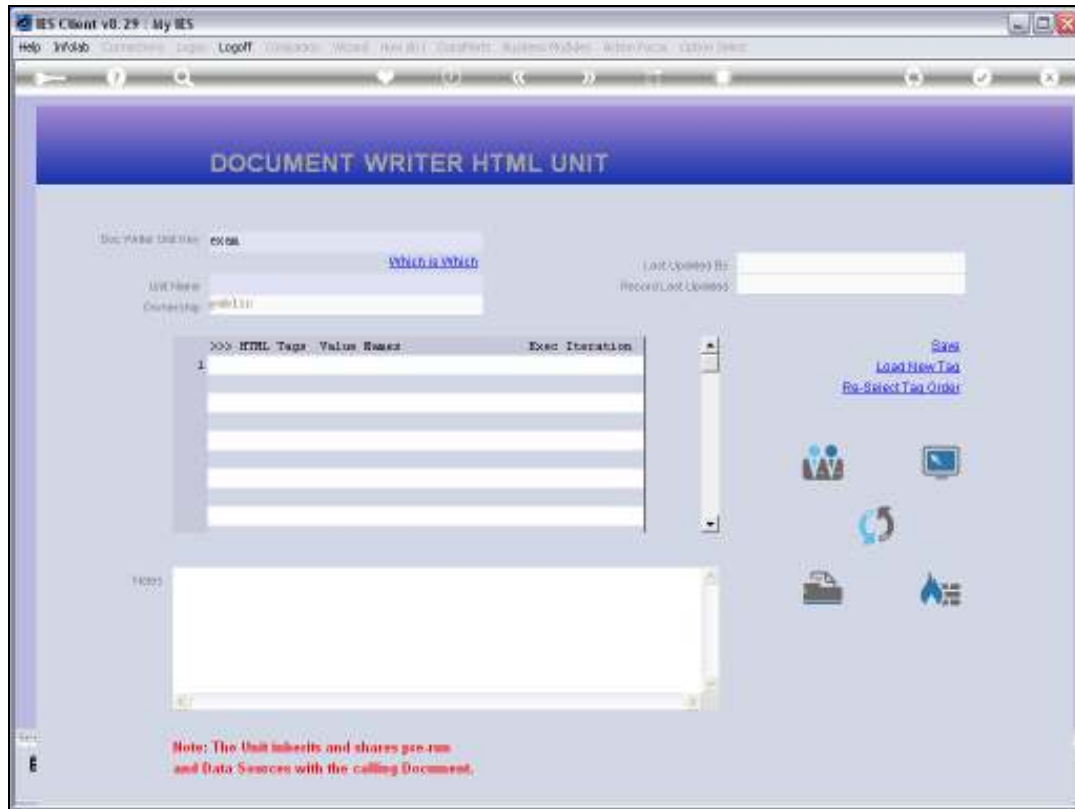
Slide 22

Slide notes:



Slide 23

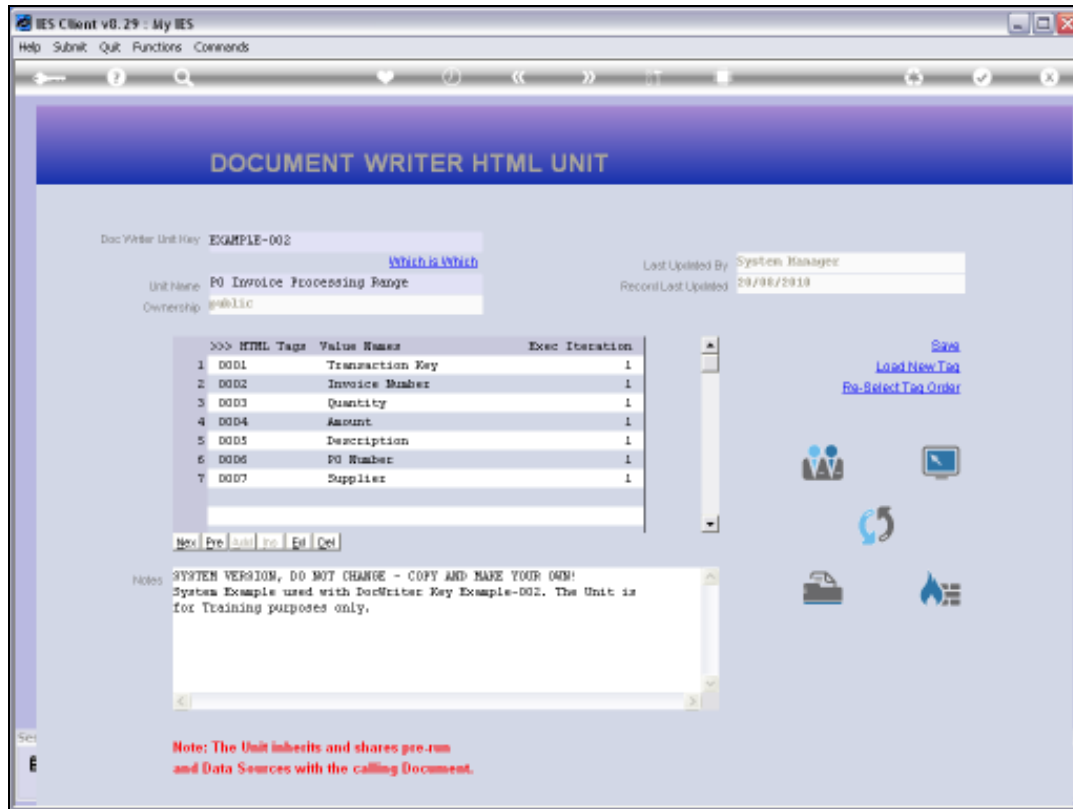
Slide notes:



Slide 24

Slide notes:





Slide 25

Slide notes: Here is our Unit. We start by looking at the Transaction Key Tag.

