

Slide 1 - Slide 1

The screenshot shows a web browser window with the address bar displaying a local file path. The page content is a report titled 'Purchase Order Invoice Processing, Range Report'. It includes a selection criteria line: 'Select Invoices from May 2010 (p 112) to Jul 2010 (p 114) . Order Number Pattern is: []'. Below this is a table with 7 columns: Transaction Key, Invoice #, Quantity, Amount, Item Description, PO Number, and Supplier. The table contains three data rows and a total row. The total amount is 5,736.00. There are three asterisks at the bottom left of the report area.

<u>Transaction Key</u>	<u>Invoice #</u>	<u>Quantity</u>	<u>Amount</u>	<u>Item Description</u>	<u>PO Number</u>	<u>Supplier</u>
1551934540	ABC01	1.00	800.00	[inv] Olympus Camedia Mas	ABC.100627-2	c00001 Aanad & Withwal
1554037533	B/R221	5.00	4,000.00	[inv] Olympus Camedia 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 notes

This Report example uses a Unit to produce the unpredictable number of Transaction lines, because the number of Transactions lines may be different each time the Report is performed and depends on the data selection as chosen by the User.

Slide 2 - Slide 2

The screenshot shows a web browser window with the address bar displaying a local file path. The page content is a report titled 'Purchase Order Invoice Processing, Range Report'. It includes instructions to select invoices from May 2010 to July 2010 and shows an empty order number pattern field. Below this is a table with columns for Transaction Key, Invoice #, Quantity, Amount, Item Description, PO Number, and Supplier. The table contains three rows of data for different transactions, all from the same supplier. At the bottom, a 'Total' row shows a value of 5,736.00.

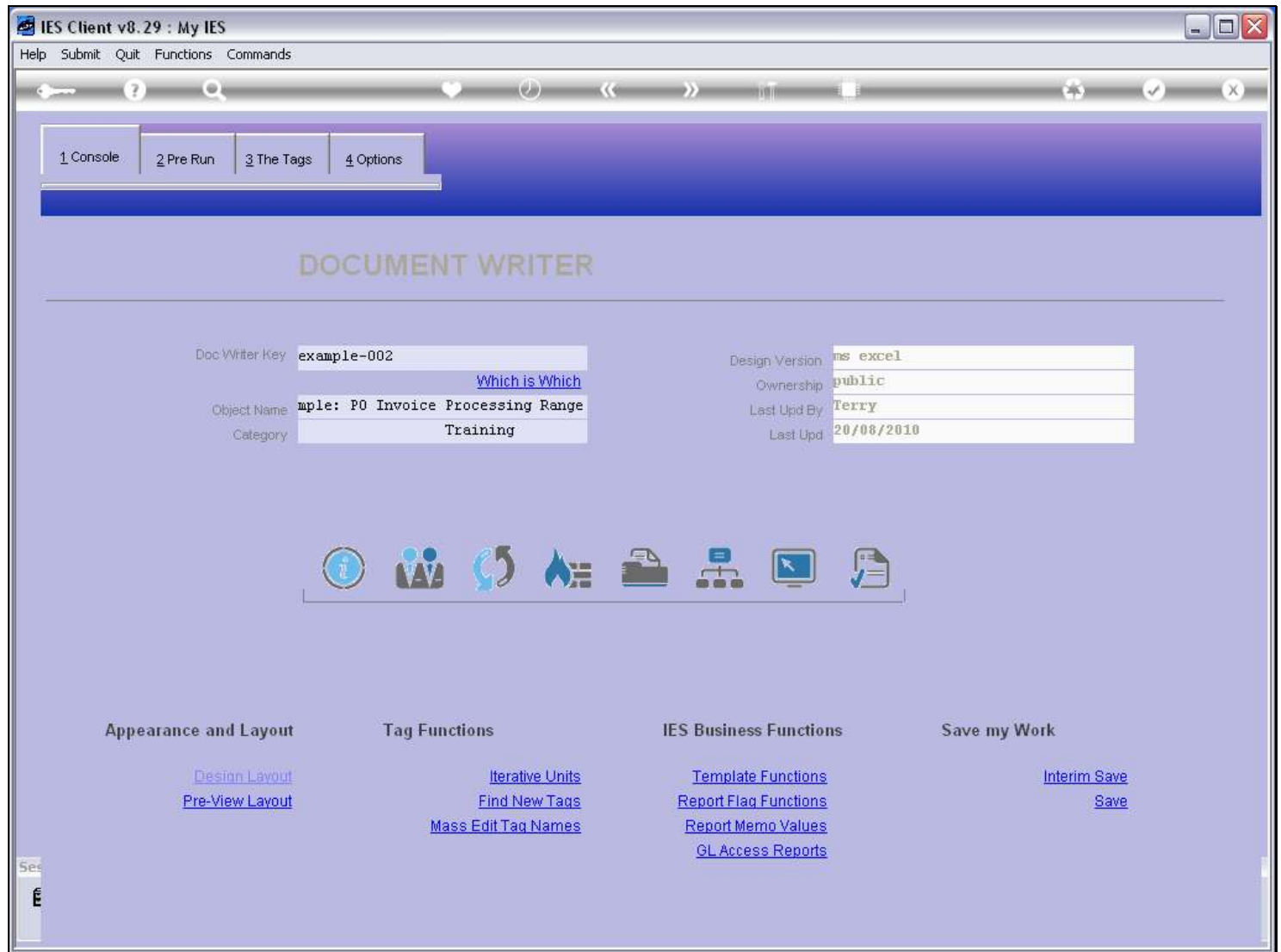
Purchase Order Invoice Processing, Range Report.