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: tkey Key
- Alignment**: l: left justified
- Result Width**: 12
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a list of open applications: Centool, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE02, and a clock showing 2010/09/23 19:19:15.

Slide 26

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with iKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: tkey Key
- Alignment**: l: left justified
- Result Width**: 12
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a taskbar with icons for Devtool, Application Wizard, Tag Business Template, and BOFRIND-TAG-TEMPLATE62, along with the date and time "2010/09/23 19:19:16".

Slide 27

Slide notes: It is using the 'Iterative Alpha with iKey' Template.

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main configuration area is divided into several sections:

- Tag #:** 0001
- Name:** Transaction Key
- Tag Addressing:** relative
- Data Source Name:** TRANSREAL TRANSREAL
- Data Field Name:** tkey Key
- Alignment:** l: left justified
- Result Width:** 12
- Bold?:** normal
- Underline?:** normal
- Tag Result:** always return a result
- Operator:** \*
- Conditional Value:**

Buttons for "Remove Template", "Copy Template", "Reveal Logic", and "Save" are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a taskbar with icons for "Devtool", "Application Wizard", "Tag Business Template", and "BOFRIND-TAG-TEMPLATE62". The date and time "2010/09/23 19:19:17" are also displayed.

Slide 28

Slide notes: We specify the Data Source and we select the Data Field Name to use, which is available from the lookup.

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: ctransreal
- Data Field Name**: tkey Key
- Alignment**: l: left justified
- Result Width**: 12
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a list of open applications: Centool, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE02, and a clock showing 2010/09/23 19:19:19.

Slide 29

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: IKEY
- Alignment**: left justified
- Result Width**: 12
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a taskbar with icons for Devtool, Application Wizard, Tag Business Template, and BOFRIND-TAG-TEMPLATE62, along with the date and time "2010/09/23 19:19:20".

Slide 30

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: ikey
- Buttons**: [Remove Template](#), [Copy Template](#), [Reveal Logic](#), [Save](#), [Lookup?](#), [Recent Values](#)
- Alignment**: l: left justified
- Result Width**: 12
- Bold?**: normal
- Underline?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

The status bar at the bottom shows "Session Info: Terry is using IES" and a list of open applications: Centool, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, and a clock showing 2010/09/23 19:19:21.

Slide 31

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

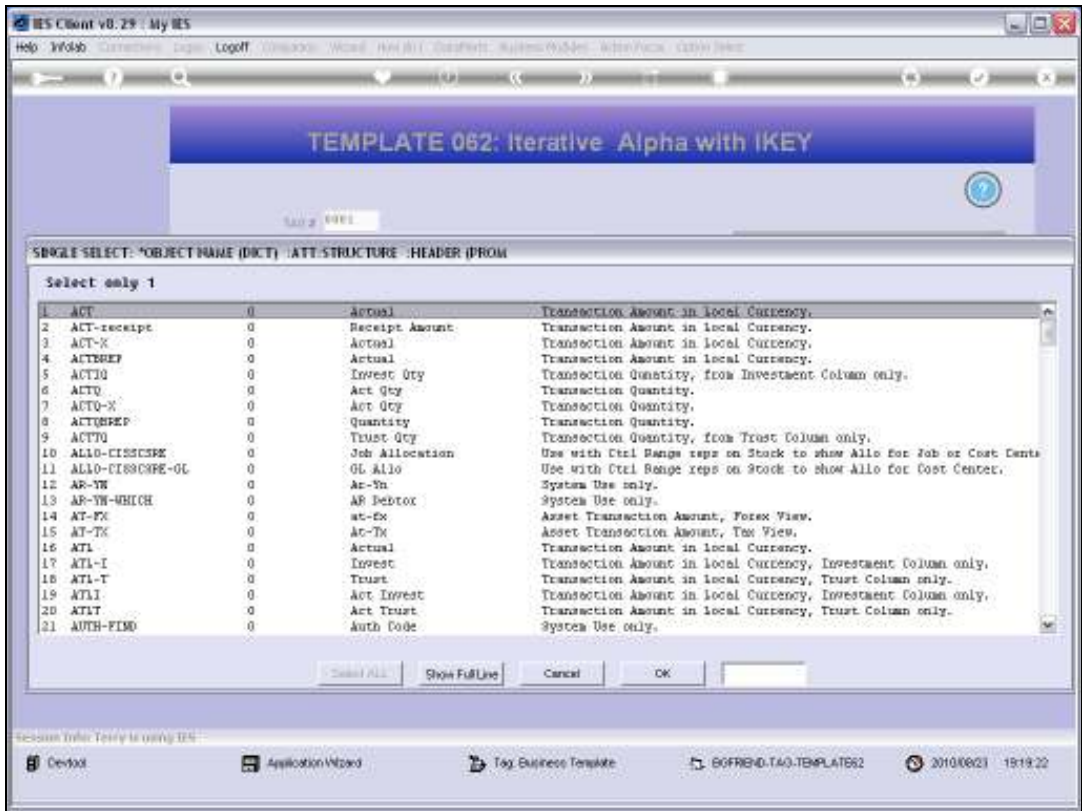
- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: ikey
- Buttons**: [Remove Template](#), [Copy Template](#), [Reveal Logic](#), [Save](#), [Lookup?](#), [Reset Values](#)
- Alignment**: l: left justified
- Result Width**: 18
- Bold?**: normal
- Underline?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

The status bar at the bottom shows "Session Info: Terry is using IES" and a list of open applications: Centool, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, and a clock showing 2010/09/23 19:19:21.

Slide 32

Slide notes:





Slide 33  
Slide notes:

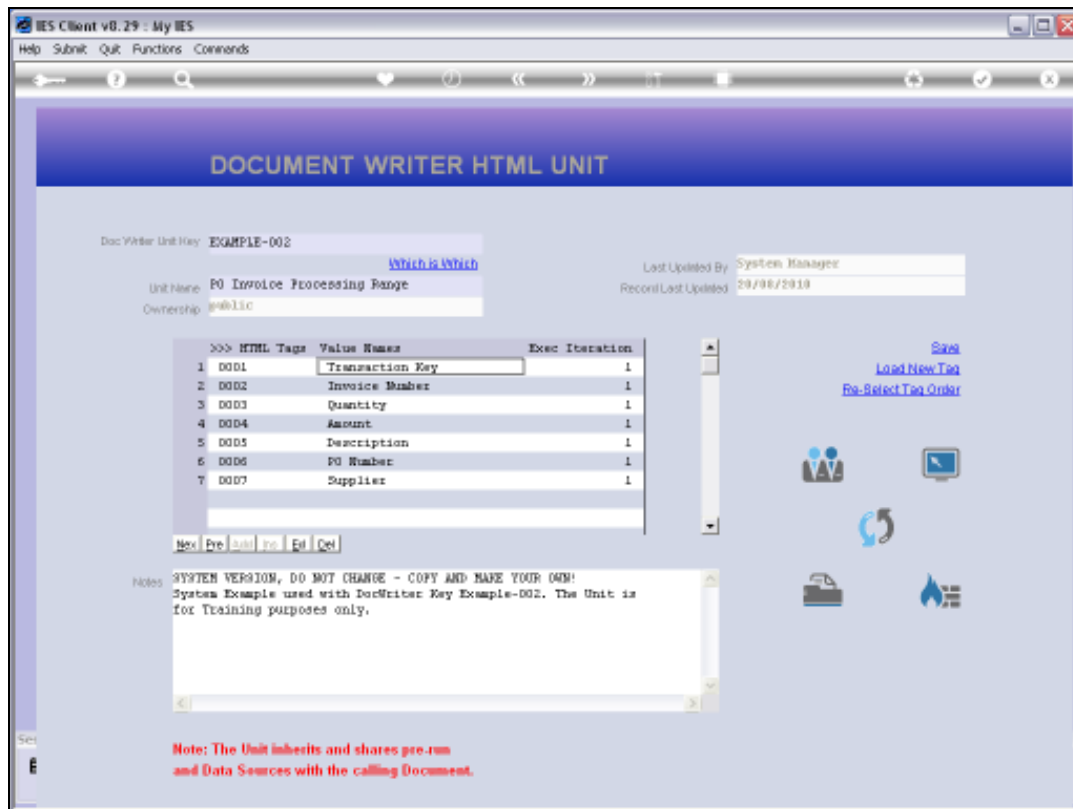
The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0001
- Name**: Transaction Key
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: tkey Key
- Alignment**: l: left justified
- Result Width**: 18
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a taskbar with icons for Devtool, Application Wizard, Tag Business Template, and BOFRIND-TAG-TEMPLATE02, along with the date and time "2010/09/23 19:19:24".

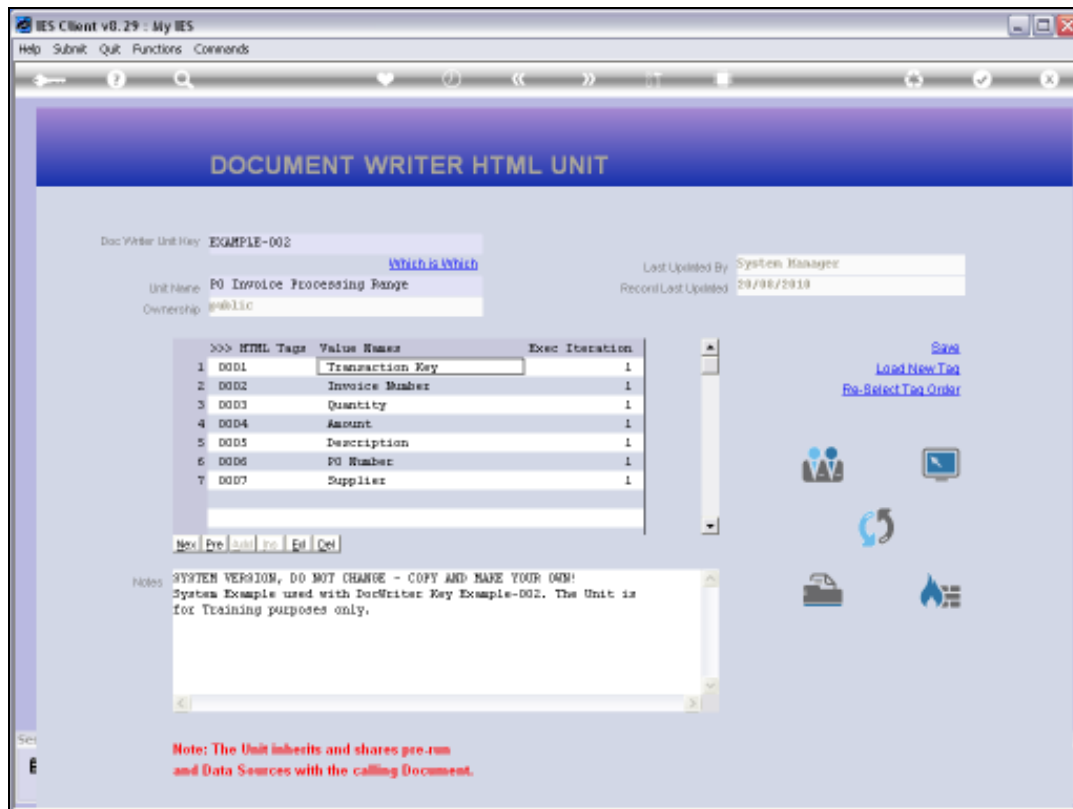
Slide 34

Slide notes:



Slide 35

Slide notes: The other Columns that use this Template are just the same. In each case, a different Data Name is selected.



Slide 36

Slide notes:

The screenshot shows the IES Client v8.29 interface. The title bar reads "IES Client v8.29 : My IES". The menu bar includes "Help", "Submit", "Quit", "Functions", and "Commands". The toolbar contains various icons for navigation and editing. The main window displays the configuration for "TEMPLATE 062: Iterative Alpha with IKEY".