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

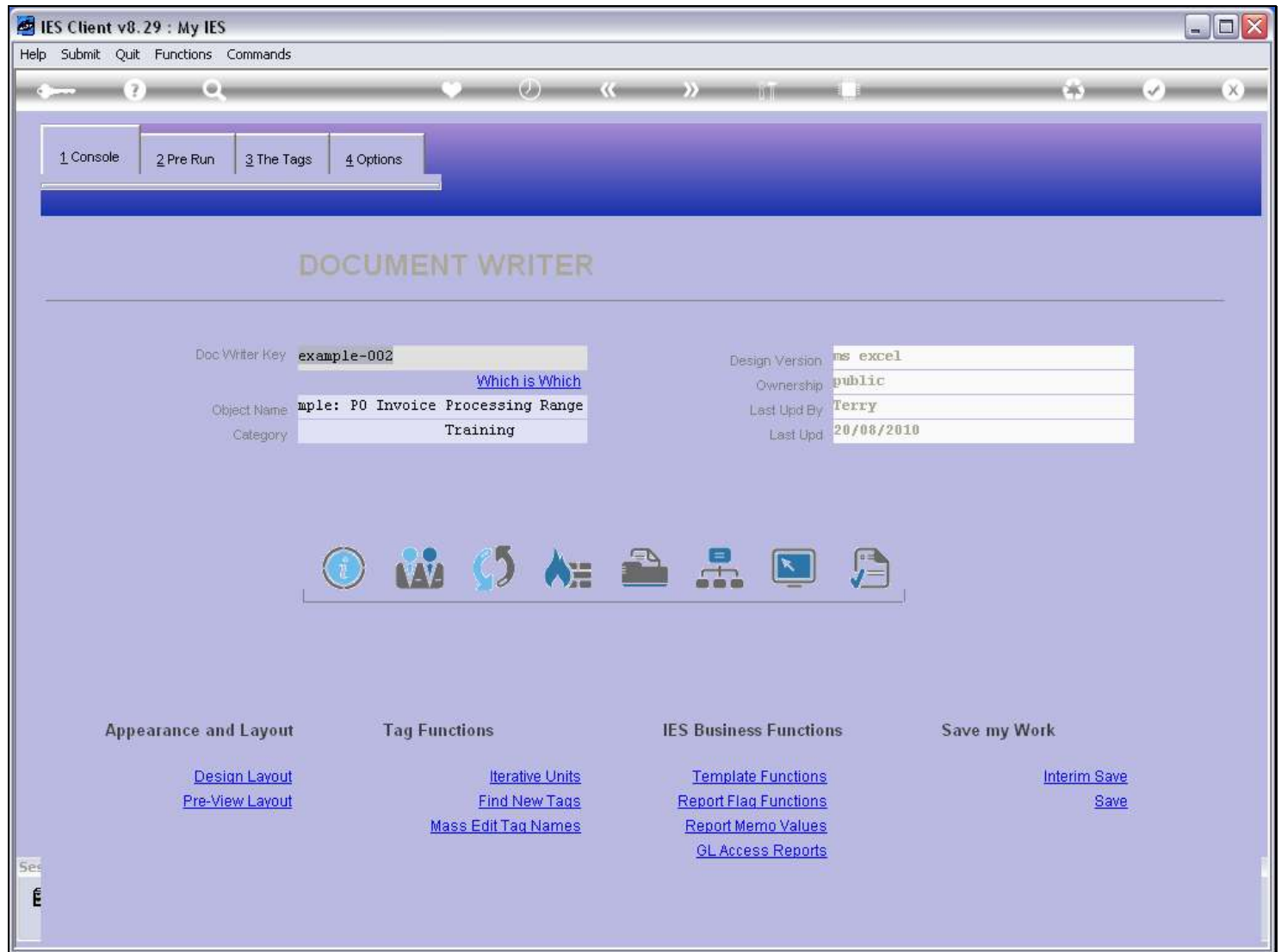
Transaction Key	Invoice #	Quantity	Amount	Item Description	PO Number	Supplier
1551934540	ABC01	1.00	800.00	[inv] Olympus Camedia Mas	ABC.100627-2	c00001 Aanad & Withwal
1554037533	B/R221	5.00	4,000.00	[inv] Olympus Camedia Mas	ABC.100718-2	C00001 Aanad & Withwal
1554037556	Q-R-L/1100	2.00	936.00	[inv]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

Slide notes

A Unit is either based on Data Iteration within a single Record, or else it is based on Iteration Keys from a selection of Data Records. In this case, the Unit uses Iterated Record Keys that are selected by a Data Selector.

Slide 3 - Slide 3**Slide notes**


We are using a Report from the system Example series.

Slide 4 - Slide 4**Slide notes**

Slide 5 - Slide 5

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 icons for a key, help, search, heart, clock, left arrow, right arrow, list, document, refresh, checkmark, and close. The main window has a tabbed interface with four tabs: "1 Console", "2 Pre Run", "3 The Tags", and "4 Options". The "2 Pre Run" tab is active.

PRE RUN PARAMETERS: -

[Pre Run Assist](#) 

Pre Run Process:


Results File:

Results Key:

Proceed on Field #:

Conditional Value:

DIRECT REFERENCE DATA SOURCES: -

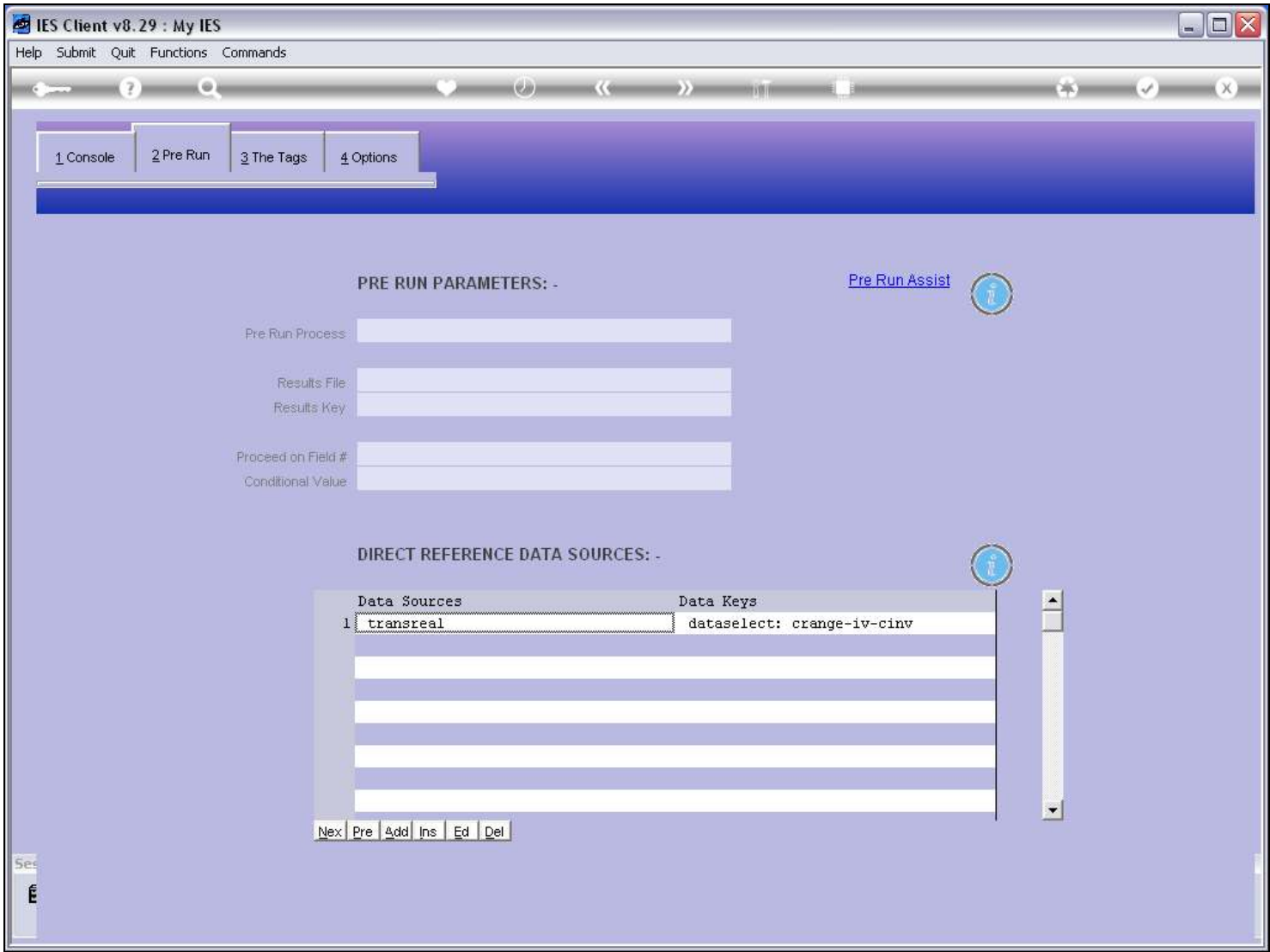


Data Sources	Data Keys
1 transreal	dataselect: crange-iv-cinv

Slide notes

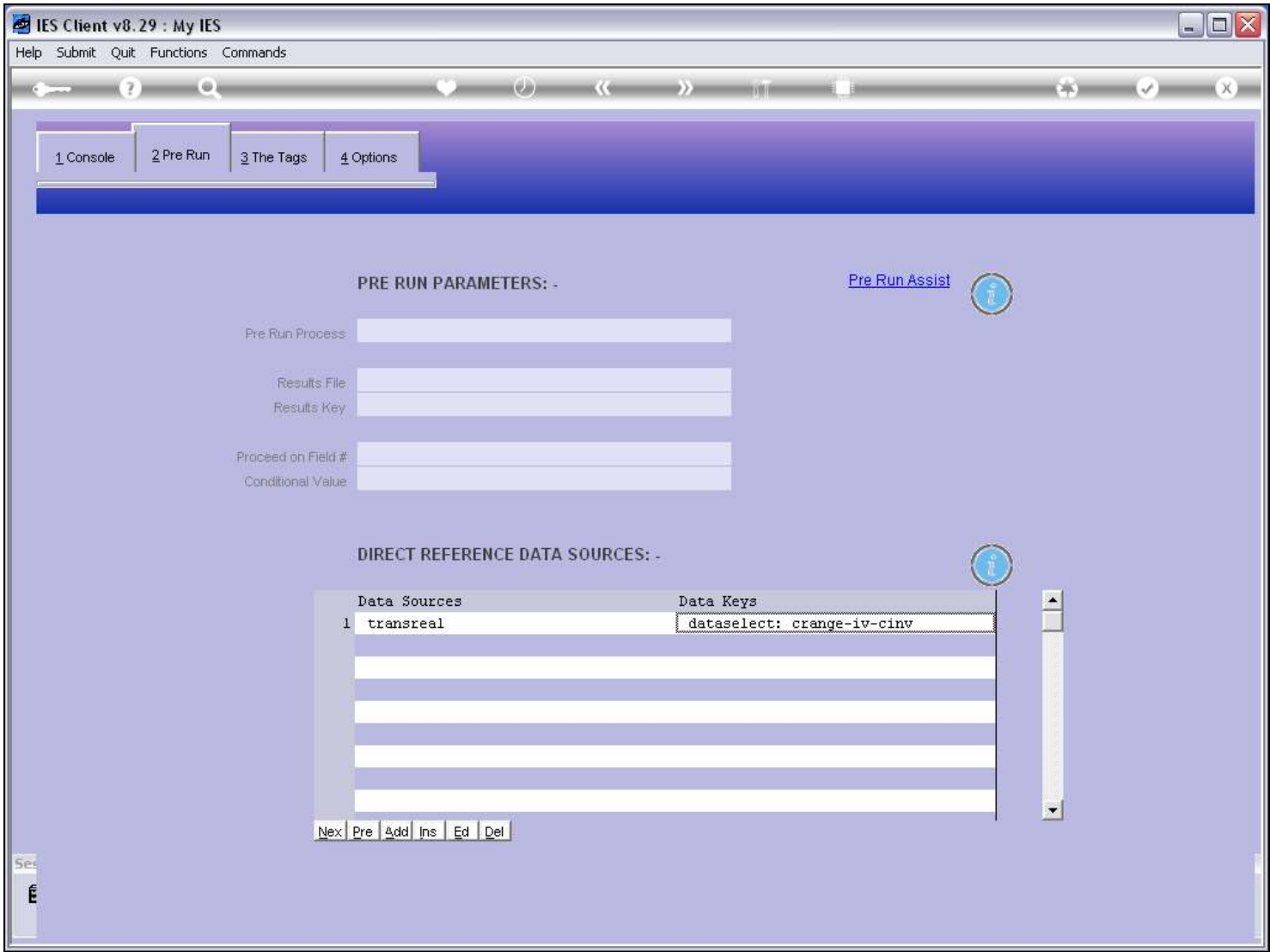
When we use a Unit that is performed on the basis of a Data Selector, then the Data Source on which the Data Selector and the results are based will always be listed, together with the Data Selector to use.

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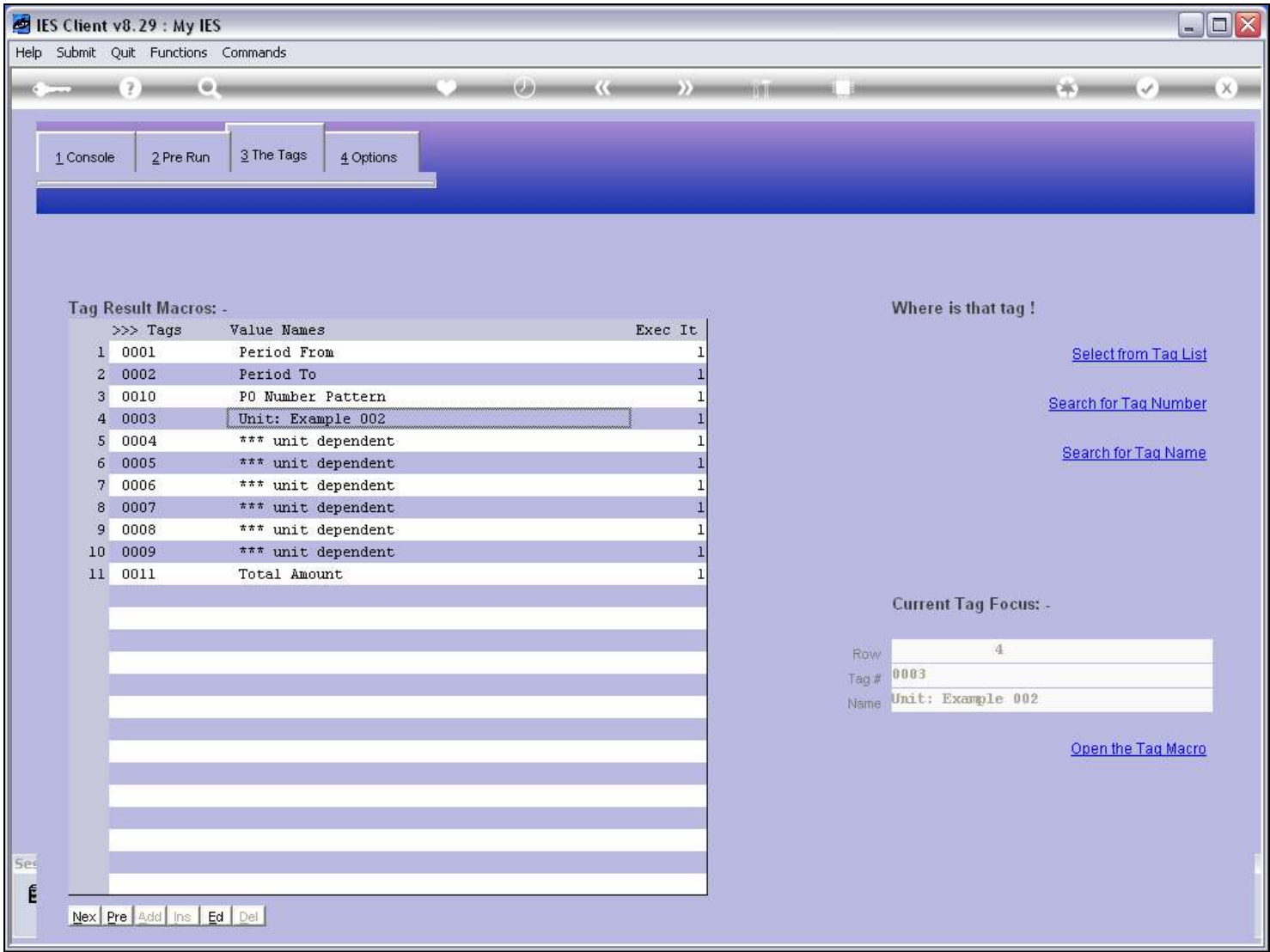
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Slide notes

Slide 8 - Slide 8



Slide notes

The 1st Tag in the Unit Group of Tags will be the Tag that calls the Unit.

Slide 9 - Slide 9**Slide notes**

And in this case, it will use the Template for Unit Execution based on a Data Selector.