Configuration details:

- Tag # : 0002
- Name : Invoice Number
- Tag Addressing : relative
- Data Source Name : TRANSREAL TRANSREAL
- Data Field Name : INV Invoice
- Alignment : l: left justified
- Result Width : 21
- Bold ? : normal
- Underline ? : normal
- Tag Result : always return a result
- Operator : \*
- Conditional Value : (empty)

Buttons: Remove Template, Copy Template, Reveal Logic, Save.

Session Info: Terry is using IES

Taskbar: Desktop, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE02, 2010/09/23 19:19:31

Slide 37

Slide notes:

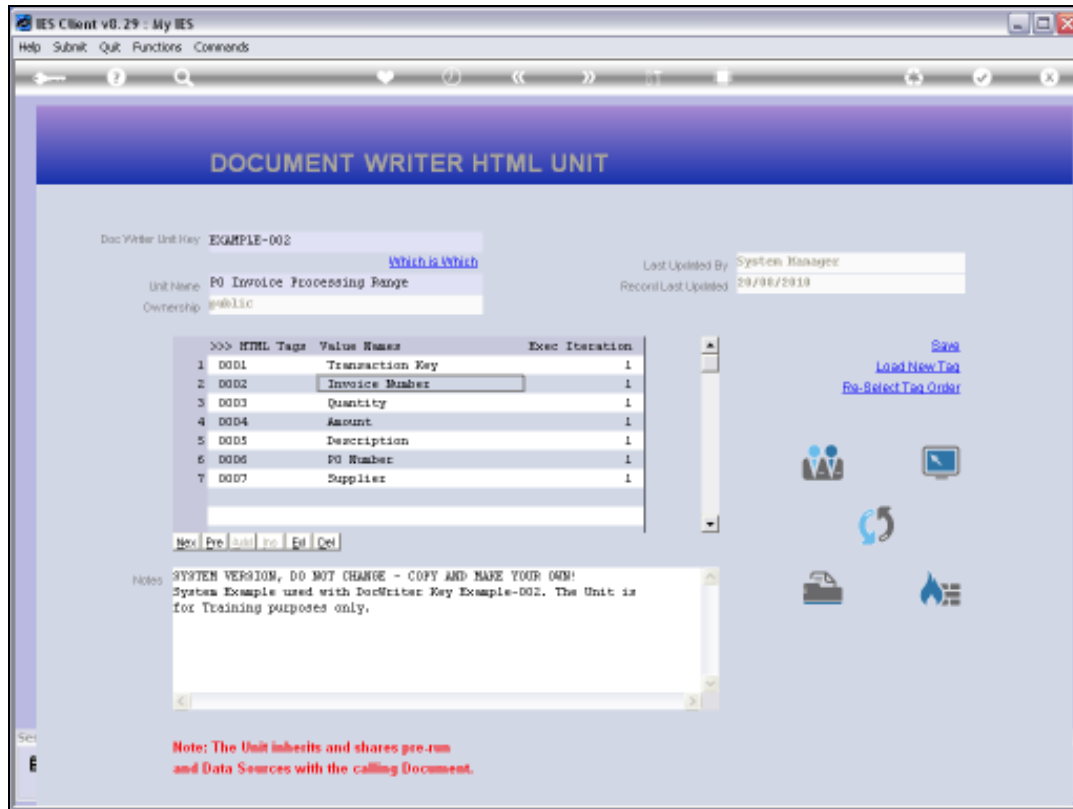
The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #:** 0002
- Name:** Invoice Number
- Tag Addressing:** relative
- Data Source Name:** TRANSREAL TRANSREAL
- Data Field Name:** INV Invoice
- Alignment:** l: left justified
- Result Width:** 21
- Bold?:** normal
- Underline?:** normal
- Tag Result:** always return a result
- Operator:** \*
- Conditional Value:**

There are four buttons in the center: [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#). At the bottom, a status bar shows "Session Info: Terry is using IES" and a taskbar with icons for "Devtool", "Application Wizard", "Tag Business Template", and "BOFRIND-TAG-TEMPLATE02". The date and time "2010/09/23 19:19:31" are also displayed.

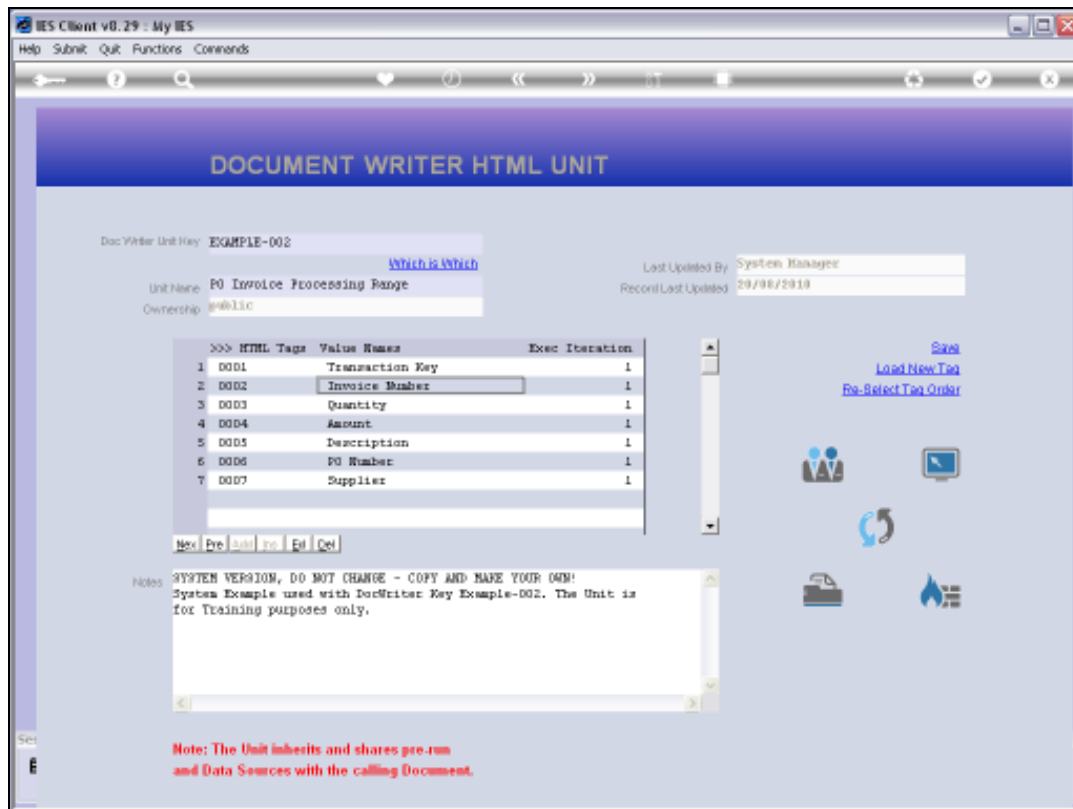
Slide 38

Slide notes:



Slide 39

Slide notes:



Slide 40

Slide notes:



The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 6963
- Name**: Description
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: desc-ph Description
- Alignment**: l: left justified
- Result Width**: 30
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons include "Remove Template", "Copy Template", "Reveal Logic", and "Save".

Session Info: Terry is using IES

Taskbar: Desktop, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, 2010/09/23 19:19:34

Slide 41

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 6963
- Name**: Description
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: desc-ph Description
- Alignment**: l: left justified
- Result Width**: 30
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

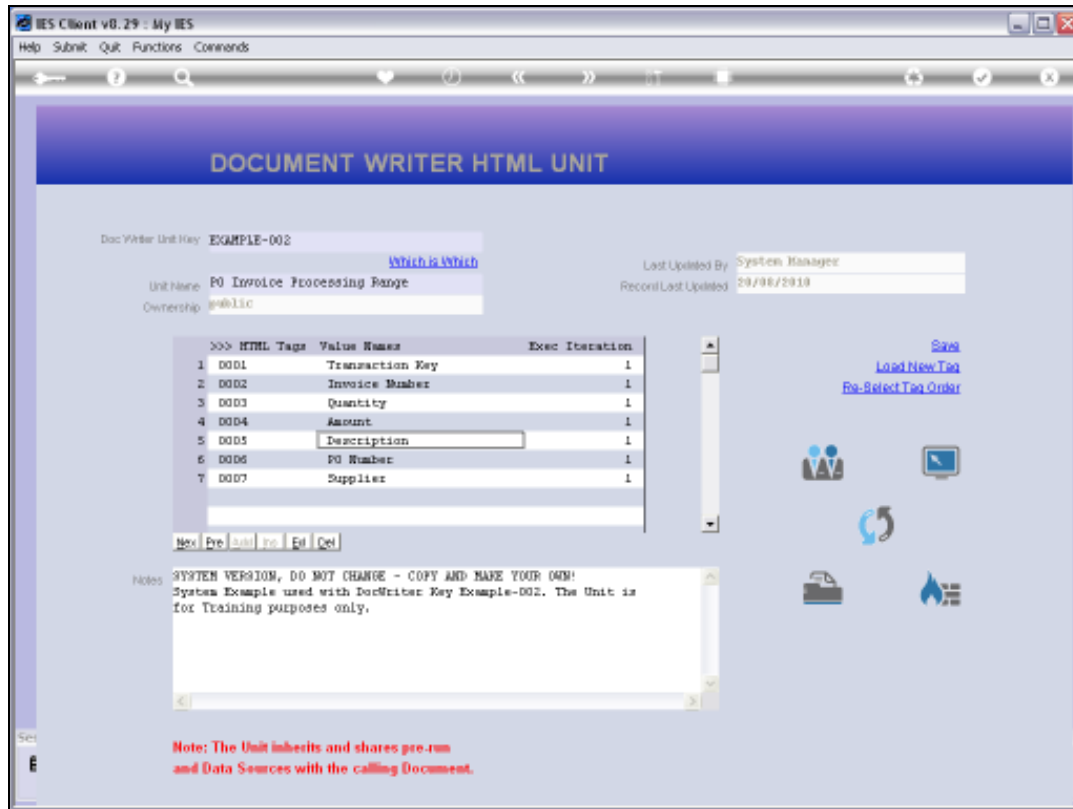
Buttons include "Remove Template", "Copy Template", "Reveal Logic", and "Save".

Session Info: Terry is using IES

Taskbar: Desktop, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, 2010/09/23 19:19:35