Slide 10 - Slide 10

The screenshot shows a software window titled "IES Client v8.29 : My IES". The window has a menu bar with "Help", "Submit", "Quit", "Functions", and "Commands". Below the menu bar is a toolbar with icons for a key, a question mark, a magnifying glass, a heart, a clock, left and right arrows, a list, a document, a refresh, a checkmark, and a close button. The main content area has a blue header bar that reads "TEMPLATE 060: Unit Execute - Data Selector". Below this header, there are several input fields and buttons. On the left, there are labels "TAG #", "Name", "Unit to Call", and "Data Source #". The corresponding values are "0003", "Unit: Example 002", "EXAMPLE-002", and "TRANSREAL". To the right of these fields is a blue circular button with a white question mark. Further right are four blue links: "Remove Template", "Copy Template", "Reveal Logic", and "Save". Below the input fields, there is a text block that reads: "The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector." In the bottom left corner, there is a small "Sec" label and a large "E" button.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 060: Unit Execute - Data Selector

TAG # 0003

Name Unit: Example 002

Unit to Call EXAMPLE-002

Data Source # TRANSREAL

[Remove Template](#)

[Copy Template](#)

[Reveal Logic](#)

[Save](#)

The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector.

Sec

E

Slide notes

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IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 060: Unit Execute - Data Selector

TAG # 0003

Name Unit: Example 002

Unit to Call EXAMPLE-002

Data Source # TRANSREAL

[Remove Template](#)

[Copy Template](#)

[Reveal Logic](#)

[Save](#)

The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector.

Slide notes

We need to state the Unit to perform, and also the Data Source.

Slide 12 - Slide 12

The screenshot shows a software window titled "IES Client v8.29 : My IES". The window has a menu bar with "Help", "Submit", "Quit", "Functions", and "Commands". Below the menu bar is a toolbar with icons for a key, a question mark, a magnifying glass, a heart, a clock, left and right arrows, a list, a document, a refresh, a checkmark, and a close button. The main content area has a blue header bar that reads "TEMPLATE 060: Unit Execute - Data Selector". Below this header, there are several input fields and a text area. The "TAG #" field contains "0003". The "Name" field contains "Unit: Example 002". The "Unit to Call" field contains "EXAMPLE-002". The "Data Source #" field contains "TRANSREAL". To the right of these fields is a blue circular button with a white question mark. Further right are four hyperlinks: "Remove Template", "Copy Template", "Reveal Logic", and "Save". Below the input fields is a text area that reads: "The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector." In the bottom left corner, there is a small "Sec" label and a large "E" button.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 060: Unit Execute - Data Selector

TAG # 0003

Name Unit: Example 002

Unit to Call EXAMPLE-002

Data Source # TRANSREAL

[Remove Template](#)

[Copy Template](#)

[Reveal Logic](#)

[Save](#)

The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector.

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E

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Slide 13 - Slide 13

The screenshot shows the IES Client v8.29: My IES application window. The title bar includes standard window controls and a menu bar with Help, Submit, Quit, Functions, and Commands. Below the menu bar is a toolbar with icons for key, help, search, heart, clock, left arrow, right arrow, list, document, refresh, checkmark, and close. The main content area has a blue header bar with the text "TEMPLATE 060: Unit Execute - Data Selector". Below this, there are four input fields: TAG # (0003), Name (Unit: Example 002), Unit to Call (EXAMPLE-002), and Data Source # (1). To the right of these fields is a blue circular help icon with a question mark. Further right are four hyperlinks: Remove Template, Copy Template, Reveal Logic, and Save. Below the input fields, there is a text block that reads: "The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector." In the bottom left corner, there is a small "Sec" label and a large "E" icon.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 060: Unit Execute - Data Selector

TAG # 0003

Name Unit: Example 002

Unit to Call EXAMPLE-002

Data Source # 1

[Remove Template](#)

[Copy Template](#)

[Reveal Logic](#)

[Save](#)

The Data Source is selected from the Direct Data Sources for this Document, and where that Key is a Data Selector.

Sec

E

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IES Client v8.29 : My IES

Help Submit Quit Functions Commands

1 Console2 Pre Run3 The Tags4 Options

Tag Result Macros: -

	>>> Tags	Value Names	Exec It
1	0001	Period From	1
2	0002	Period To	1
3	0010	PO Number Pattern	1
4	0003	Unit: Example 002	1
5	0004	*** unit dependent	1
6	0005	*** unit dependent	1
7	0006	*** unit dependent	1
8	0007	*** unit dependent	1
9	0008	*** unit dependent	1
10	0009	*** unit dependent	1
11	0011	Total Amount	1

Search

E

NexPreAddInsEdDel

Where is that tag !

Select from Tag List

Search for Tag Number

Search for Tag Name

Current Tag Focus: -

Row4

Tag #0003

NameUnit: Example 002

Open the Tag Macro

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IES Client v8.29 : My IES

Help Submit Quit Functions Commands

1 Console2 Pre Run3 The Tags4 Options

Tag Result Macros: -

	>>> Tags	Value Names	Exec It
1	0001	Period From	1
2	0002	Period To	1
3	0010	PO Number Pattern	1
4	0003	Unit: Example 002	1
5	0004	*** unit dependent	1
6	0005	*** unit dependent	1
7	0006	*** unit dependent	1
8	0007	*** unit dependent	1
9	0008	*** unit dependent	1
10	0009	*** unit dependent	1
11	0011	Total Amount	1

Search

E

NexPreAddInsEdDel

Where is that tag !

Select from Tag List

Search for Tag Number

Search for Tag Name

Current Tag Focus: -

Row4

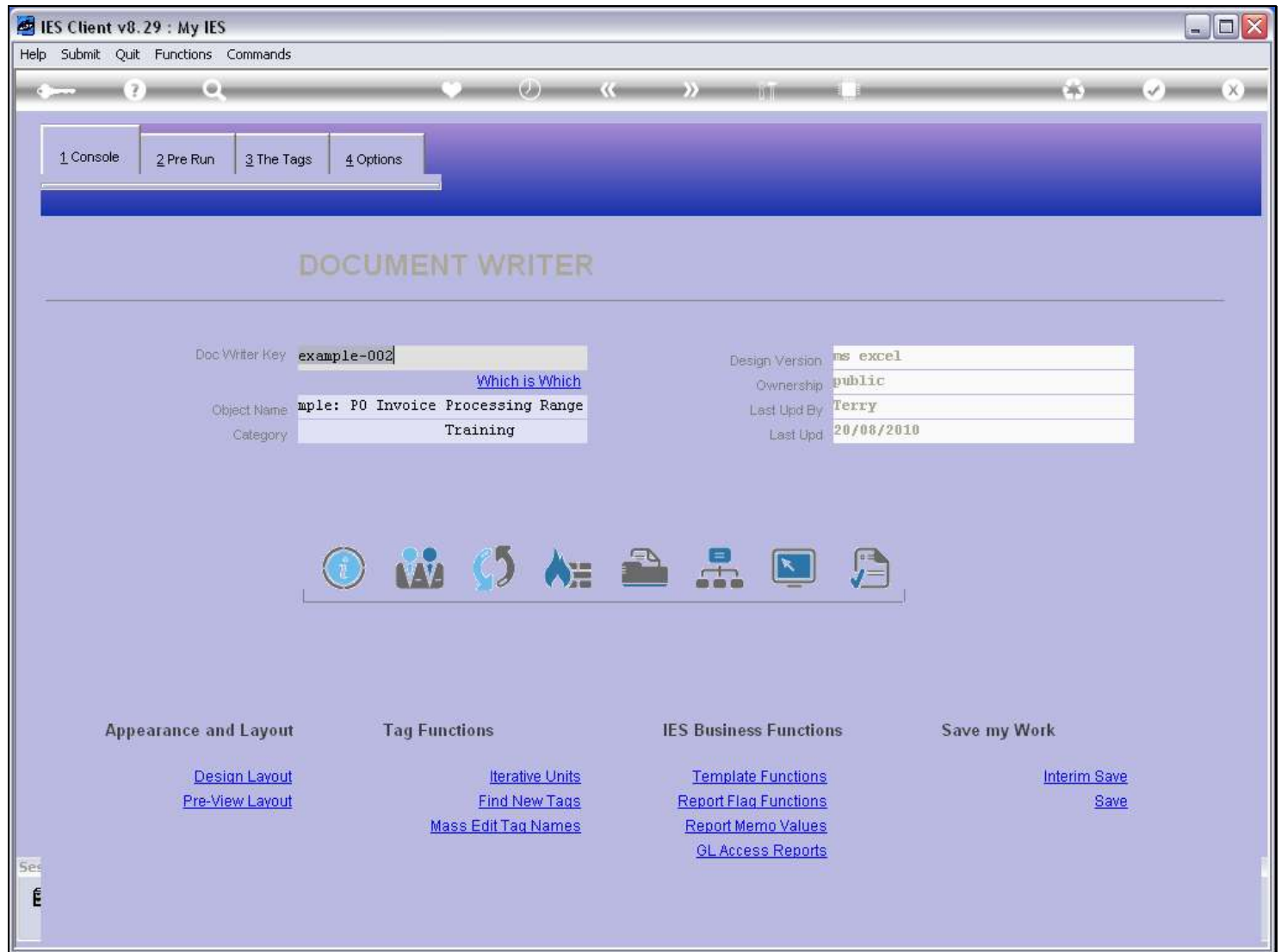
Tag #0003

NameUnit: Example 002

Open the Tag Macro

Slide notes

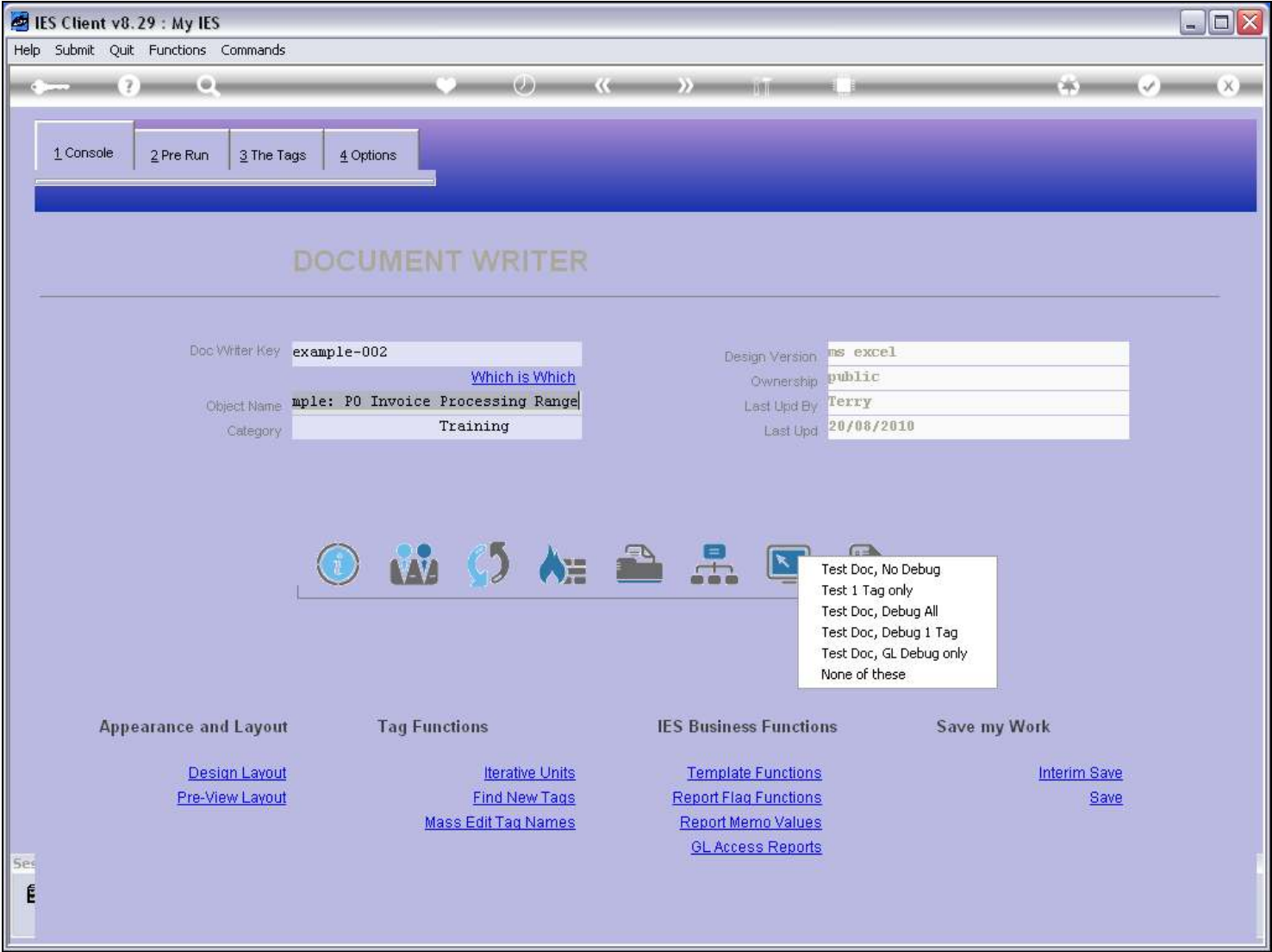
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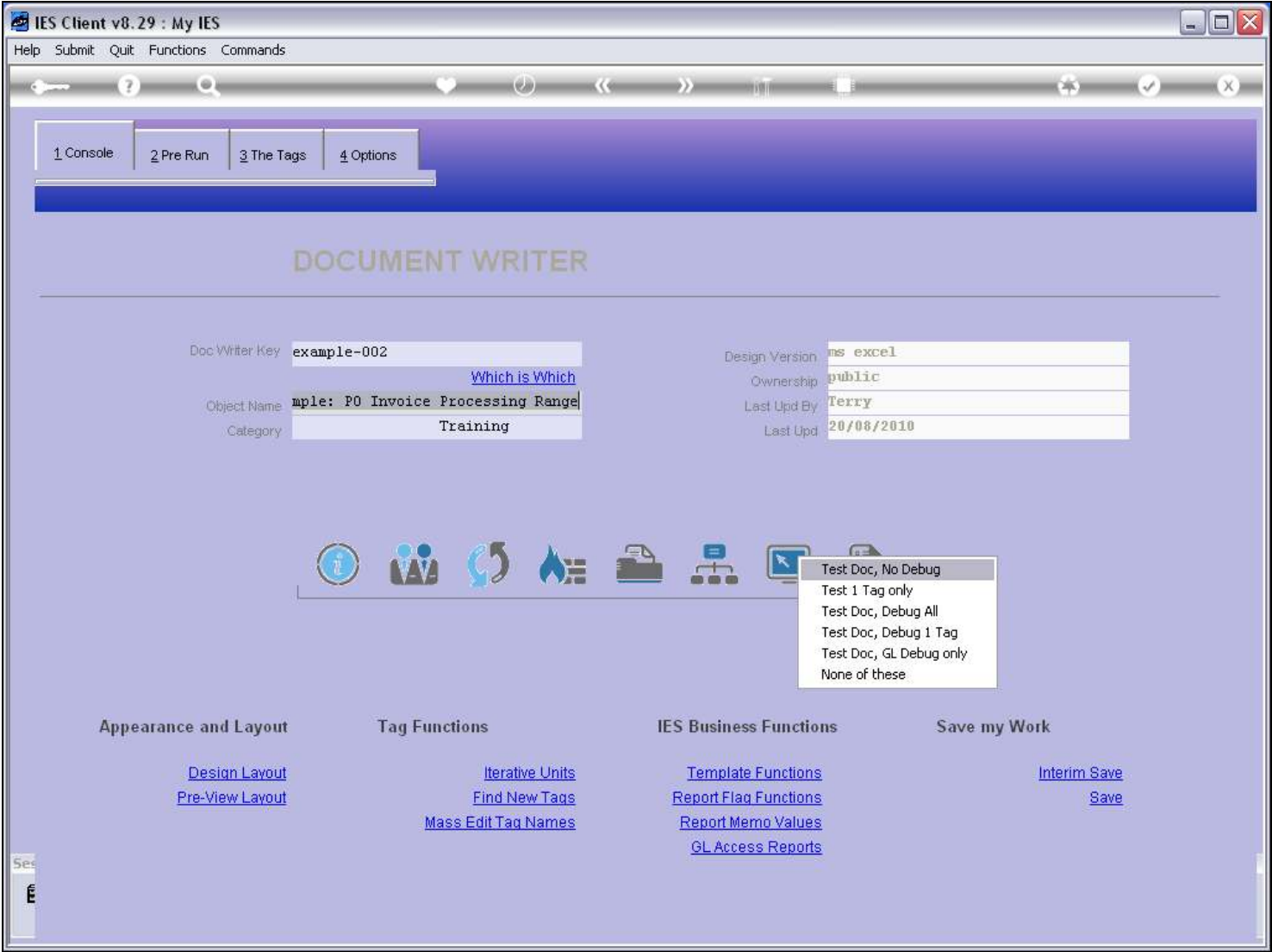
When we perform or test the Document, then the Data Selector will pop up with runtime prompts.

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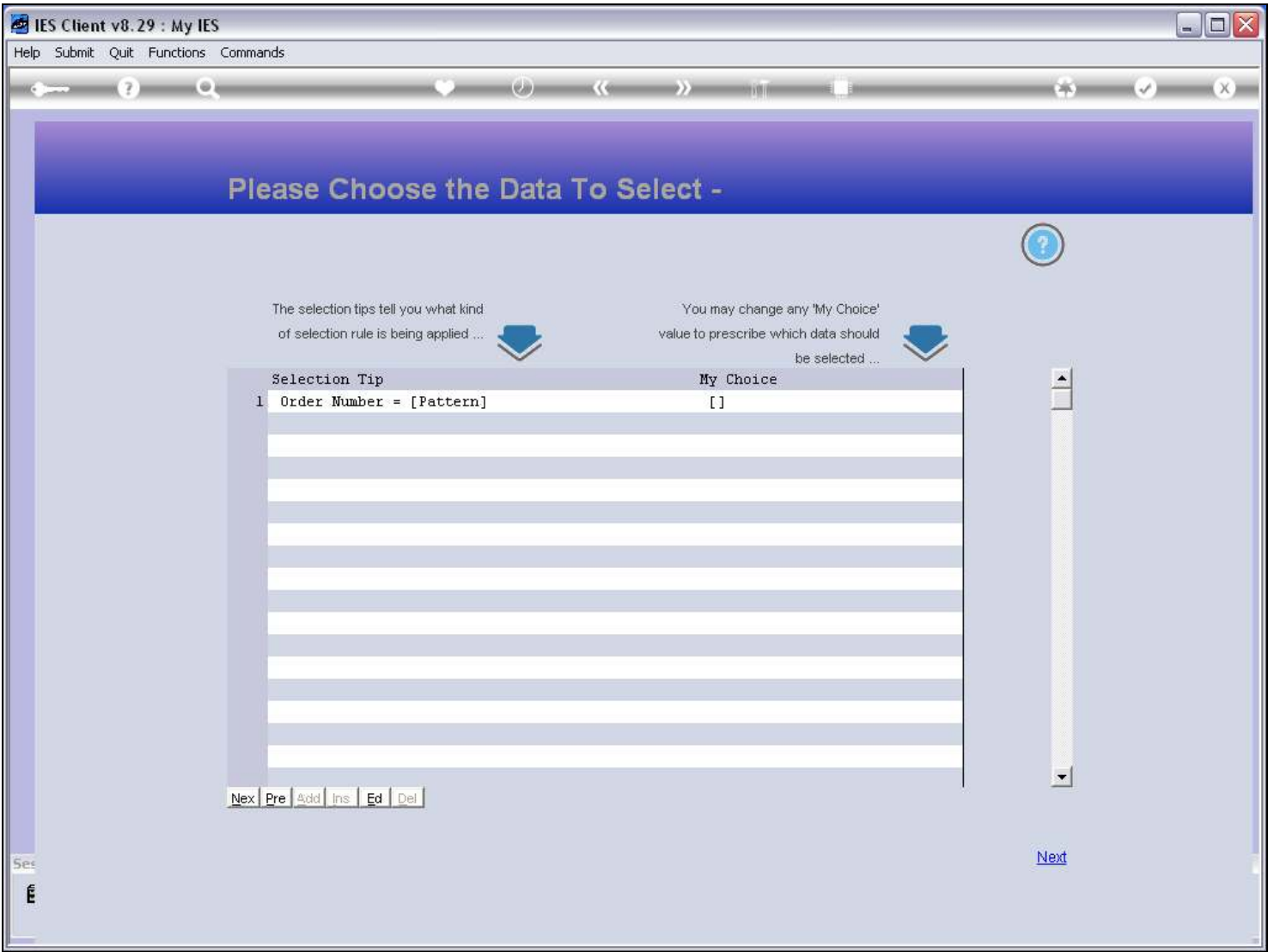
Slide notes

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Slide notes

Slide 19 - Slide 19



Slide notes

In this case, the Data Selector allows us to choose a Purchase Order Number pattern.

Slide 20 - Slide 20

The screenshot shows the IES Client v8.29: My IES application window. The title bar includes the application name and standard window controls. The menu bar contains Help, Submit, Quit, Functions, and Commands. The toolbar has icons for key, help, search, heart, clock, back, forward, list, print, refresh, check, and close. The main content area displays a 'Data Selection: -' dialog box. This dialog box contains a message: 'This is a pre-selection of Data required for the current process. Please check the Help where necessary, before choosing NEXT ...'. It features a list of selection criteria on the left and a list of time-based filters on the right. The selection criteria include Period From, Period To, Date From, Date To, Date Type, Time Frame, Time From, Time To, and Operator / User. The time-based filters include Today, Yesterday, 7 Days, 14 Days, 30 Days, and Next. The bottom status bar shows 'Session Info: Terry is using IES' and a taskbar with icons for Devtool, Application Wizard, Pre Data Selection, BGFRIEND-TRANS-SELECT-1, and a clock showing 2010/08/24 09:25:48.

Data Selection: -

This is a pre-selection of Data required for the current process. Please check the Help where necessary, before choosing NEXT ...

[Today](#)
[Yesterday](#)
[7 Days](#)
[14 Days](#)
[30 Days](#)
[Next](#)

Period From Jul 2010 (p 114)
Period To Jul 2010 (p 114)
Date From 01/07/2010
Date To 31/07/2010
Date Type processing date
Time Frame time range
Time From 00:00:01
Time To 23:59:59
Operator / User

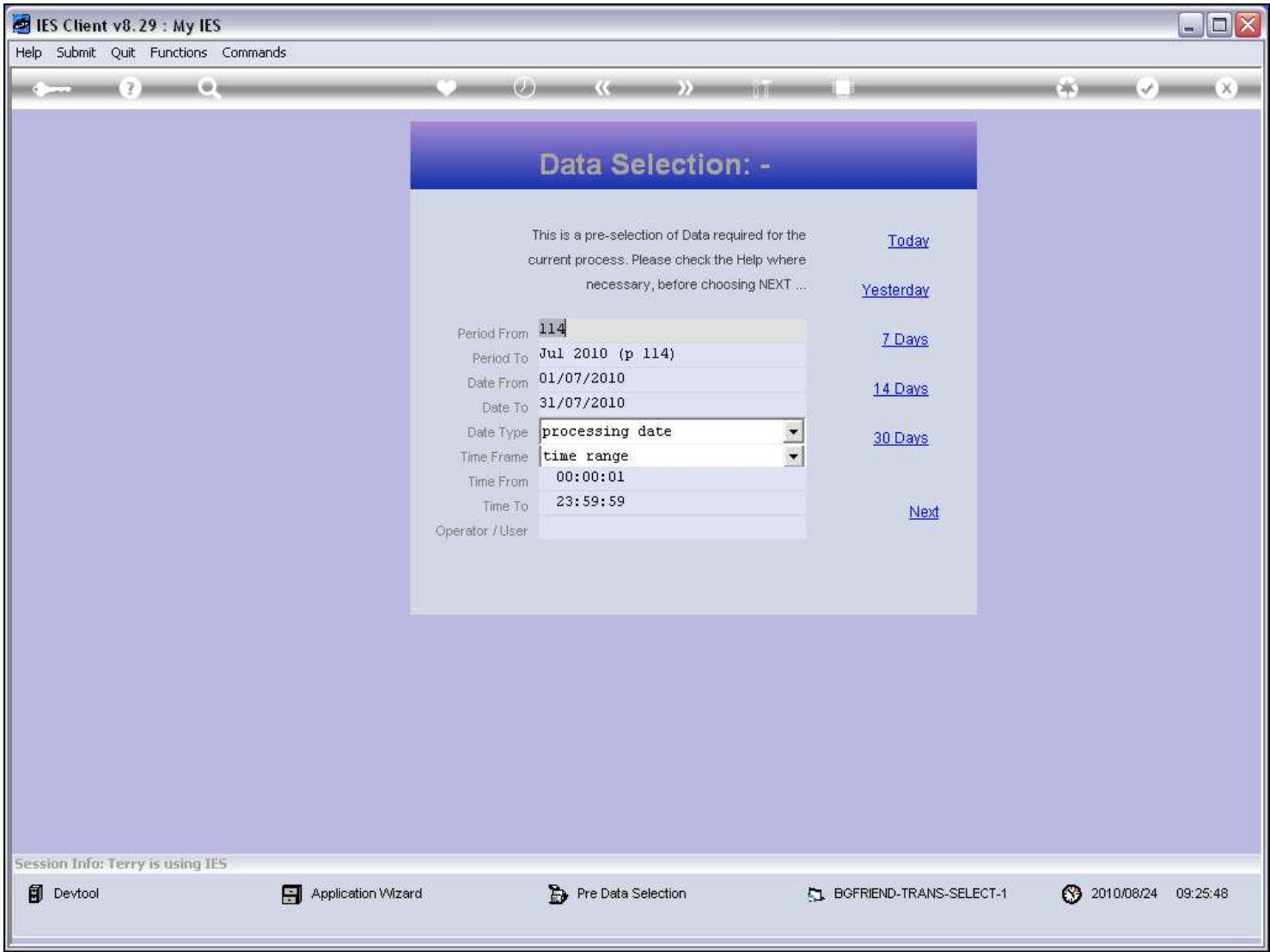
Session Info: Terry is using IES

Devtool Application Wizard Pre Data Selection BGFRIEND-TRANS-SELECT-1 2010/08/24 09:25:48

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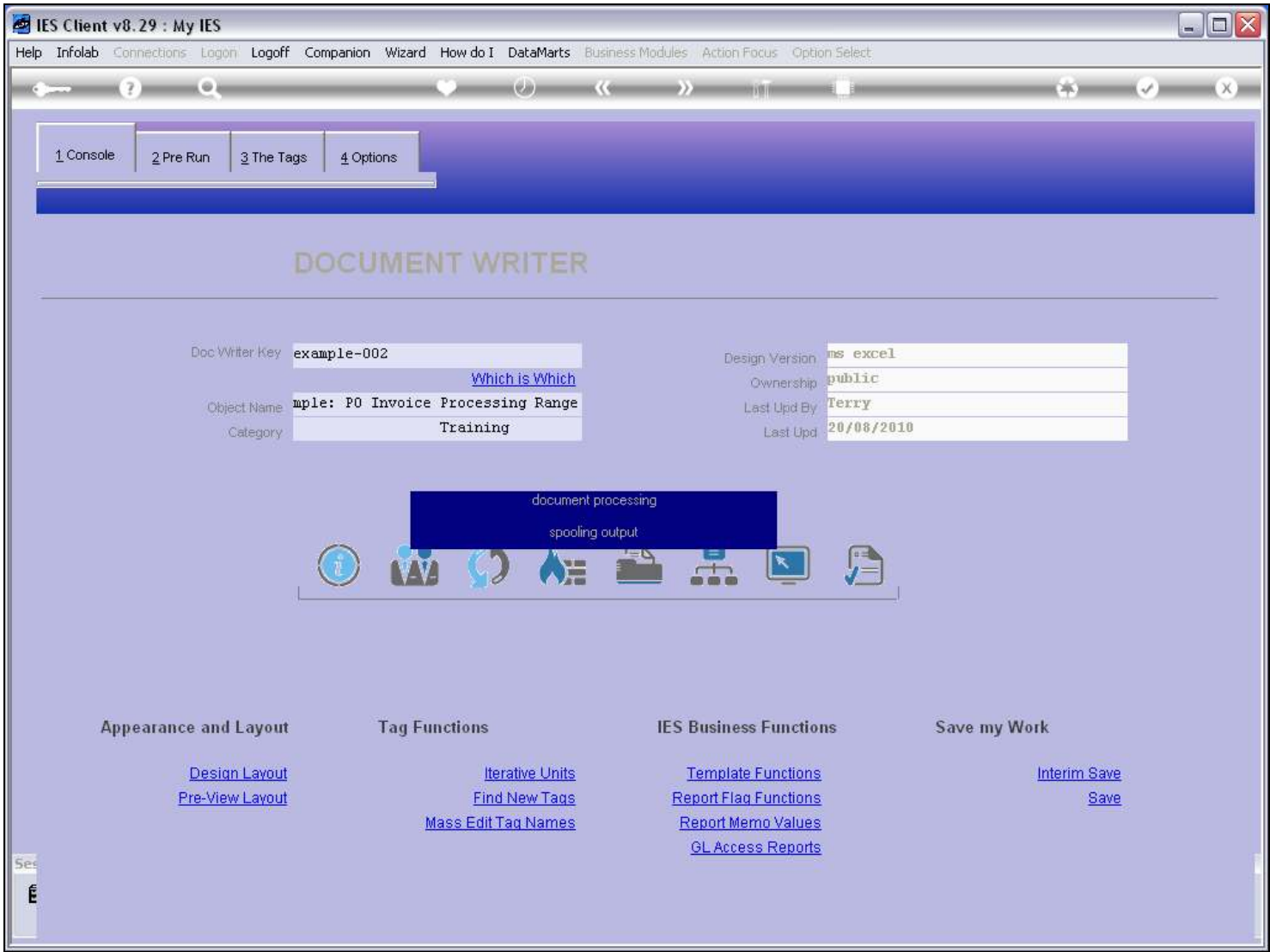
And this is followed by a Transaction Selection. The results of the Data Selection are the Transaction Keys that are passed to the Unit for execution.

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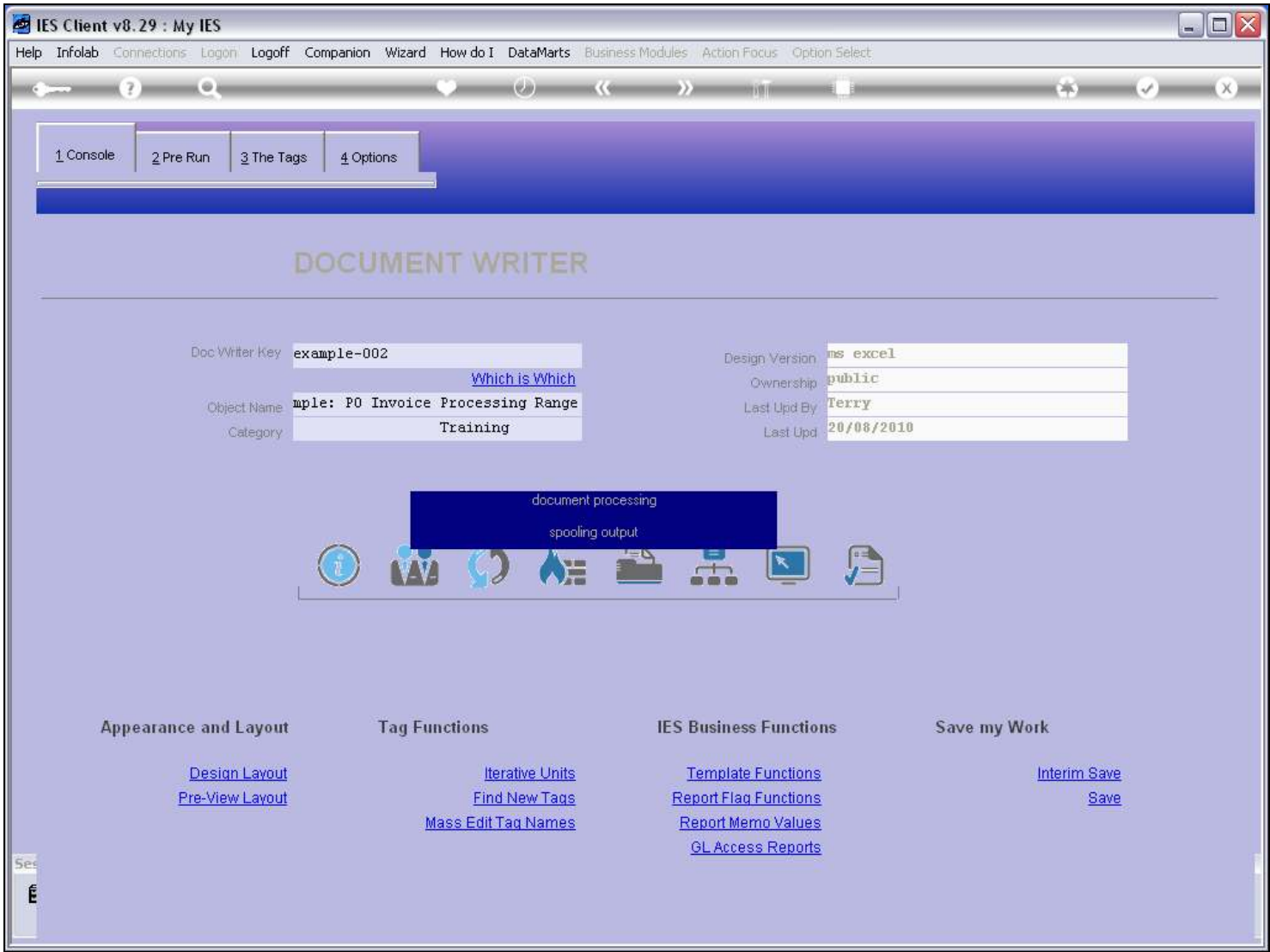
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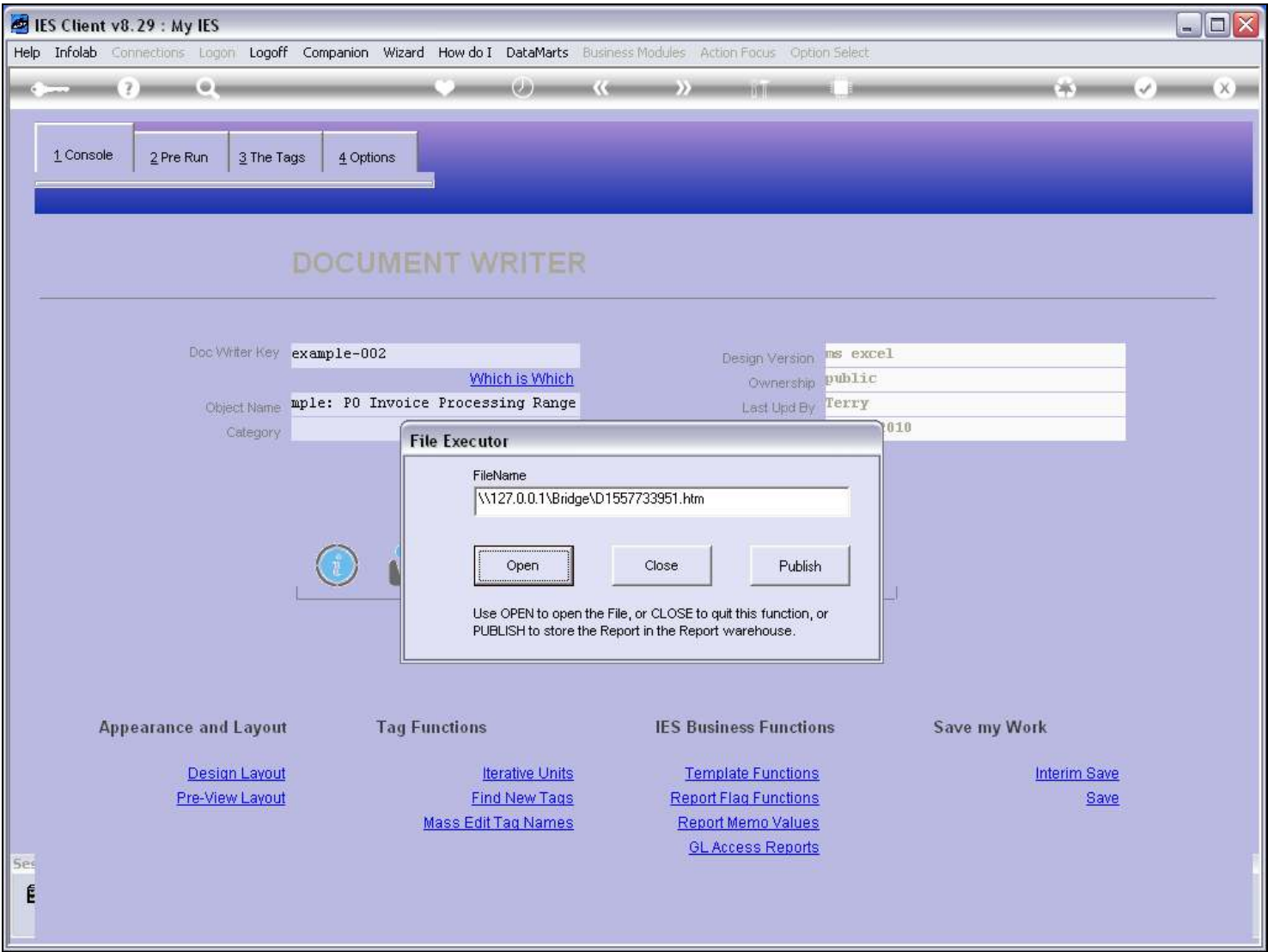
Slide notes

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Slide notes

Slide 24 - Slide 24



Slide notes