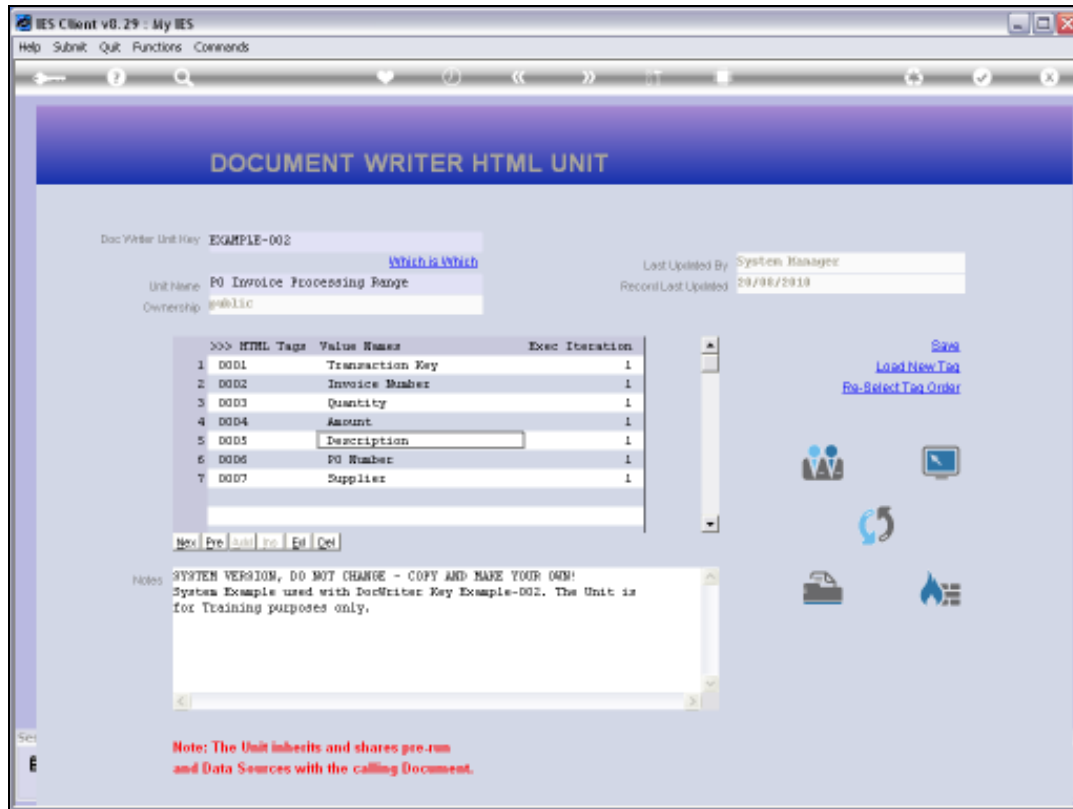
Slide 42

Slide notes:



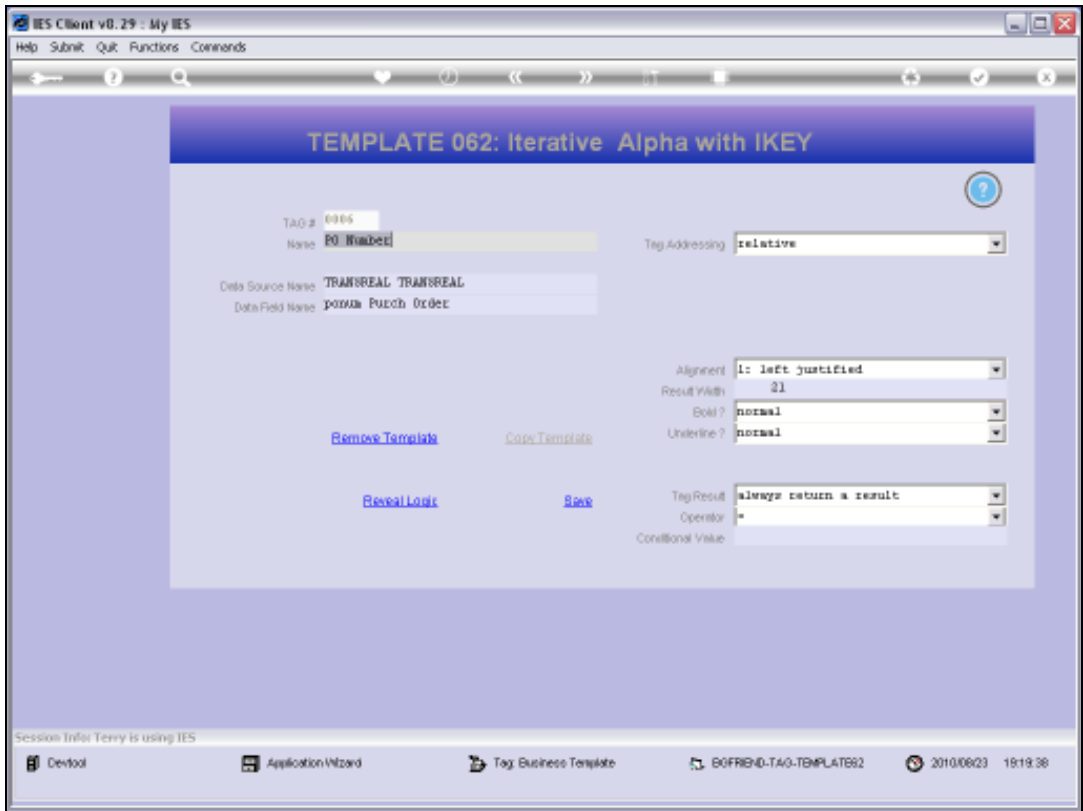
Slide 43

Slide notes:



Slide 44

Slide notes:



Slide 45  
Slide notes:

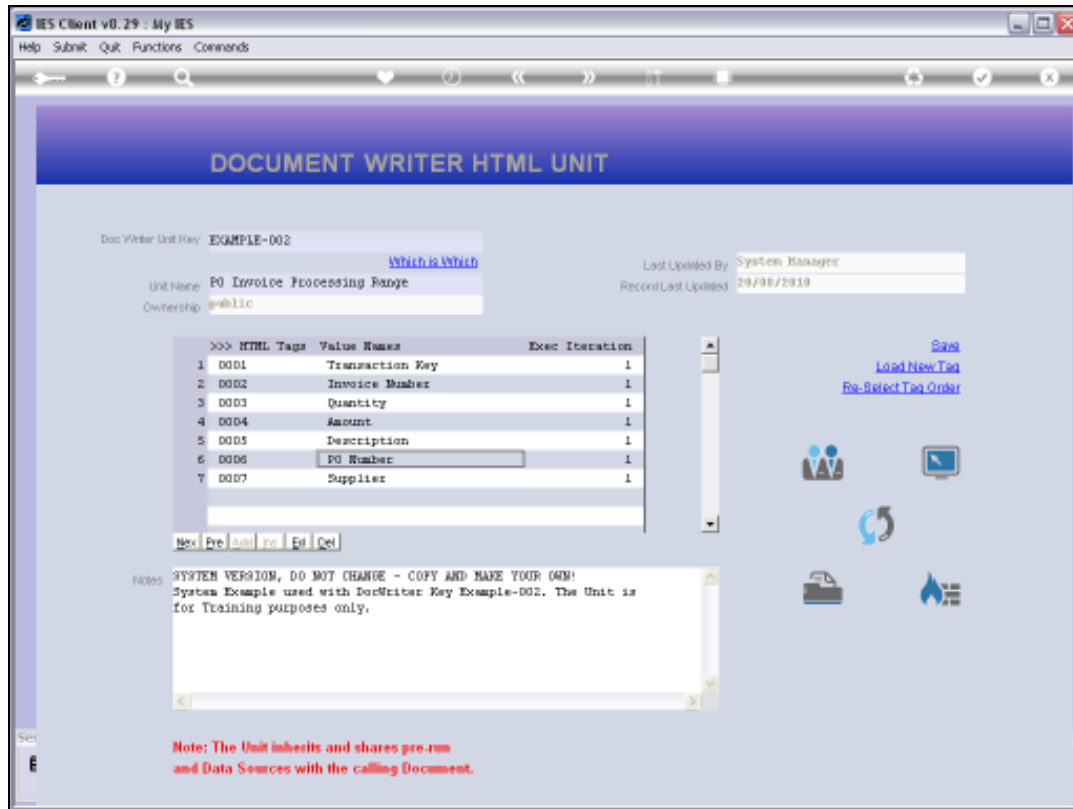
The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0006
- Name**: PO Number
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: poNum Purch Order
- Alignment**: l: left justified
- Result Width**: 21
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons for [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#) are visible. The status bar at the bottom shows "Session Info: Terry is using IES" and a taskbar with icons for Devtool, Application Wizard, Tag Business Template, and BOFRIND-TAG-TEMPLATE02, along with the date and time "2010/09/23 19:19:38".

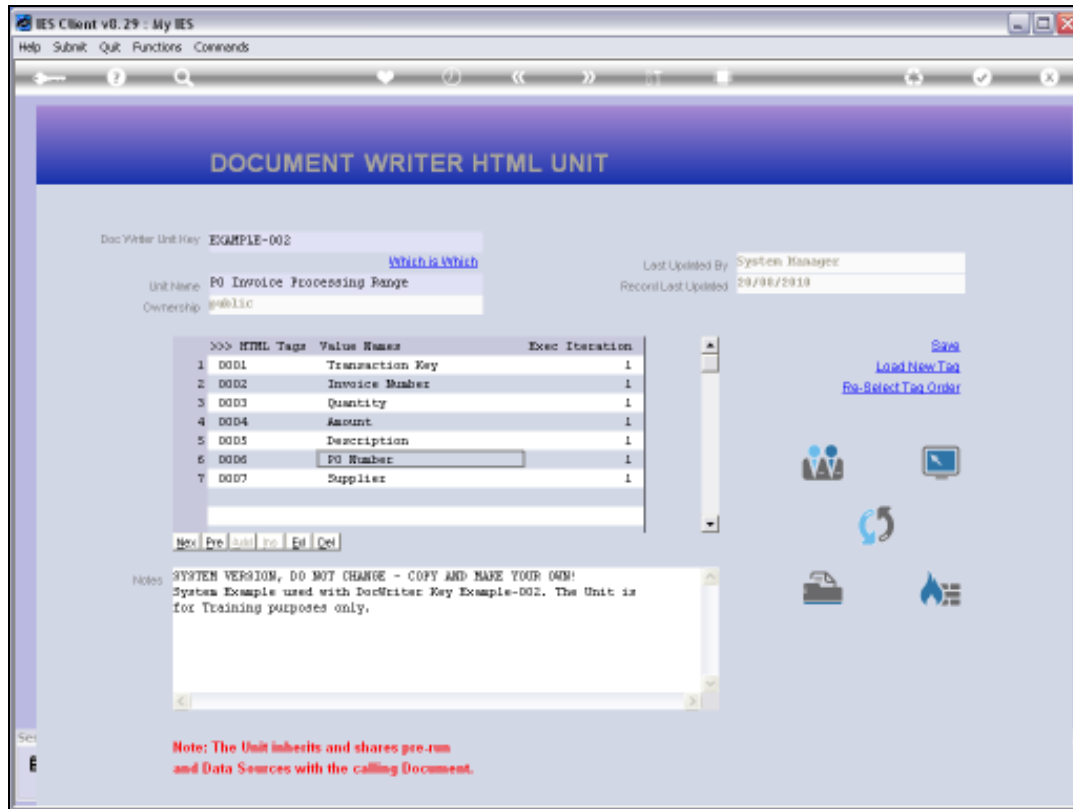
Slide 46

Slide notes:



Slide 47

Slide notes:



Slide 48

Slide notes:



The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0007
- Name**: Supplied
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: BOE-supply Supplier
- Alignment**: l: left justified
- Result Width**: 30
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

Buttons include "Remove Template", "Copy Template", "Reveal Logic", and "Save".

Session Info: Terry is using IES

Taskbar: Desktop, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, 2010/09/23 19:19:41

Slide 49

Slide notes:

The screenshot shows the IES Client v8.29 interface. The main window is titled "TEMPLATE 062: Iterative Alpha with IKEY". The interface includes a menu bar (Help, Submit, Quit, Functions, Commands) and a toolbar with various icons. The main content area is divided into several sections:

- Tag #**: 0007
- Name**: Supplied
- Tag Addressing**: relative
- Data Source Name**: TRANSREAL TRANSREAL
- Data Field Name**: BOE-supplier
- Alignment**: l: left justified
- Result Width**: 30
- Bold ?**: normal
- Underline ?**: normal
- Tag Result**: always return a result
- Operator**: \*
- Conditional Value**: (empty)

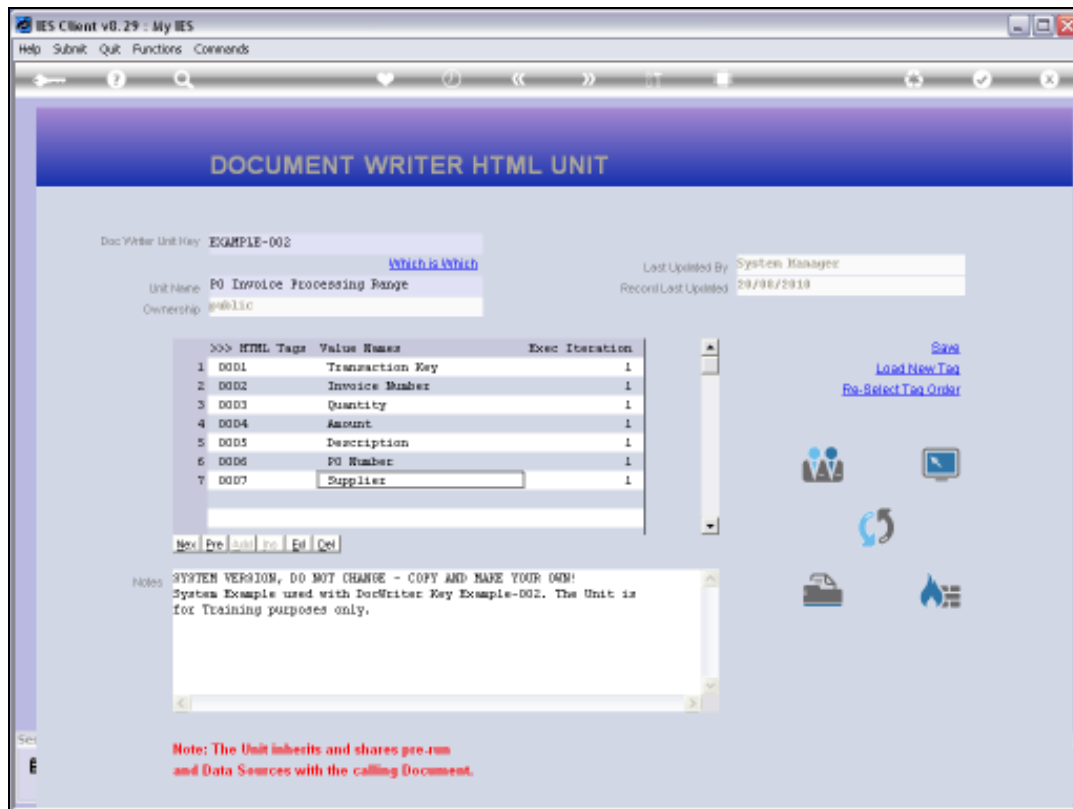
Buttons include "Remove Template", "Copy Template", "Reveal Logic", and "Save".

Session Info: Terry is using IES

Taskbar: Desktop, Application Wizard, Tag Business Template, BOFRIND-TAG-TEMPLATE62, 2010/09/23 19:19:41

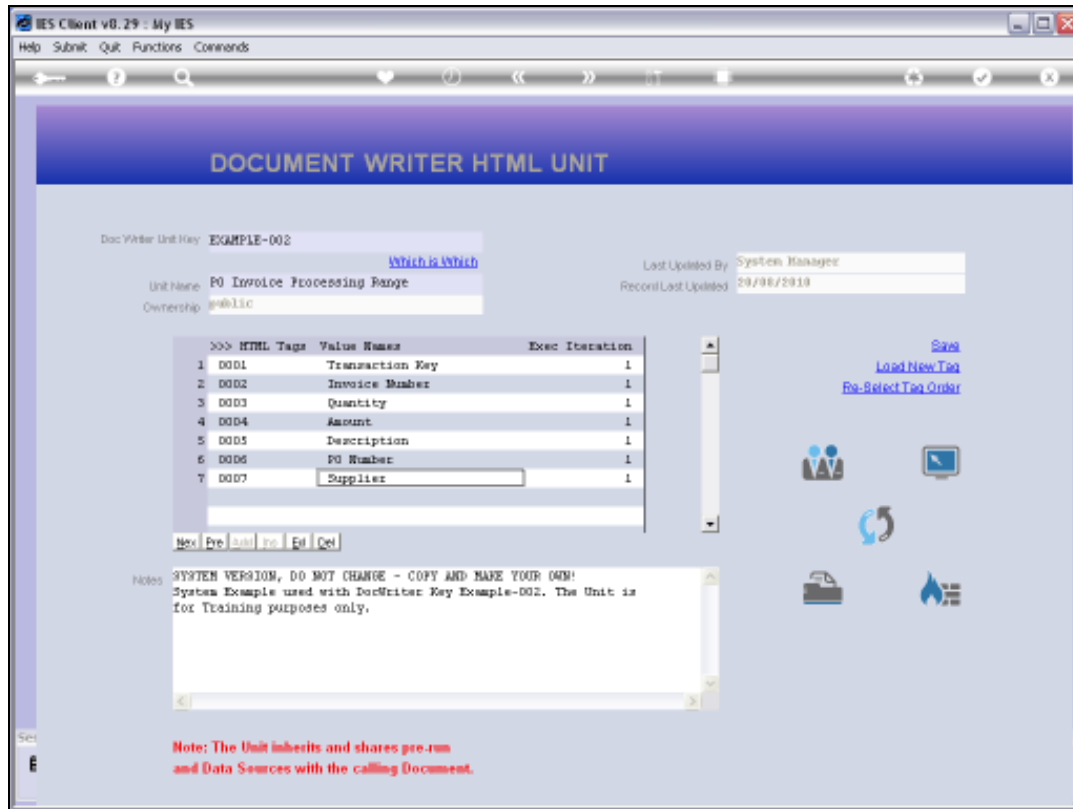
Slide 50

Slide notes:



Slide 51

Slide notes:



Slide 52

Slide notes: