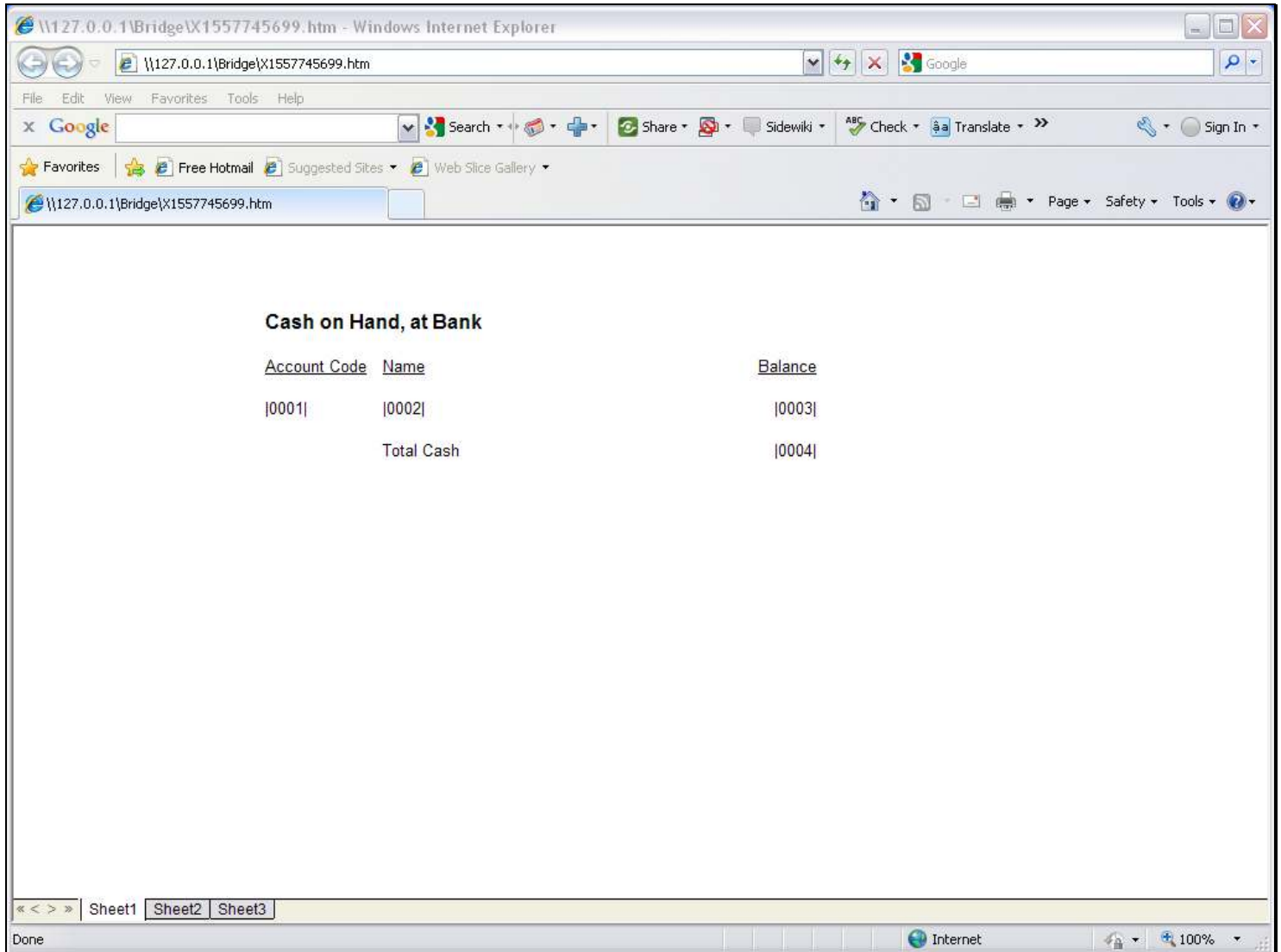
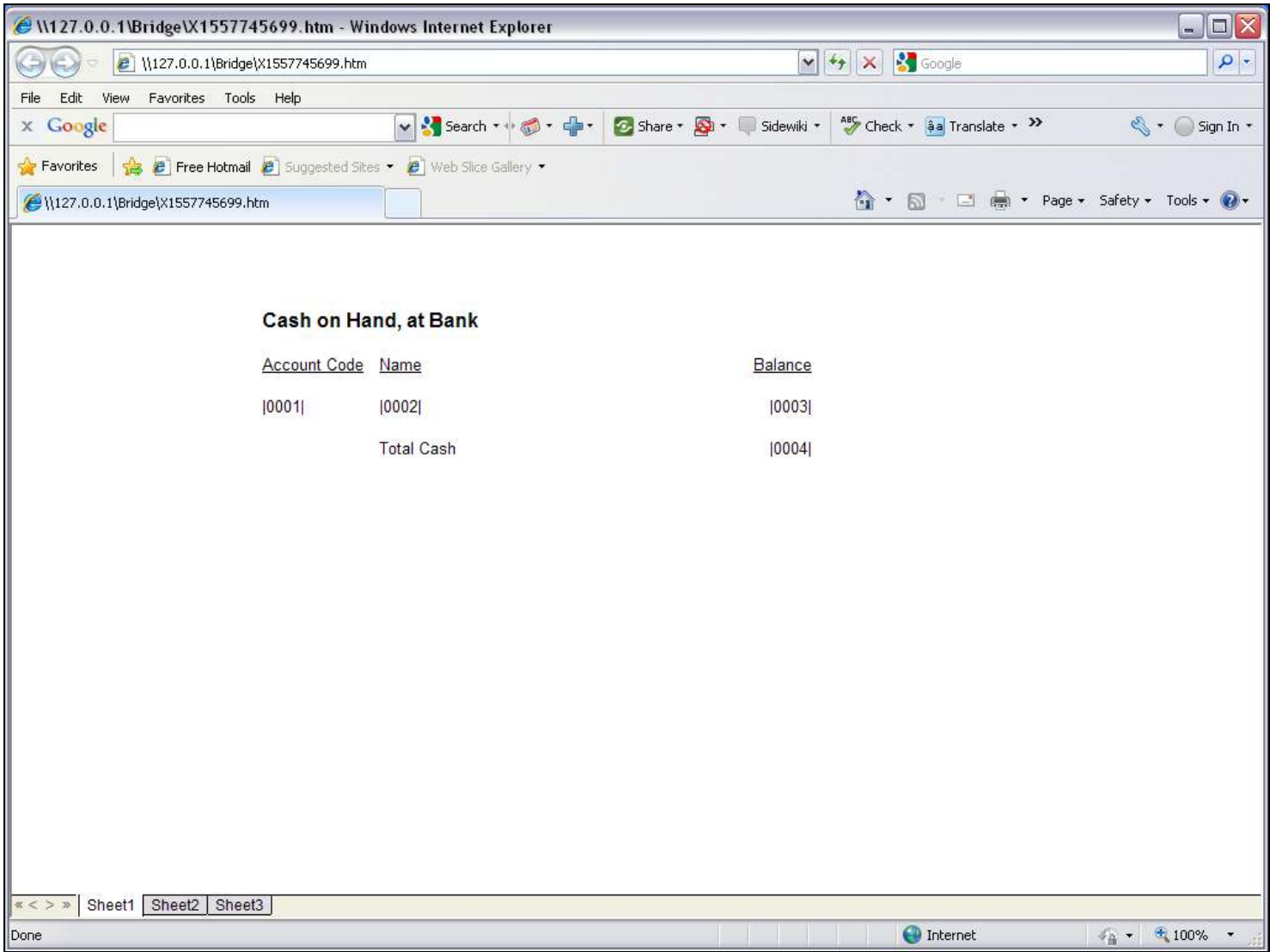


a

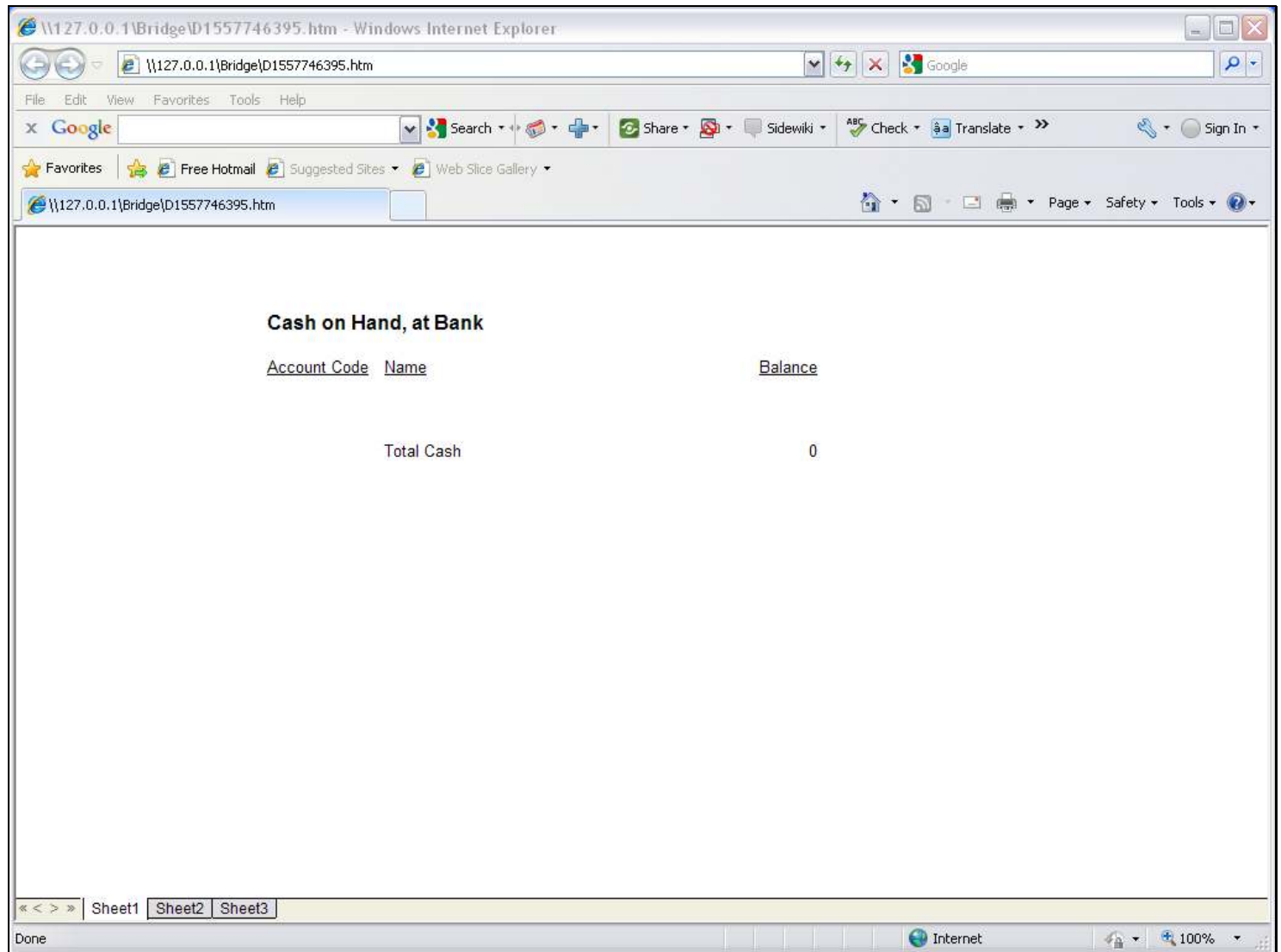
Slide 1 - Slide 1**Slide notes**

Here we show a Layout with a Unit Line. This Unit, once it is working, will show the Bank Account Balances.

Slide 2 - Slide 2

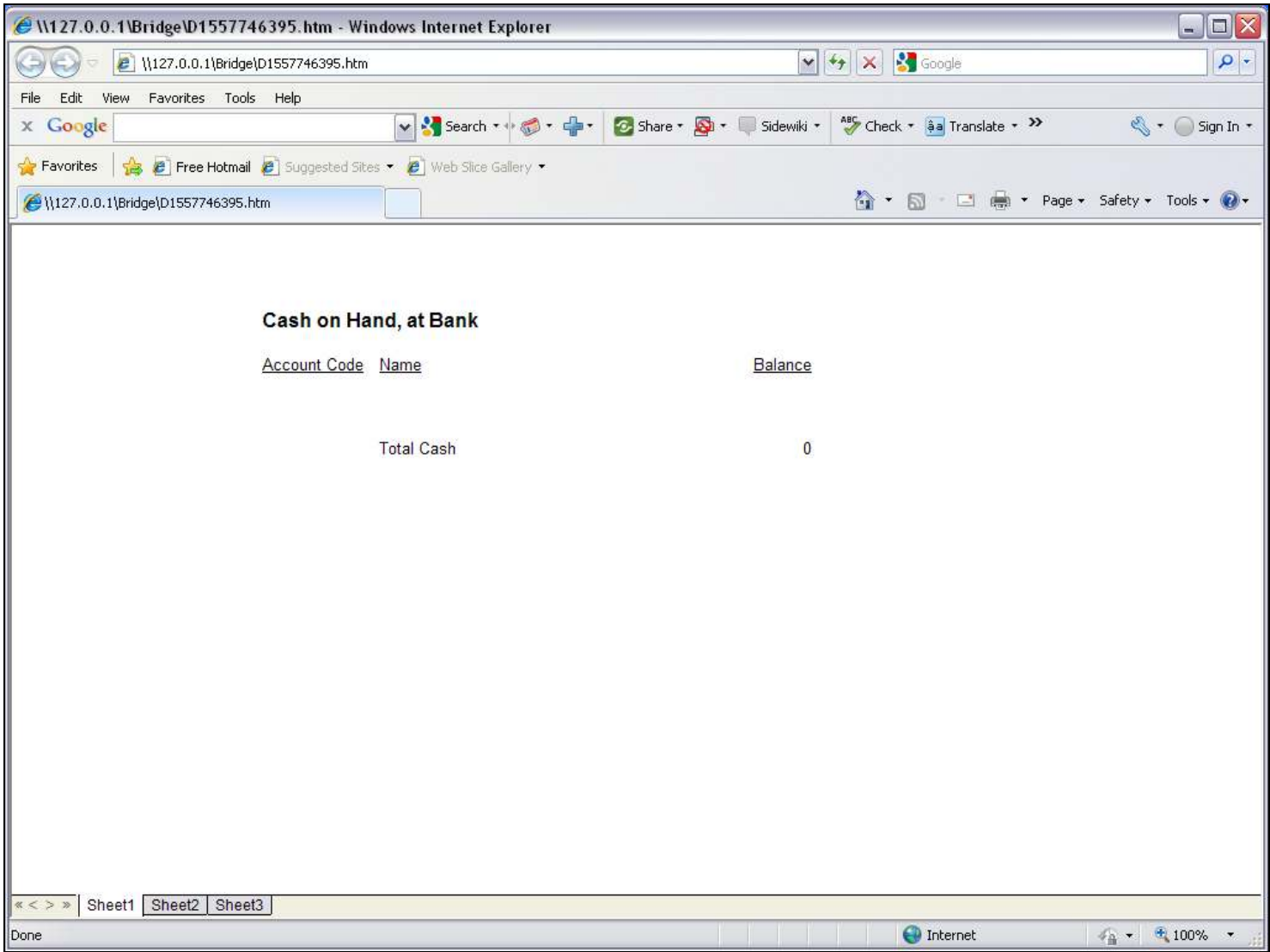


Slide notes

Slide 3 - Slide 3**Slide notes**

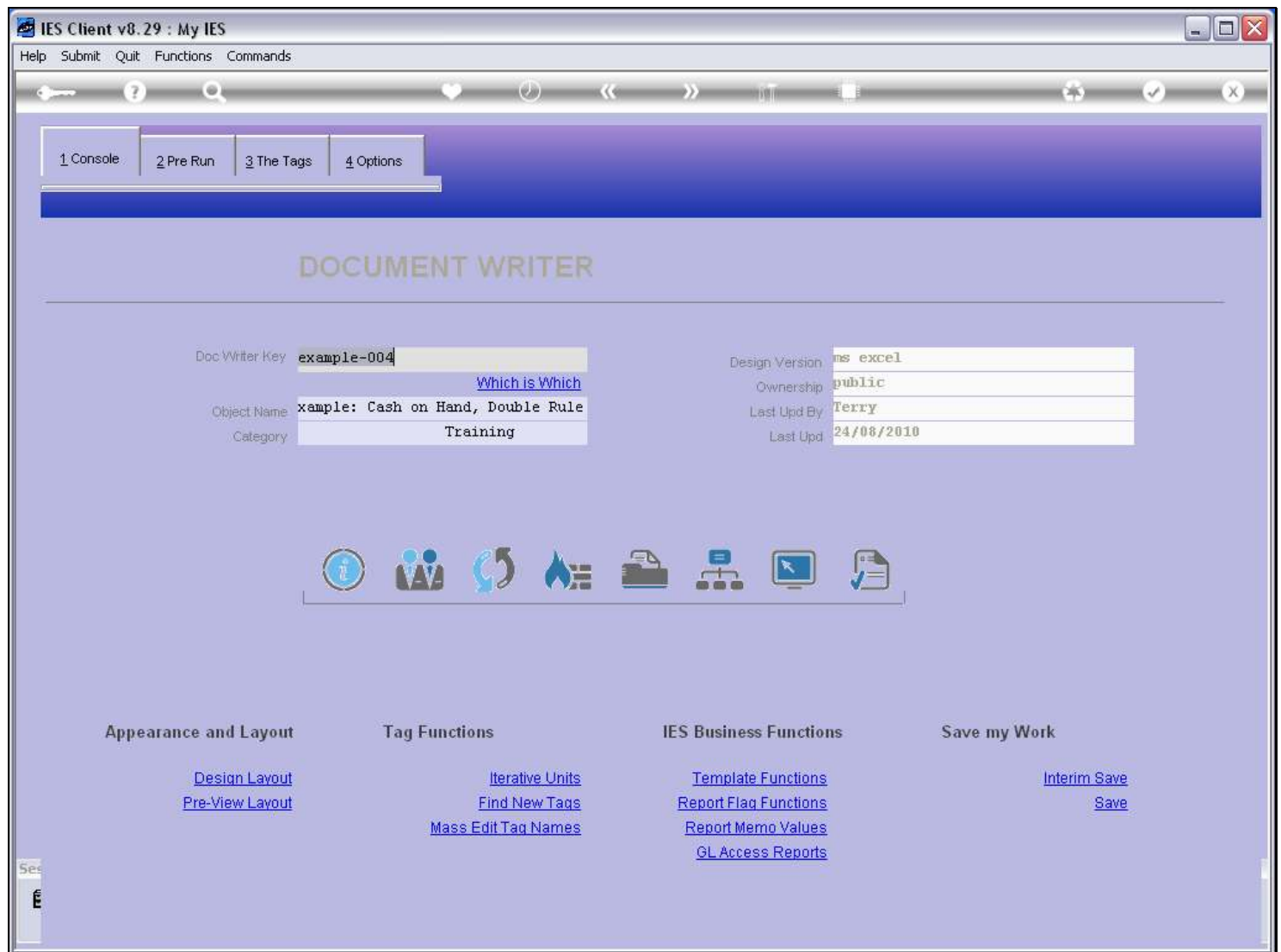
But at the moment, when we test the report, there is no result for the Unit. That is because we do not have the Unit Call properly specified yet, and we want to use the Iteration Keys type of Unit, with GL Double Rule, which will be perfect for this Unit to select the required Ledger Account Keys.

Slide 4 - Slide 4



Slide notes

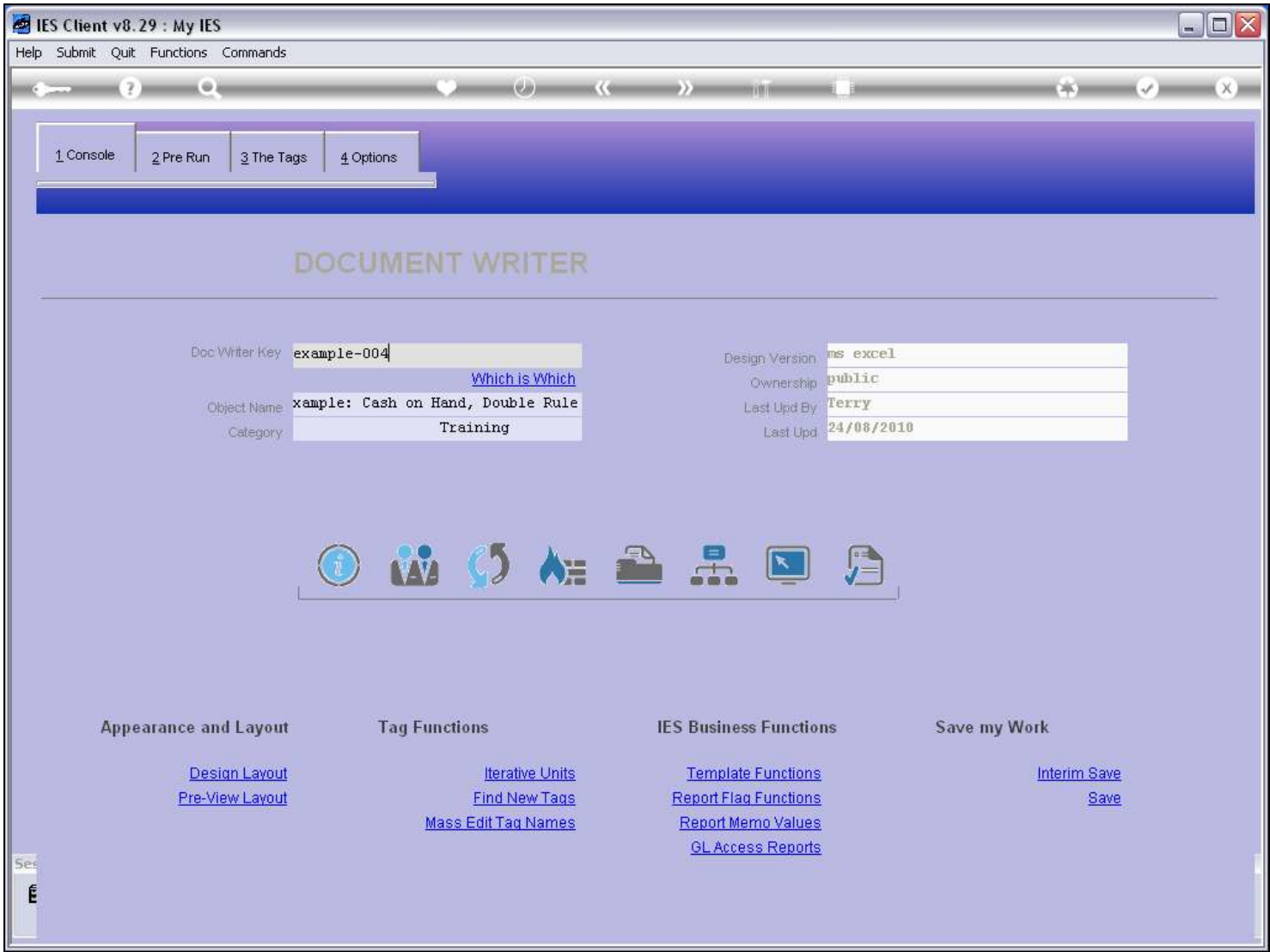
Slide 5 - Slide 5



Slide notes

We are using a Report from the System Example Series.

Slide 6 - Slide 6



Slide notes

Slide 7 - Slide 7

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 help, search, heart, clock, left arrow, right arrow, print, save, 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. The main content area is divided into two sections. The first section is titled "PRE RUN PARAMETERS: -" and contains a "Pre Run Process" field, a "Results File" field, a "Results Key" field, a "Proceed on Field #" field, and a "Conditional Value" field. To the right of these fields is a "Pre Run Assist" link and a circular icon with a person. The second section is titled "DIRECT REFERENCE DATA SOURCES: -" and contains a table with two columns: "Data Sources" and "Data Keys". The table has one row with the value "1" in the "Data Sources" column. To the right of the table is a circular icon with a person and a vertical scrollbar.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

1 Console 2 Pre Run 3 The Tags 4 Options

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	


Slide notes

For a Unit that works on the General Ledger, with Iteration Keys, we do not have to state a Data Source. If we need any Data Sources for other parts of the Report, then of course we can include them.

Slide 8 - Slide 8

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, print, 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: -



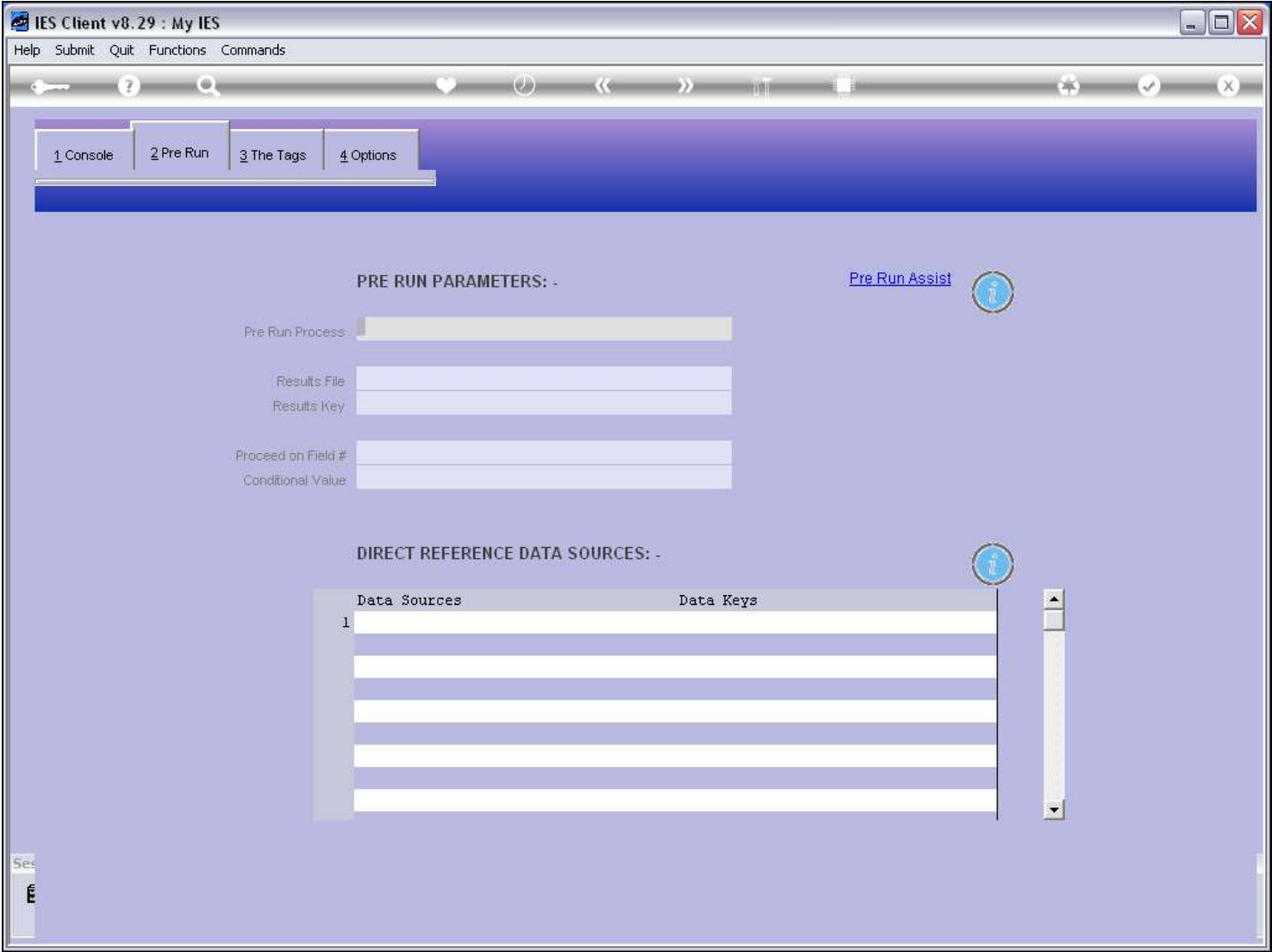
	Data Sources	Data Keys
1	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>

Nex Pre Add Ins Ed Del

Slide notes

We also do not need any Pre Run, but we can certainly include a Pre Run for Period selection if we want to.

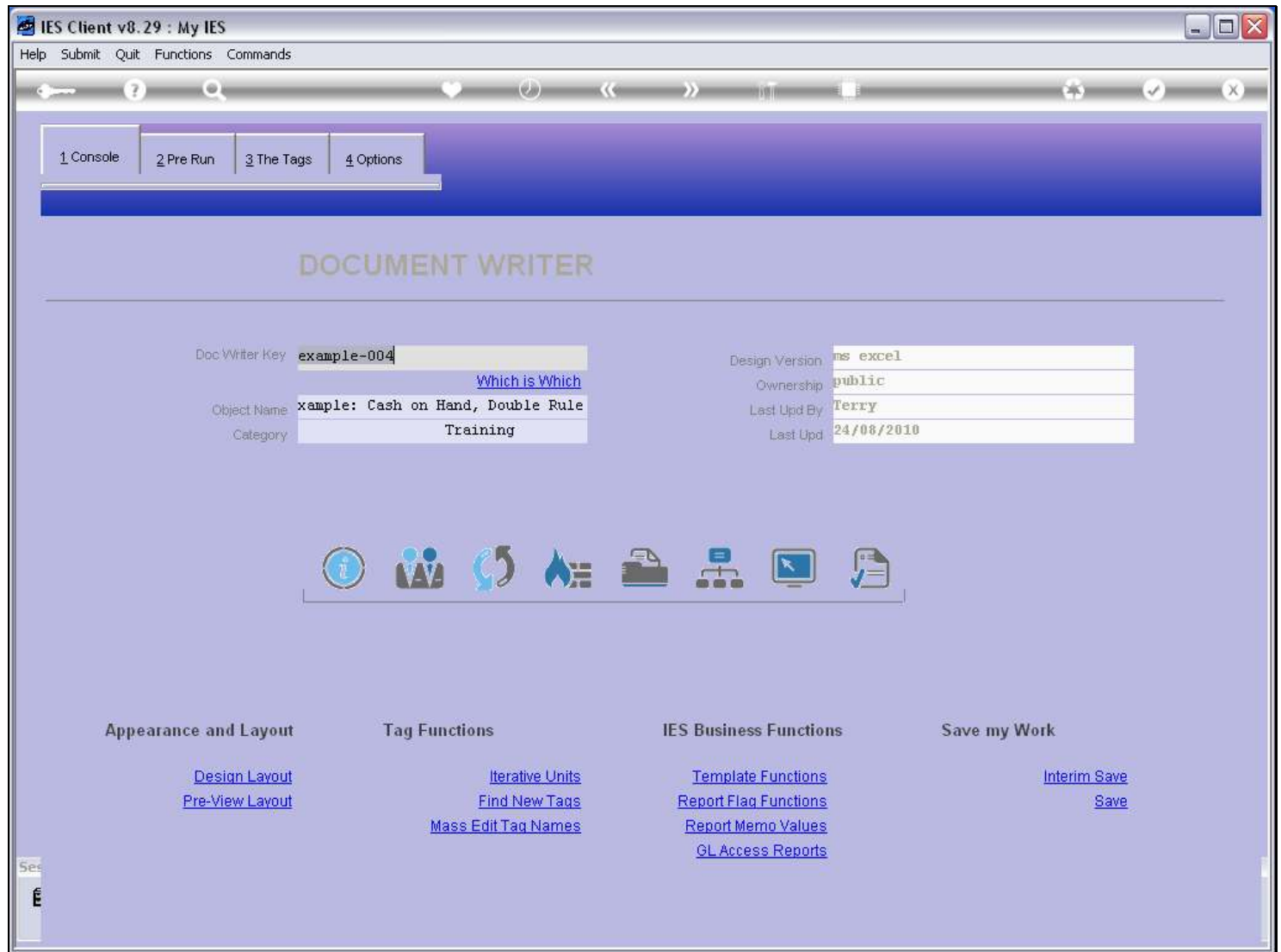
Slide 9 - Slide 9



Slide notes

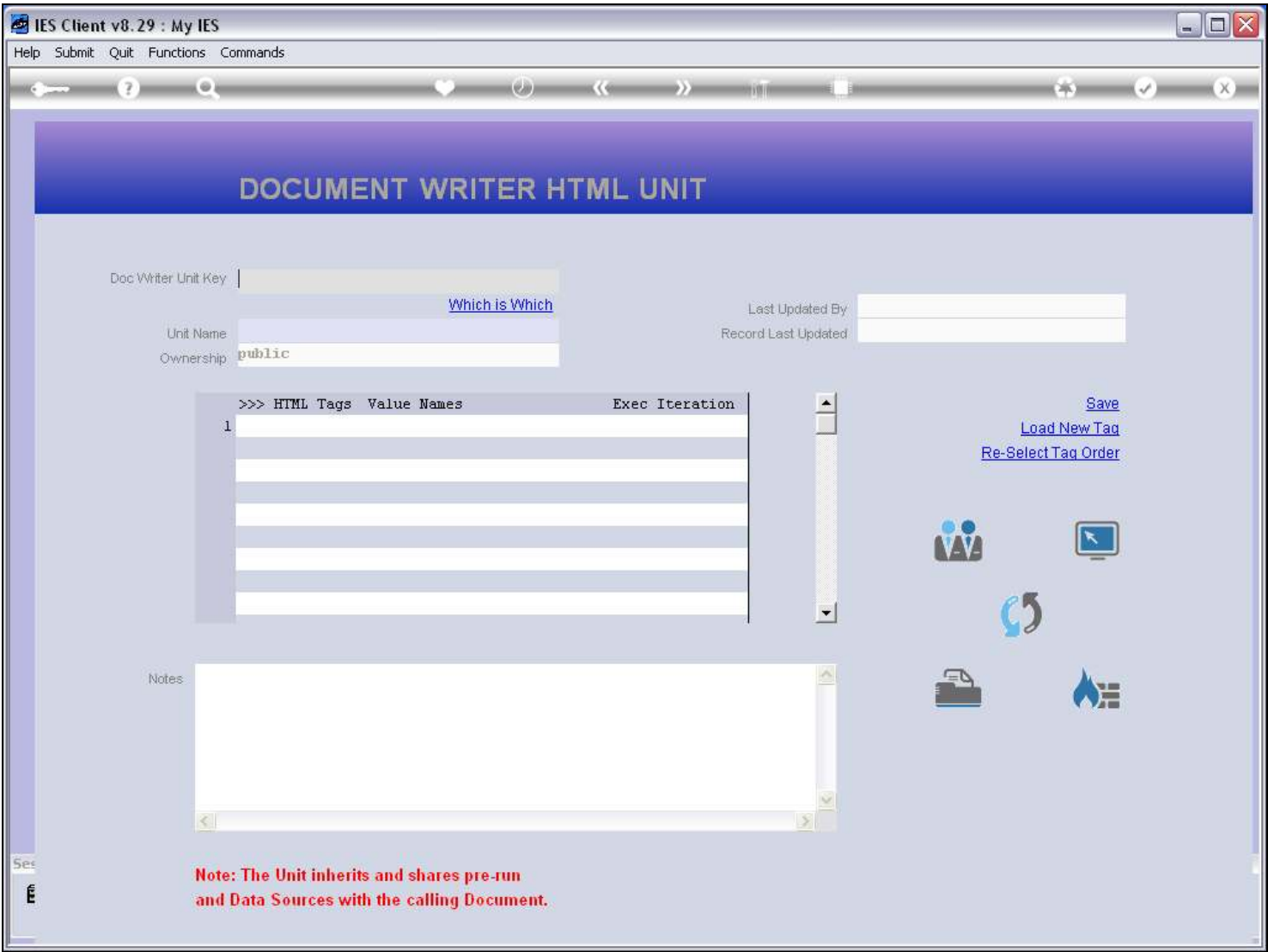
[illegible]

On the Tag List, we see the 3 Tags for the Unit, although the Unit Call itself is not yet properly specified.

Slide 11 - Slide 11**Slide notes**

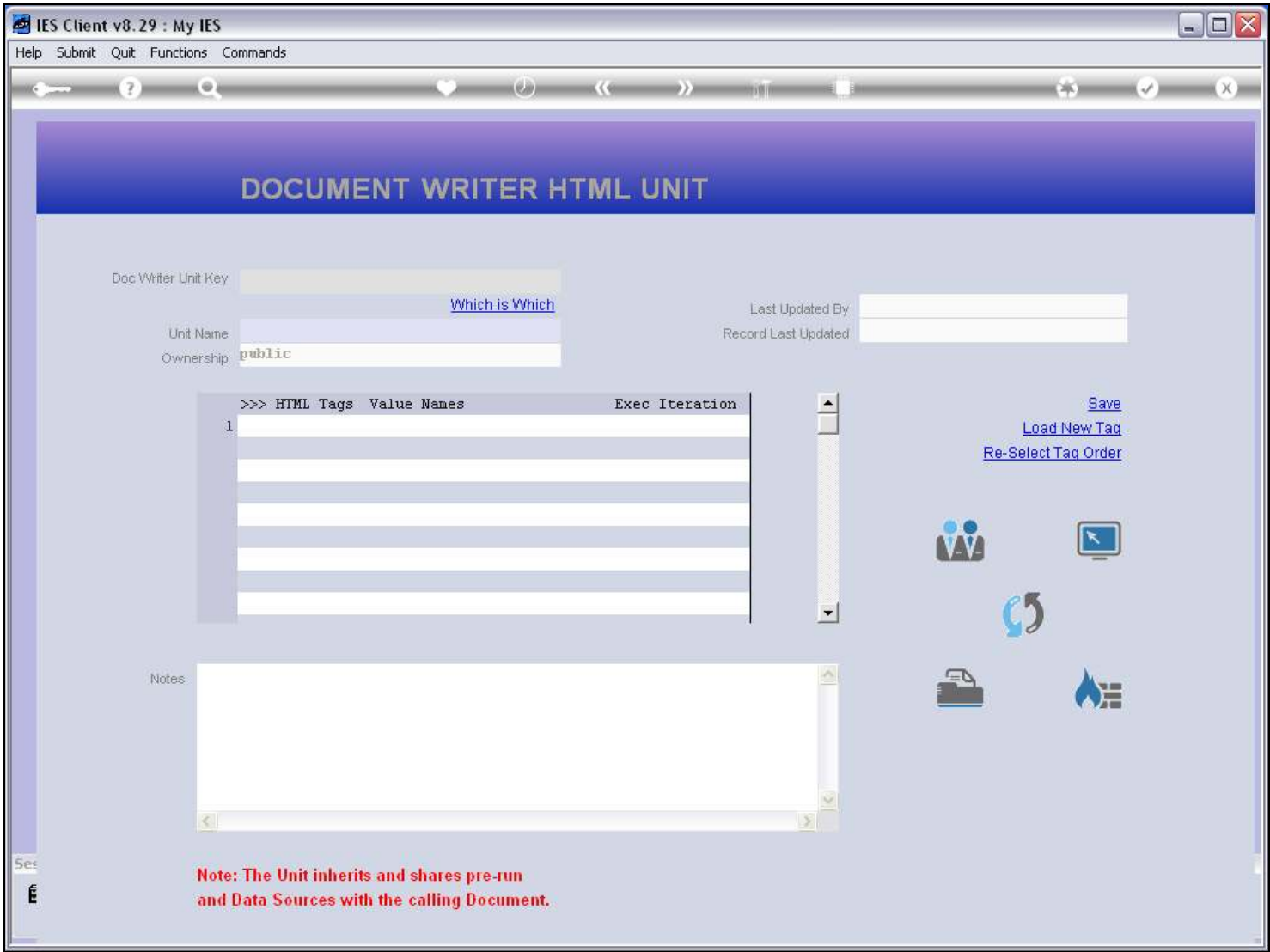
We will first have a look at the Unit that we are going to call.

Slide 12 - Slide 12



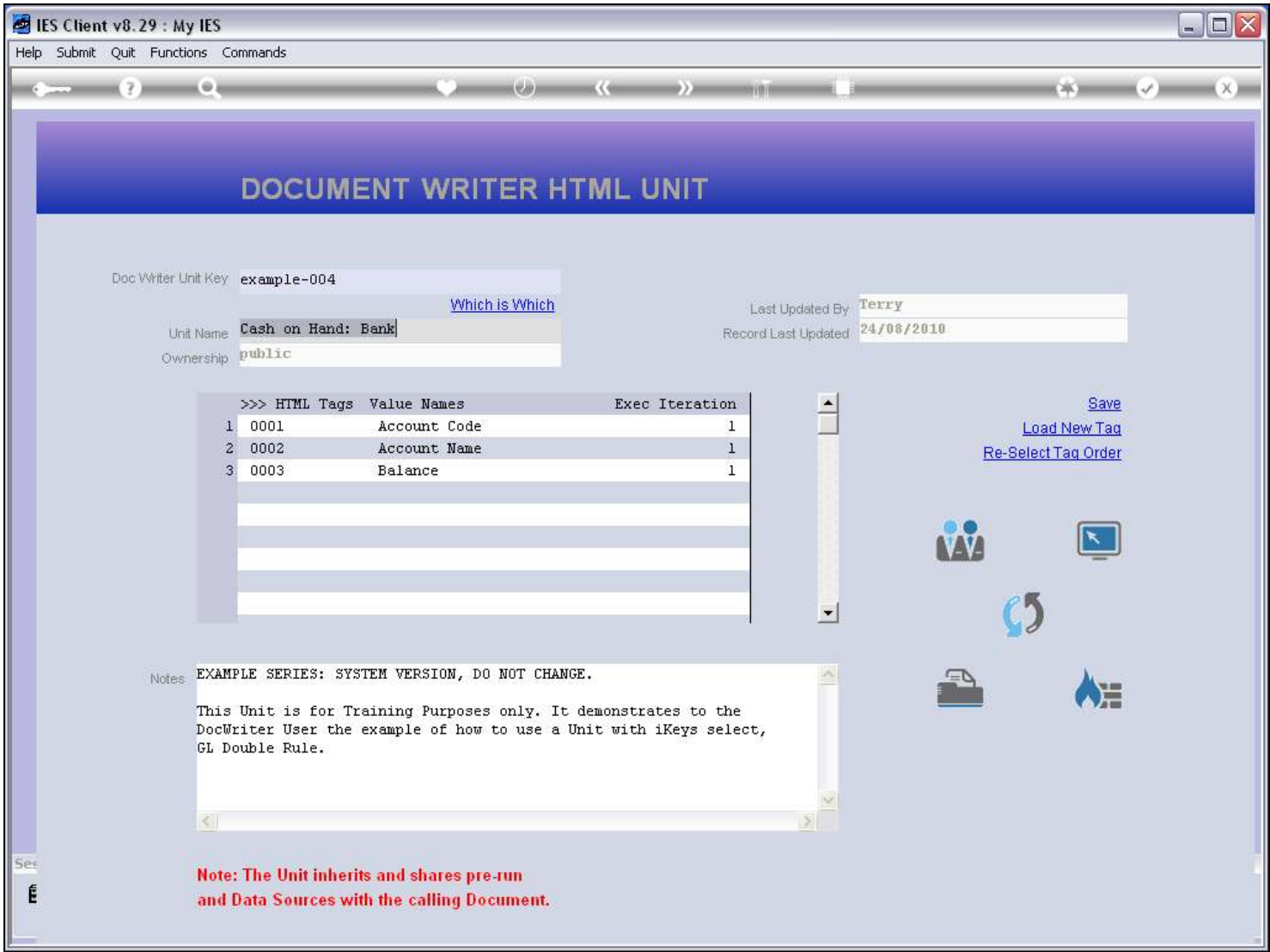
Slide notes

Slide 13 - Slide 13



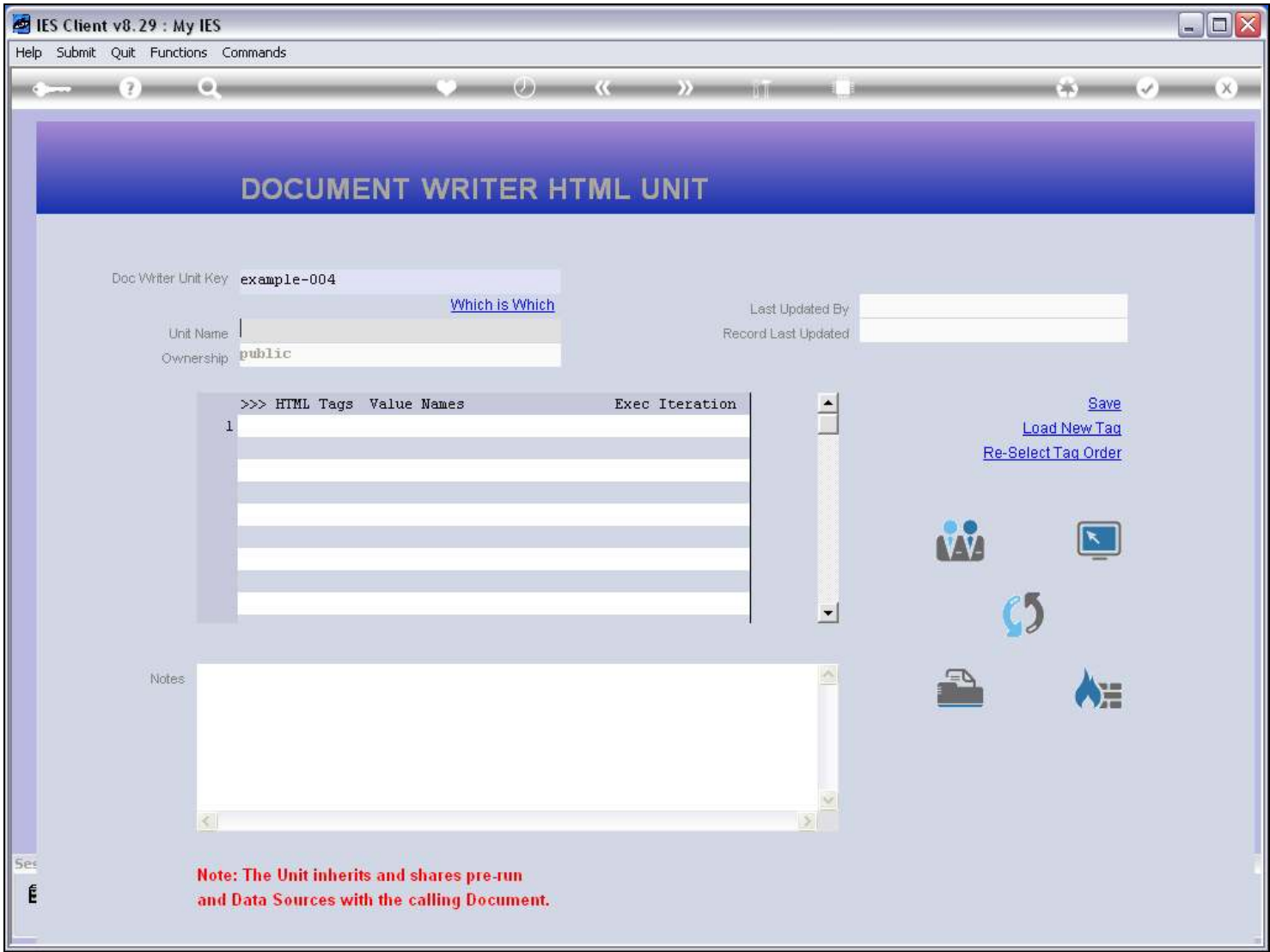
Slide notes

Slide 14 - Slide 14



Slide notes

Slide 15 - Slide 15



Slide notes

Slide 16 - Slide 16

The screenshot shows the IES Client v8.29 window with the title bar 'My IES'. The menu bar includes 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. The toolbar contains icons for key, help, search, heart, clock, left arrow, right arrow, list, print, refresh, checkmark, and close. The main content area is titled 'TEMPLATE 011: GL Alpha-Numeric with IKEY' and features a blue question mark icon in the top right corner.

Configuration fields include:

- TAG #: 0002
- Name: Account Name
- Tag Addressing: relative
- Name # 1 (Mandatory): 1:descr LEDGER: Account Name
- Alignment: 1: left justified
- Result Width: 40
- Bold?: normal
- Underline?: normal
- Tag Result: always return a result
- Operator: =
- Conditional Value: (empty)

Actions: [Remove Template](#), [Copy Template](#), [Reveal Logic](#), [Save](#)

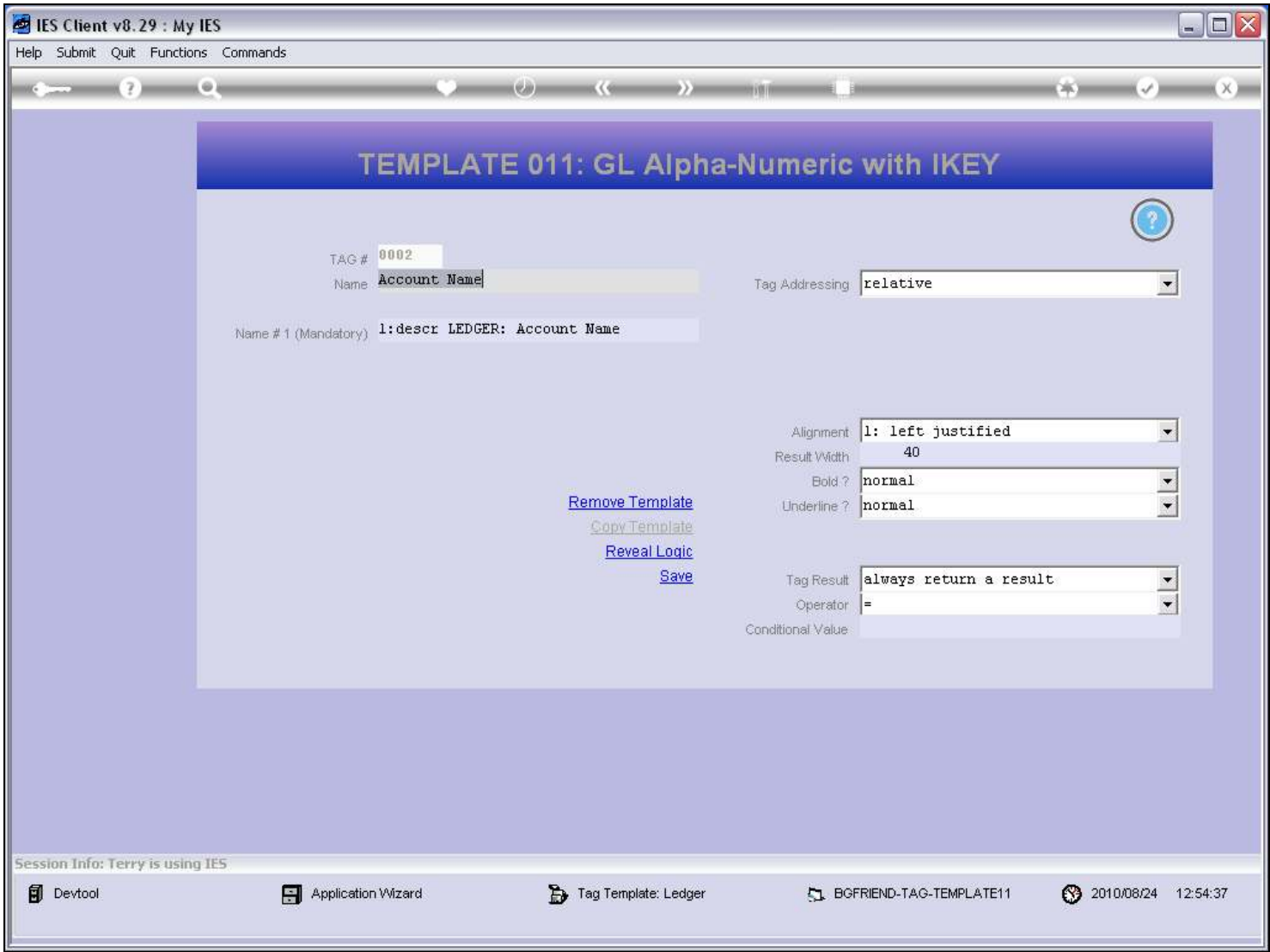
Session Info: Terry is using IES

Bottom status bar: Devtool, Application Wizard, Tag Template: Ledger, BGFRIEND-TAG-TEMPLATE11, 2010/08/24 12:54:36

Slide notes

In the Unit itself, which is based on the GL, we will typically use the 2 GL Name Templates, 1 for Numbers and the other for Alphas.

Slide 17 - Slide 17



Slide notes

Slide 18 - Slide 18

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

DOCUMENT WRITER HTML UNIT

Doc Writer Unit Keyexample-004

Unit NameCash on Hand: Bank

Ownershippublic

Which is Which

Last Updated ByTerry

Record Last Updated24/08/2010

>>> HTML Tags	Value Names	Exec Iteration
1 0001	Account Code	1
2 0002	Account Name	1
3 0003	Balance	1

NexPreAddInsEdDel

Save

Load New Tag

Re-Select Tag Order

Notes

EXAMPLE SERIES: SYSTEM VERSION, DO NOT CHANGE.

This Unit is for Training Purposes only. It demonstrates to the DocWriter User the example of how to use a Unit with iKeys select, GL Double Rule.

Note: The Unit inherits and shares pre-run and Data Sources with the calling Document.

Slide notes

Slide 19 - Slide 19

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

DOCUMENT WRITER HTML UNIT

Doc Writer Unit Keyexample-004

Unit NameCash on Hand: Bank

Ownershippublic

Which is Which

Last Updated ByTerry

Record Last Updated24/08/2010

>>> HTML Tags	Value Names	Exec Iteration
1 0001	Account Code	1
2 0002	Account Name	1
3 0003	Balance	1

NexPreAddInsEdDel

Save

Load New Tag

Re-Select Tag Order

Notes

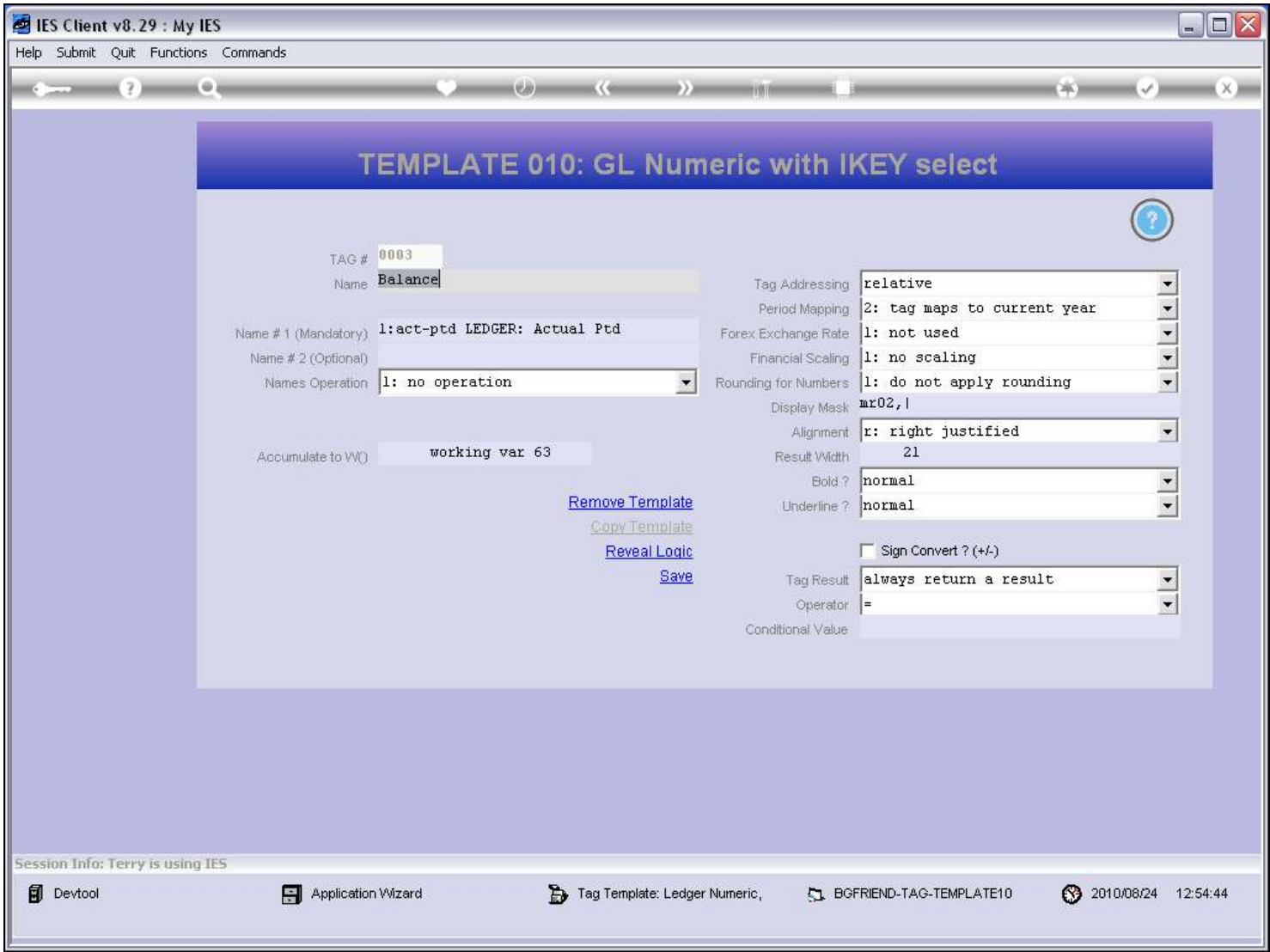
EXAMPLE SERIES: SYSTEM VERSION, DO NOT CHANGE.

This Unit is for Training Purposes only. It demonstrates to the DocWriter User the example of how to use a Unit with iKeys select, GL Double Rule.

Note: The Unit inherits and shares pre-run and Data Sources with the calling Document.

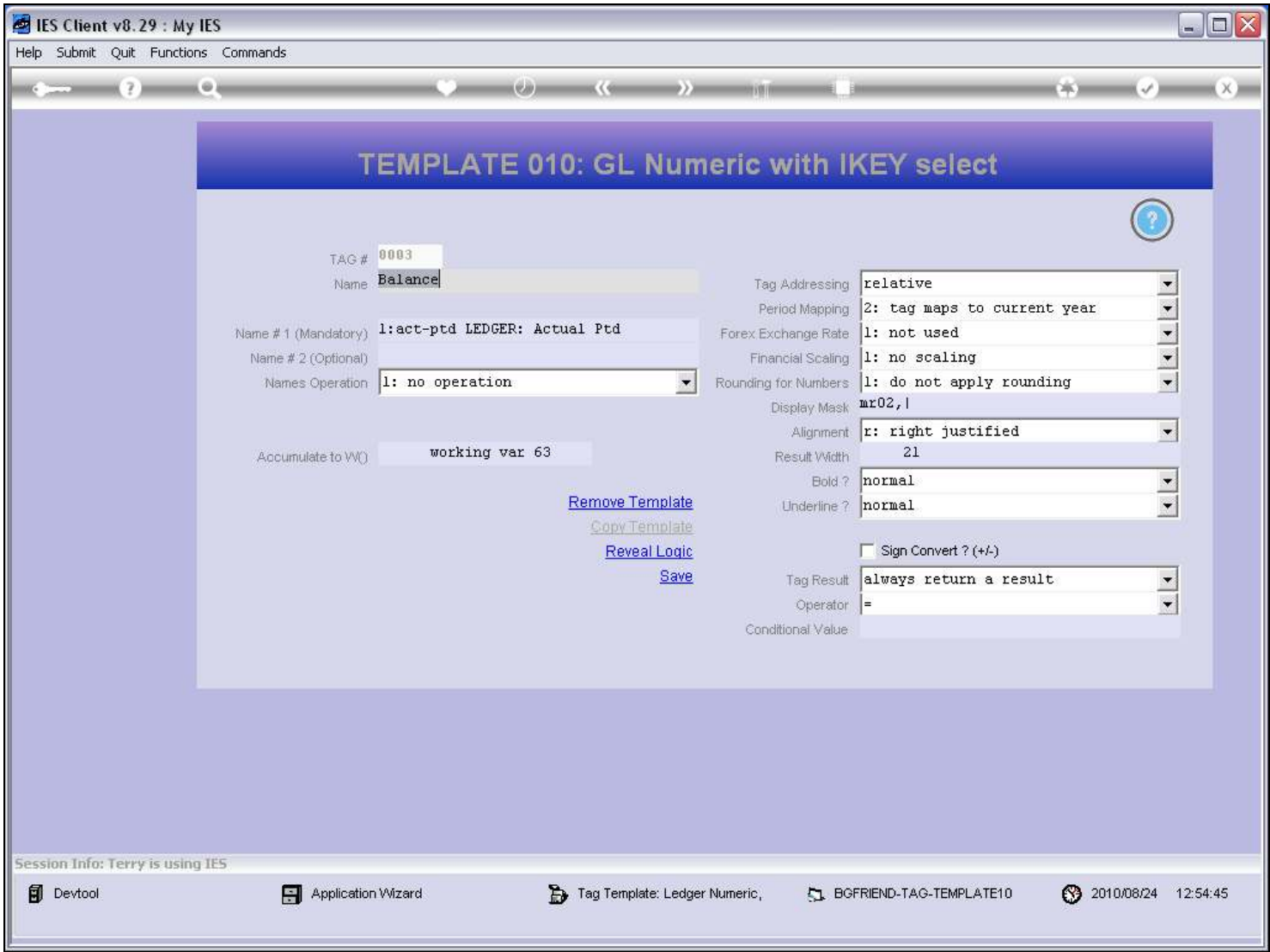
Slide notes

Slide 20 - Slide 20



Slide notes

Slide 21 - Slide 21



Slide notes

Slide 22 - Slide 22

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

DOCUMENT WRITER HTML UNIT

Doc Writer Unit Keyexample-004

Unit NameCash on Hand: Bank

Ownershippublic

Which is Which

Last Updated ByTerry

Record Last Updated24/08/2010

>>> HTML Tags	Value Names	Exec Iteration
1 0001	Account Code	1
2 0002	Account Name	1
3 0003	Balance	1

NexPreAddInsEdDel

Save

Load New Tag

Re-Select Tag Order

Notes

EXAMPLE SERIES: SYSTEM VERSION, DO NOT CHANGE.

This Unit is for Training Purposes only. It demonstrates to the DocWriter User the example of how to use a Unit with iKeys select, GL Double Rule.

Note: The Unit inherits and shares pre-run and Data Sources with the calling Document.

Slide notes

Slide 23 - Slide 23

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

DOCUMENT WRITER HTML UNIT

Doc Writer Unit Keyexample-004

Unit NameCash on Hand: Bank

Ownershippublic

Which is Which

Last Updated ByTerry

Record Last Updated24/08/2010






>>> HTML Tags	Value Names	Exec Iteration
1 0001	Account Code	1
2 0002	Account Name	1
3 0003	Balance	1

NexPreAddInsEdDel

Save

Load New Tag

Re-Select Tag Order



Notes

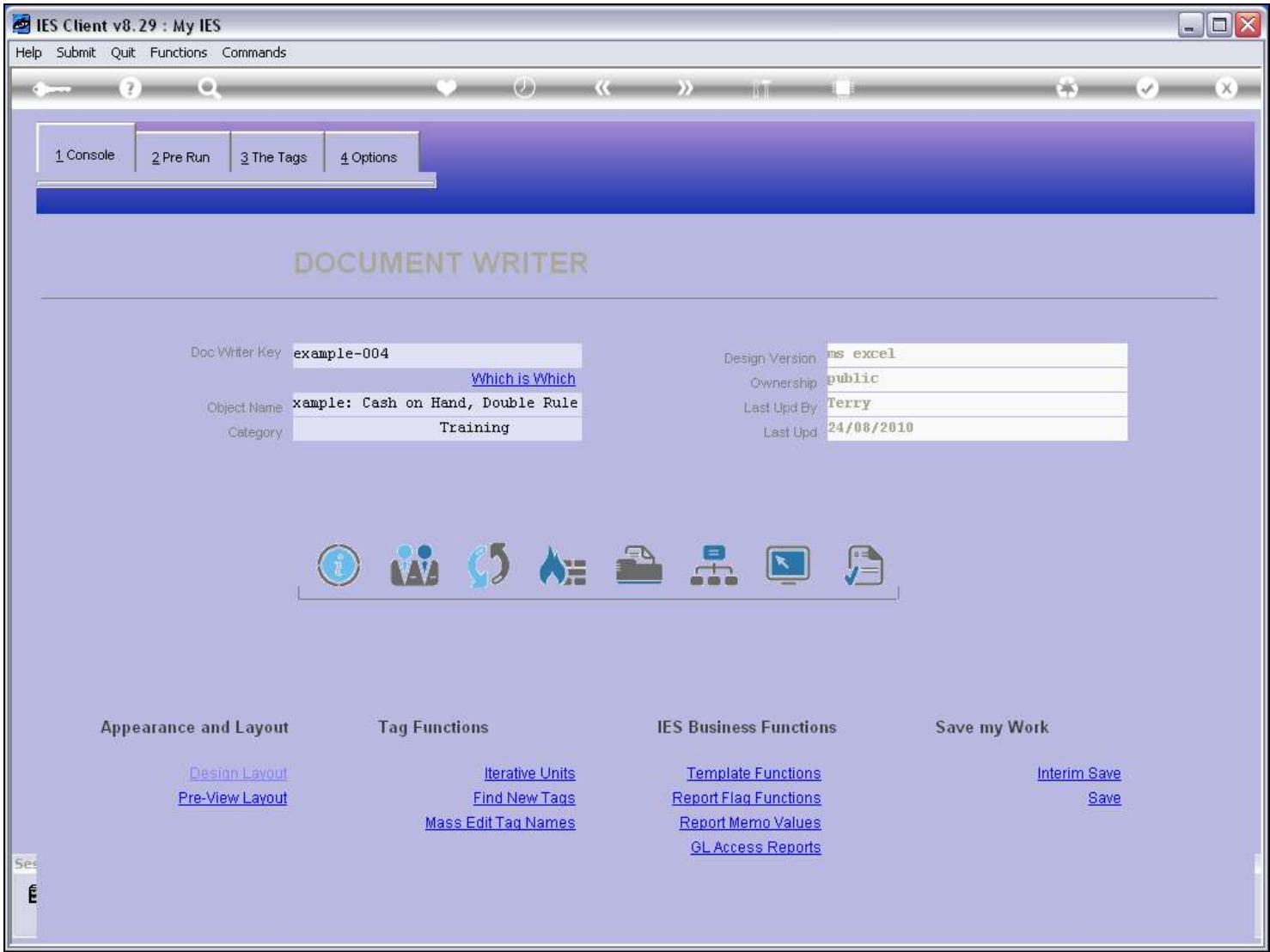
EXAMPLE SERIES: SYSTEM VERSION, DO NOT CHANGE.

This Unit is for Training Purposes only. It demonstrates to the DocWriter User the example of how to use a Unit with iKeys select, GL Double Rule.

Note: The Unit inherits and shares pre-run and Data Sources with the calling Document.

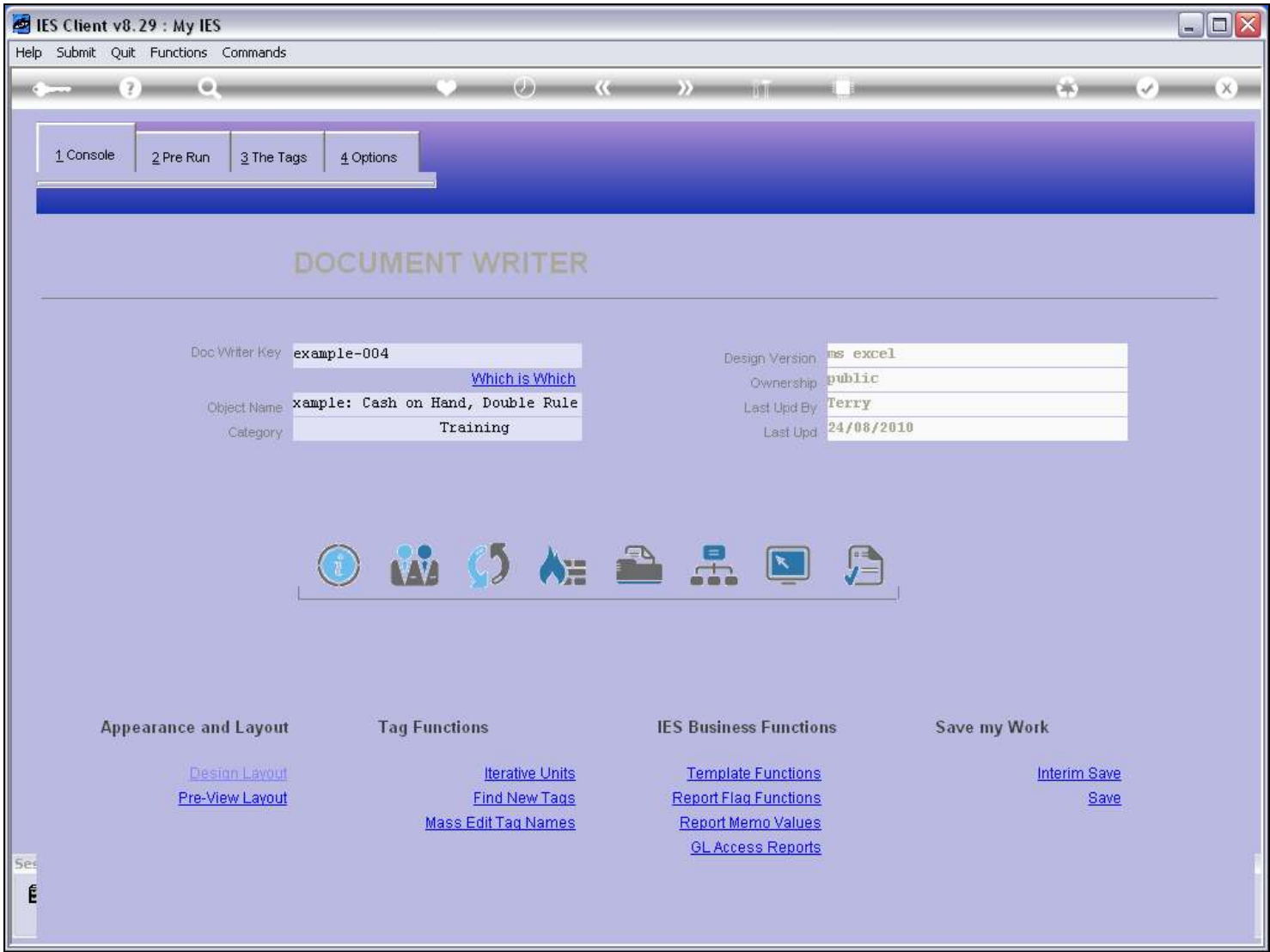
Slide notes

Slide 24 - Slide 24



Slide notes

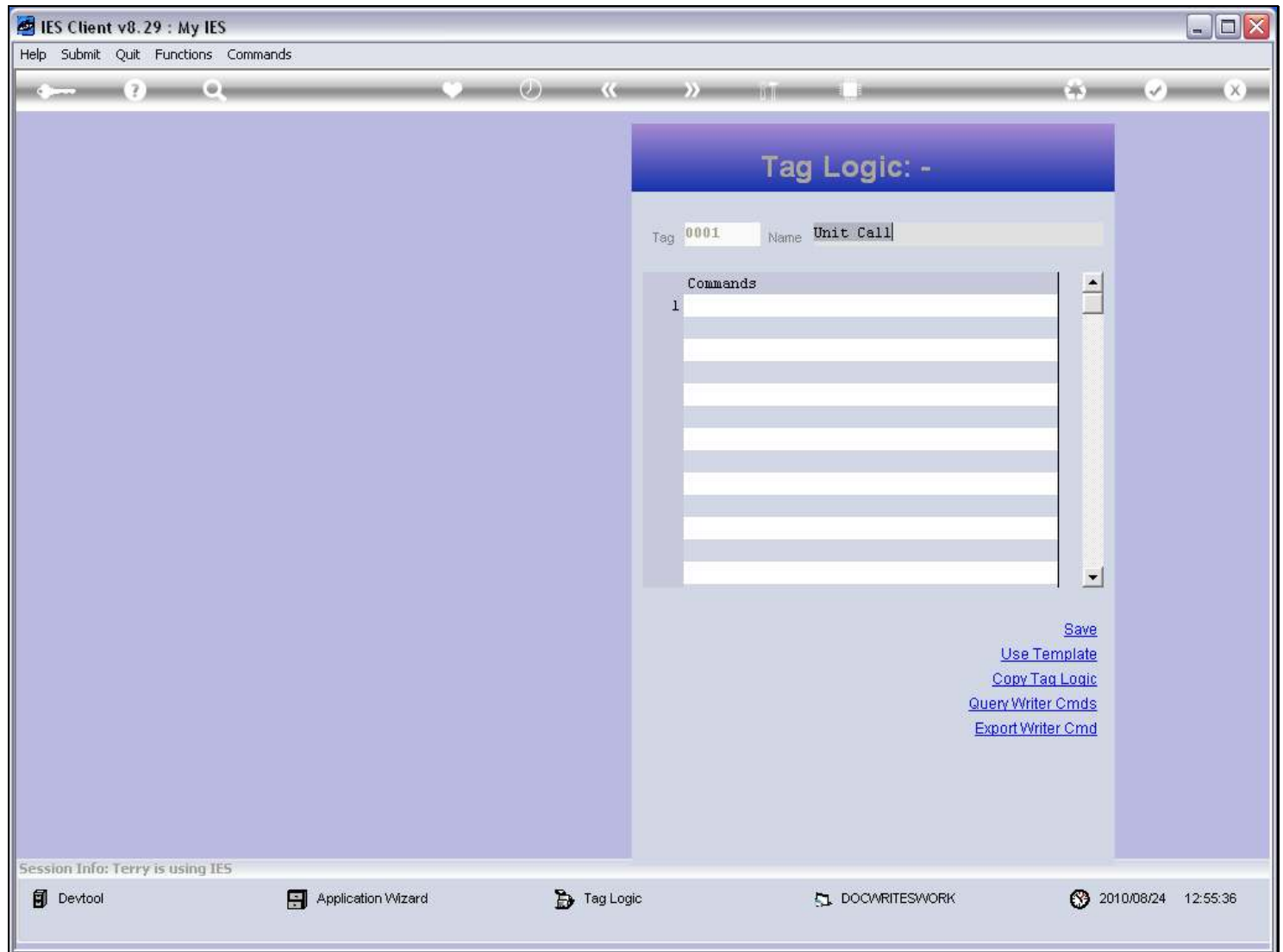
Slide 25 - Slide 25



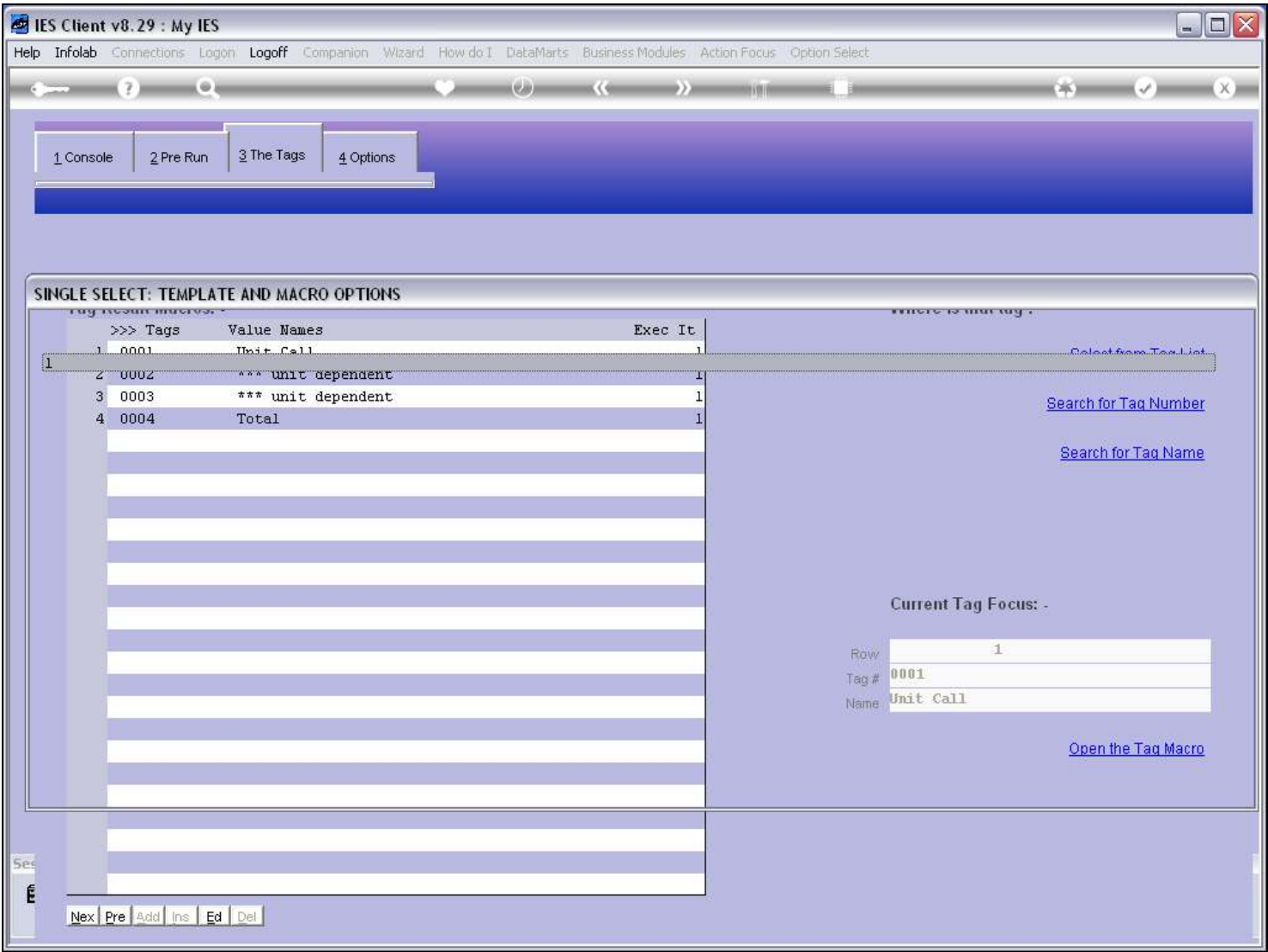
Slide notes

[illegible]

Now we will perform our Unit Call, which will be the Iteration Keys type, and based on the GL Double Rule selection option.

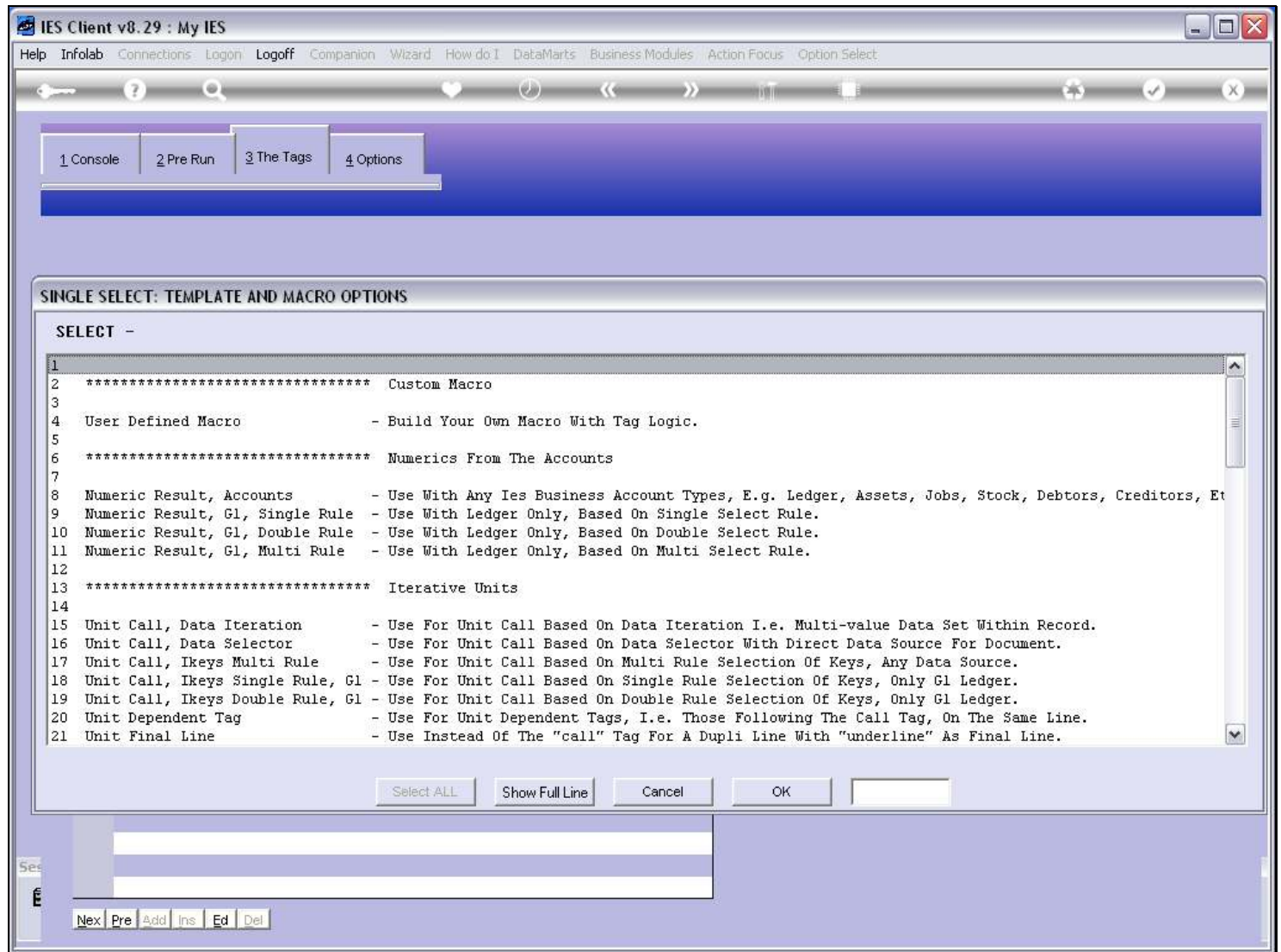
Slide 27 - Slide 27**Slide notes**

Slide 28 - Slide 28



Slide notes

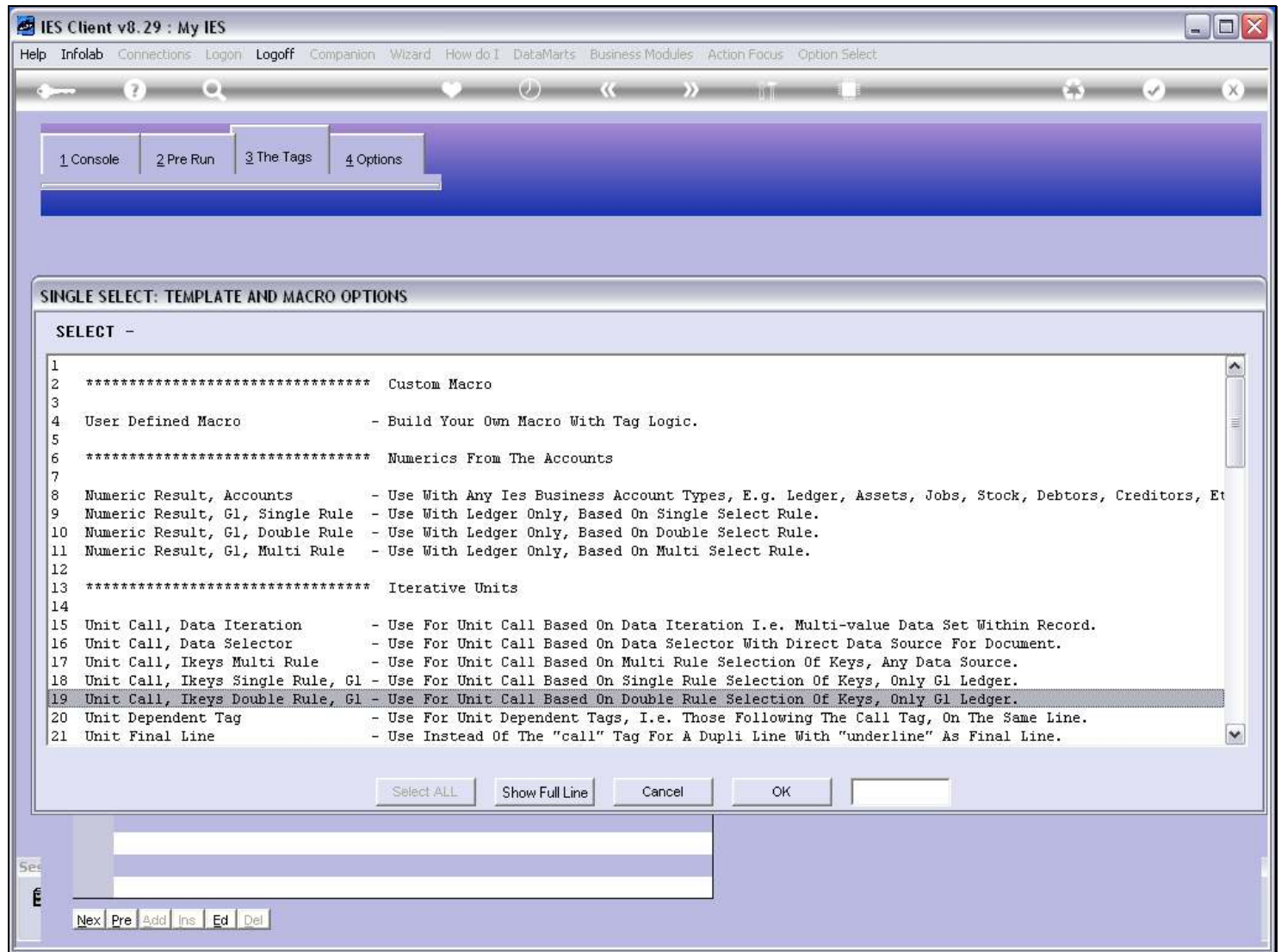
Slide 29 - Slide 29



Slide notes

For Iteration Keys type Unit Calls, we can use a Data Selector or a Multi Rule Selection, or, in the case of the General Ledger, we can also choose between the GL Single and Double Rule options.

Slide 30 - Slide 30



Slide notes

Slide 31 - Slide 31

The screenshot shows the IES Client v8.29 interface. The main window is titled 'TEMPLATE 009: Unit with IKEYS'. It contains a 'DOUBLE RULE -' section with the following fields:

- TAG #: 0001
- Unit Call: Unit Call
- 1st Account Selection Basis: (empty)
- Flag Value to Select: (empty)
- Rule: AND
- 2nd Account Selection Basis: (empty)
- Flag Value to Select: (empty)
- Unit to Call: (empty)
- Tag Result: always return a result
- Test Operator: =
- Conditional Value: (empty)

On the right side of the 'DOUBLE RULE -' section, there are four links: [Remove Template](#), [Copy Template](#), [Reveal Logic](#), and [Save](#).

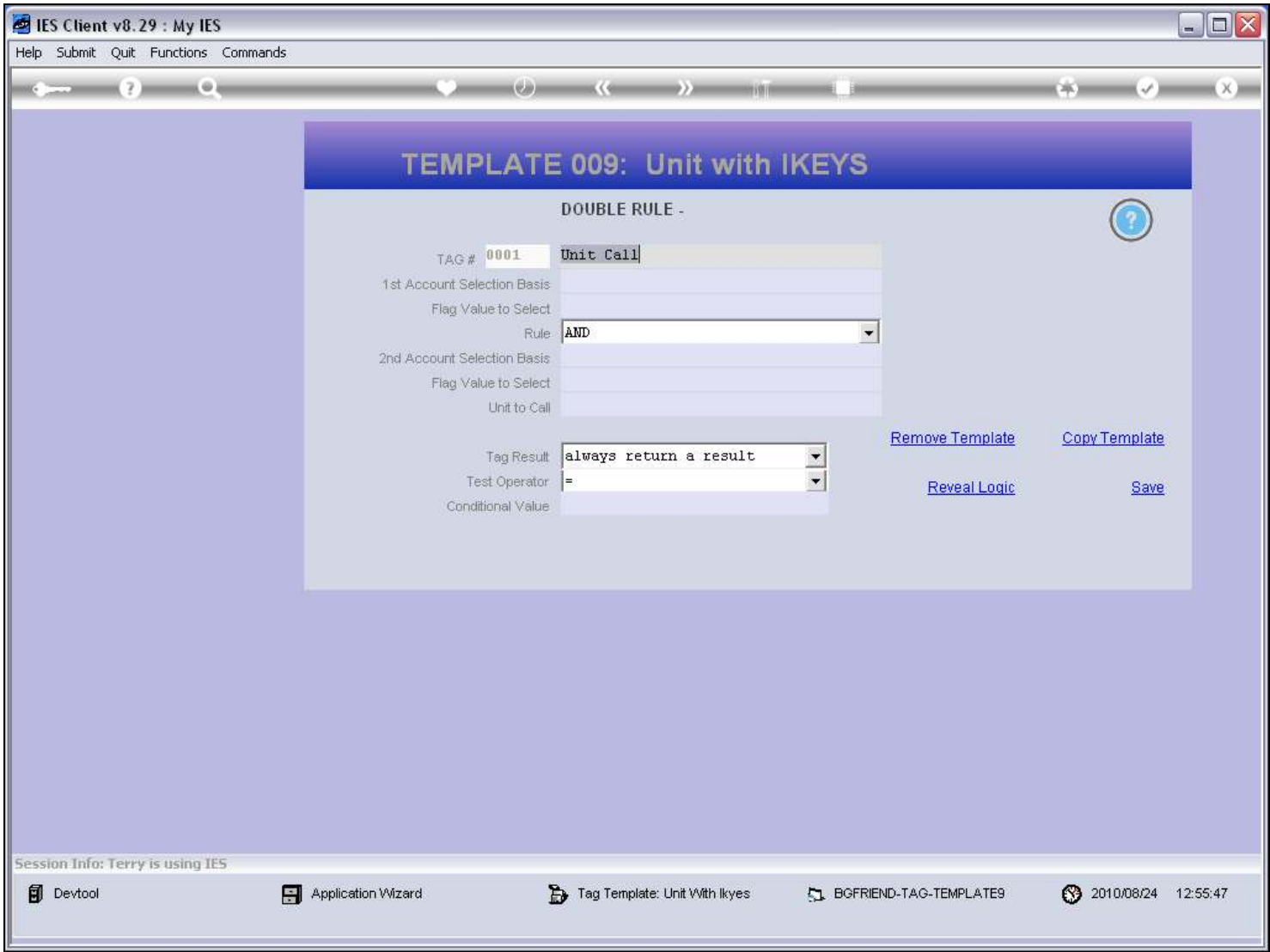
At the bottom of the window, there is a 'Session Info: Terry is using IES' bar with the following items:

- Devtool
- Application Wizard
- Tag Template: Unit With Ikeys
- BGFRIEND-TAG-TEMPLATE9
- 2010/08/24 12:55:47

Slide notes

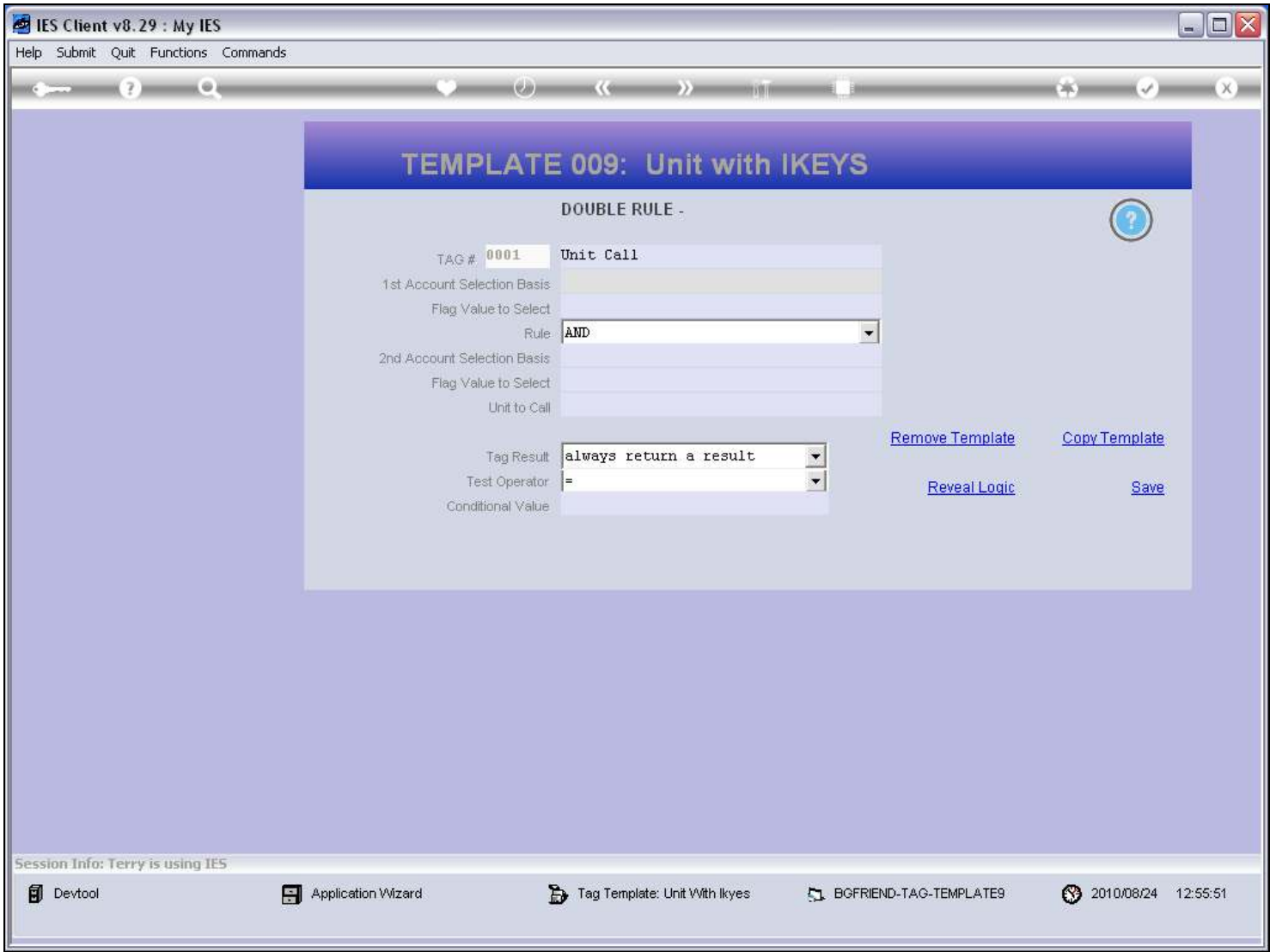
So this is the Template for GL Double Rule selection of Iteration Keys.

Slide 32 - Slide 32



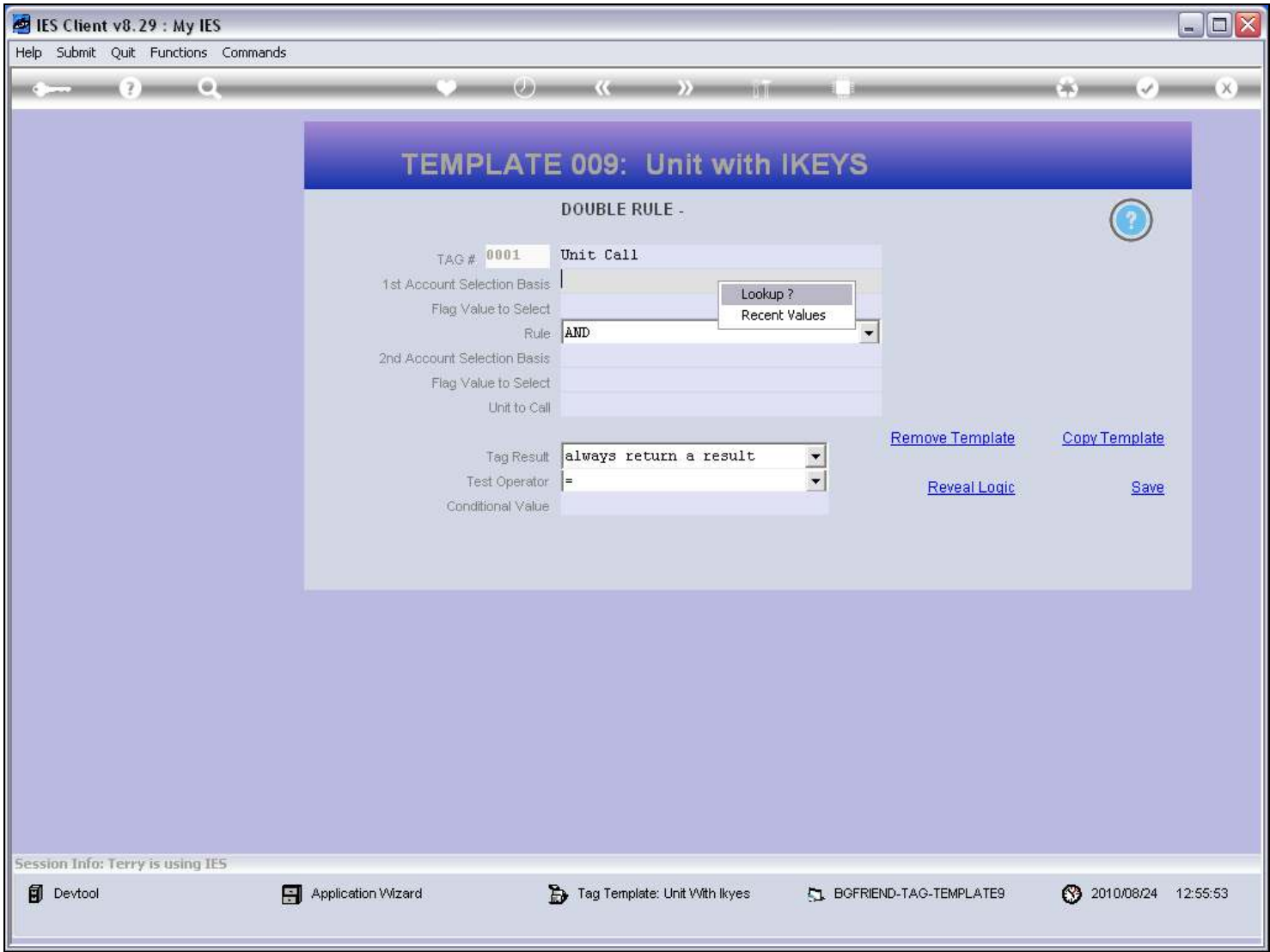
Slide notes

Slide 33 - Slide 33



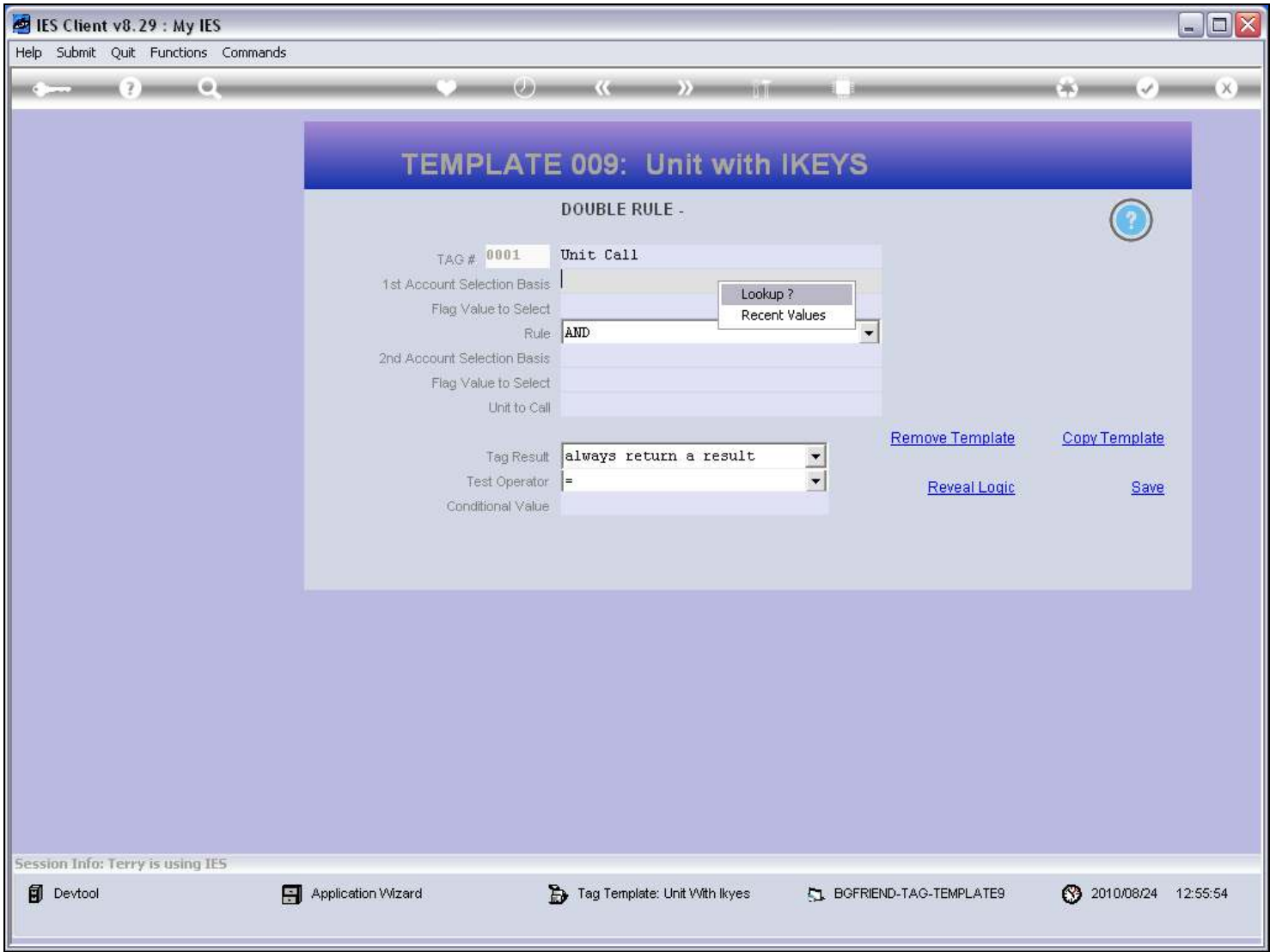
Slide notes

Slide 34 - Slide 34



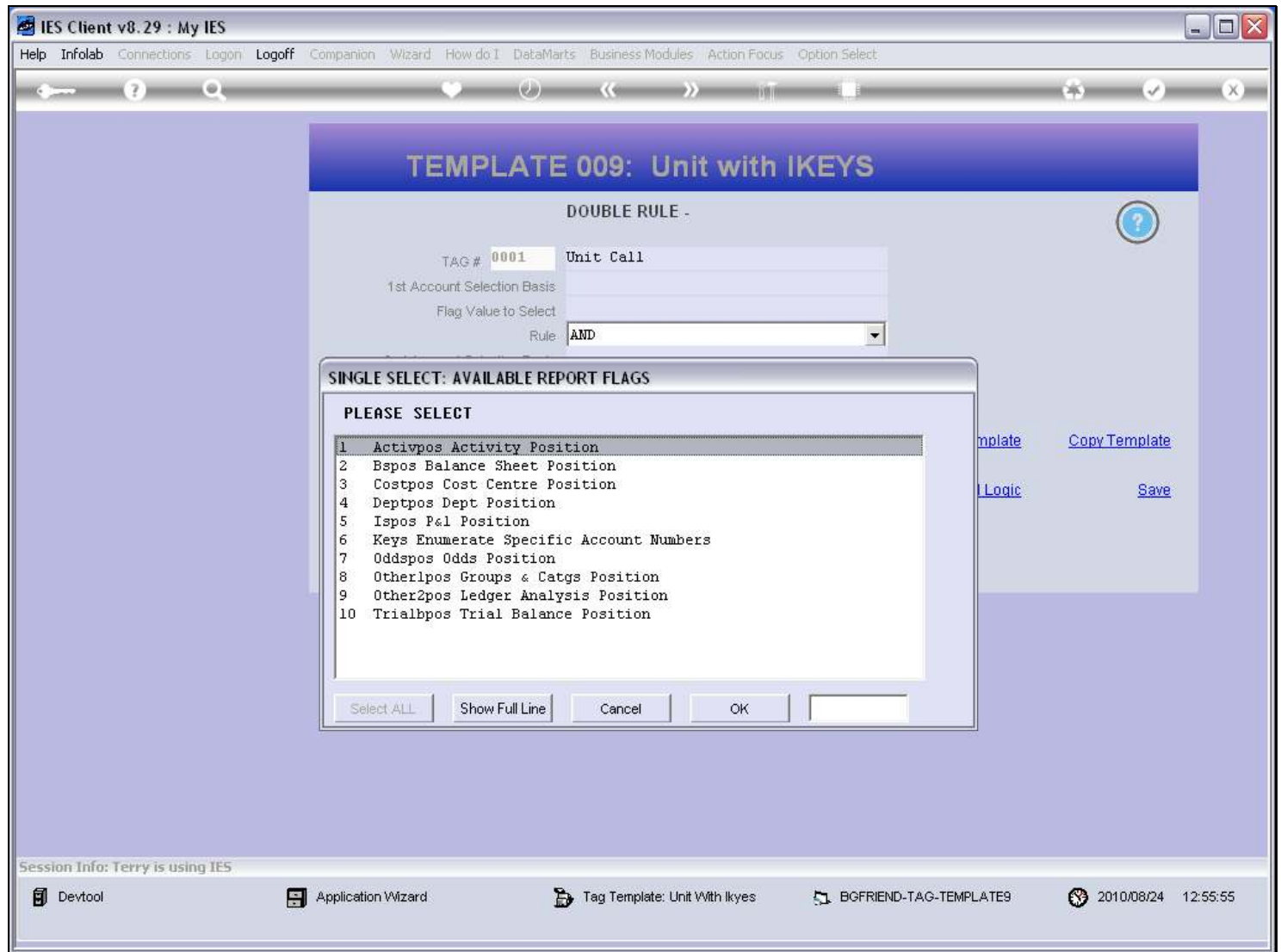
Slide notes

Slide 35 - Slide 35



Slide notes

Slide 36 - Slide 36



Slide notes

Our 1st selection Rule in this example will be based on the BSPOS Flag.

Slide 37 - Slide 37

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # 0001 Unit Call

1st Account Selection Basis BSP05

Flag Value to Select

Rule AND

2nd Account Selection Basis

Flag Value to Select

Unit to Call

Tag Result always return a result

Test Operator =

Conditional Value

[Remove Template](#) [Copy Template](#)

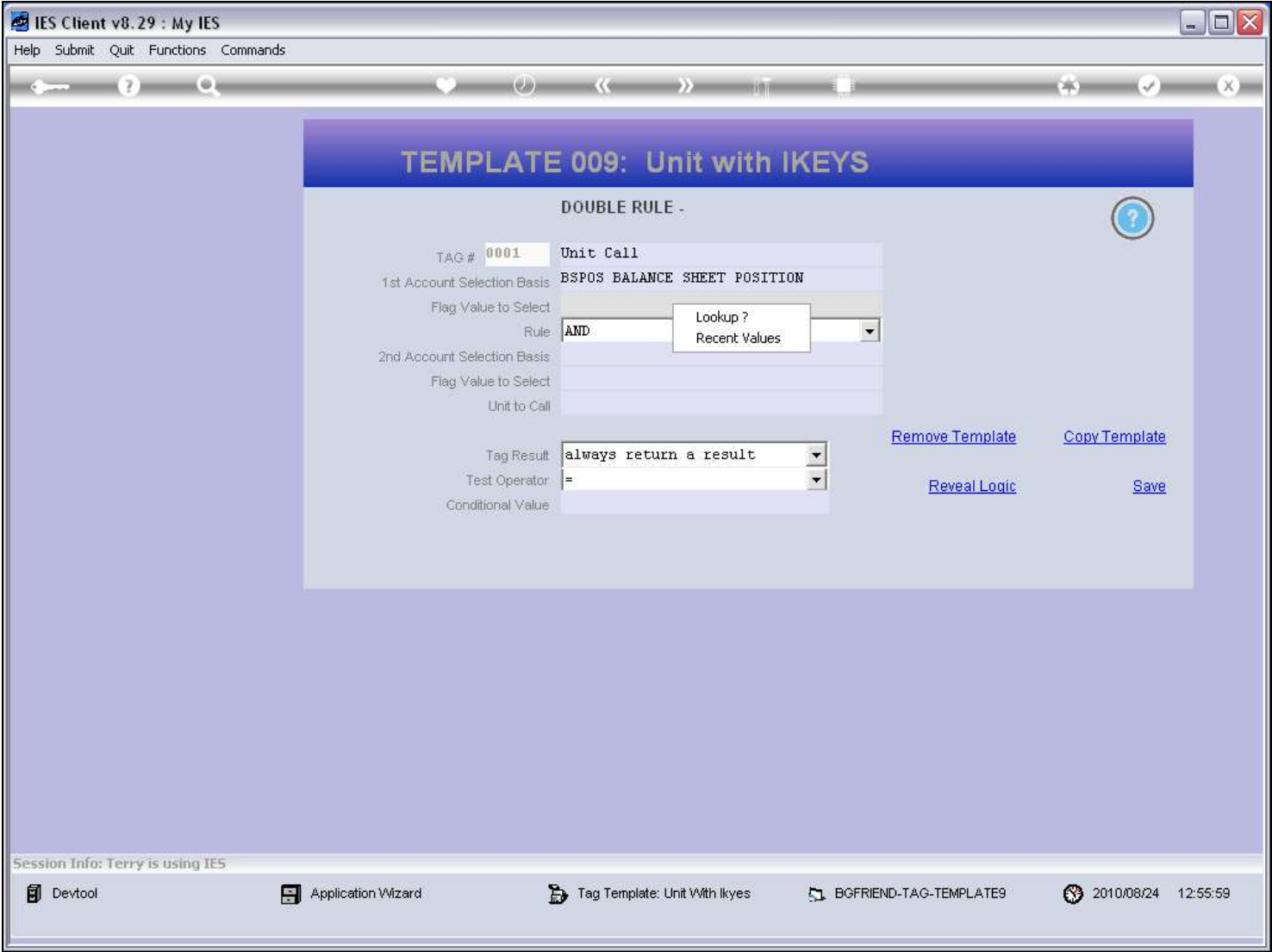
[Reveal Logic](#) [Save](#)

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Unit With Ikeys BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:55:57

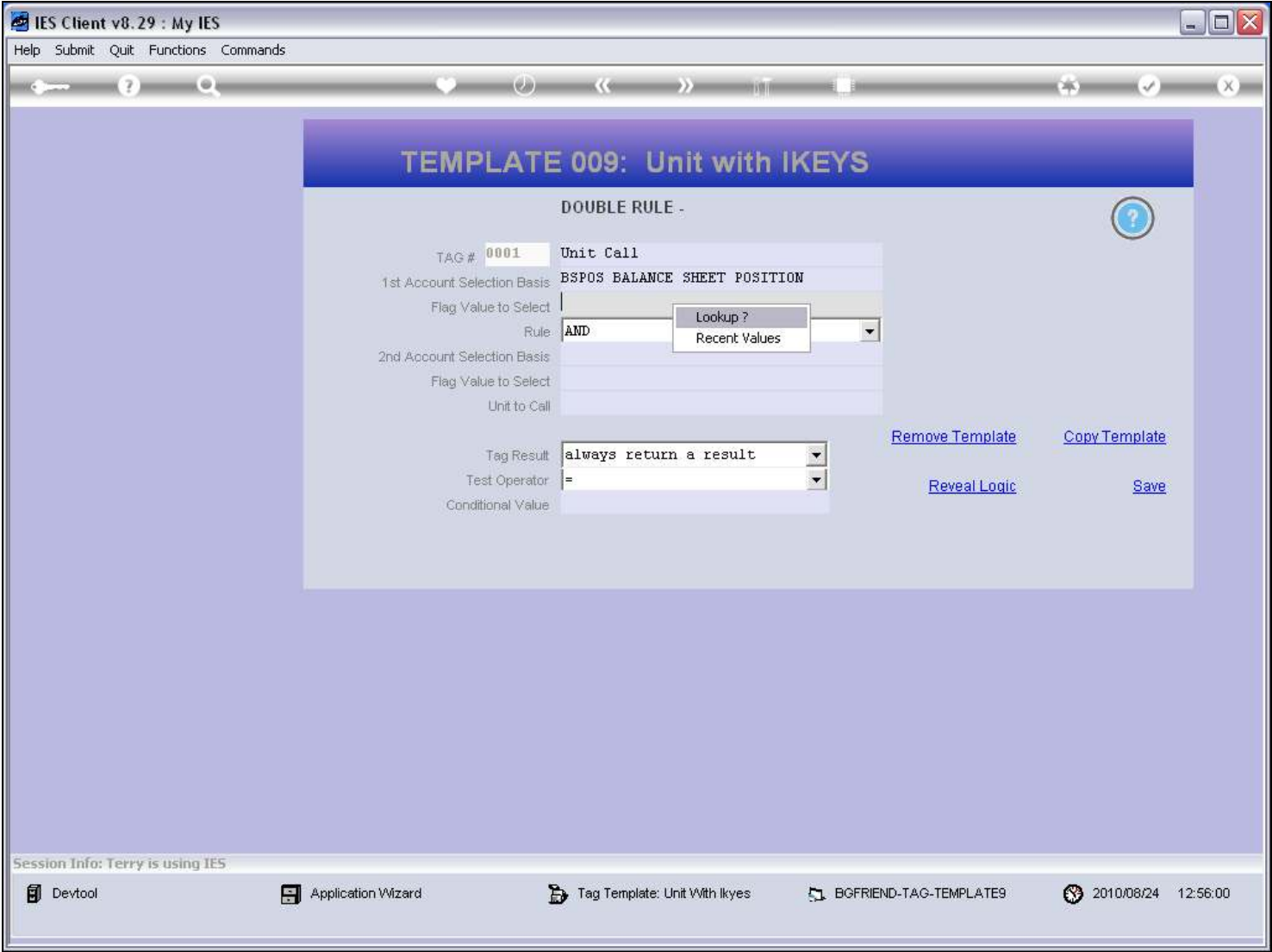
Slide notes

Slide 38 - Slide 38



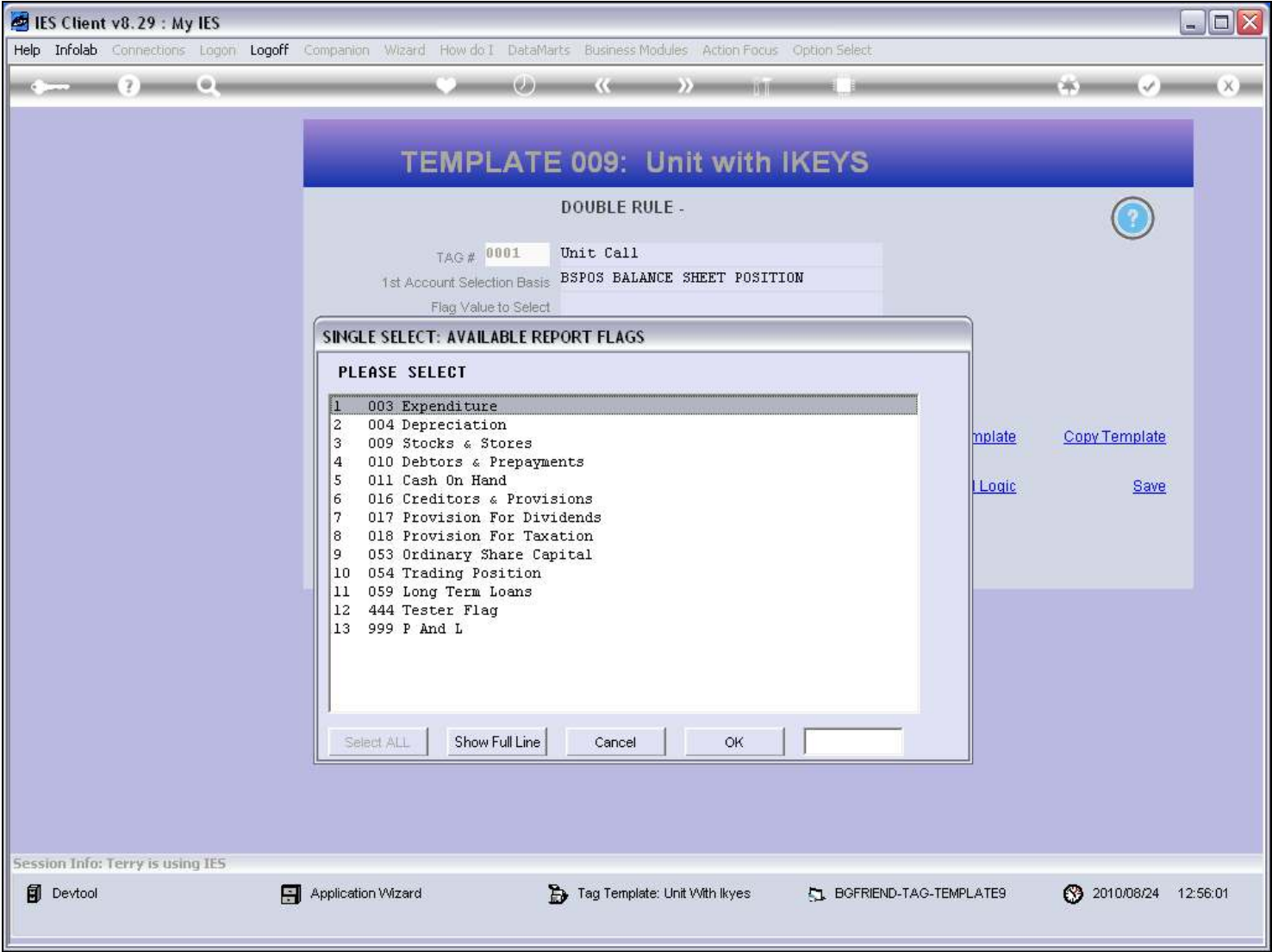
Slide notes

Slide 39 - Slide 39



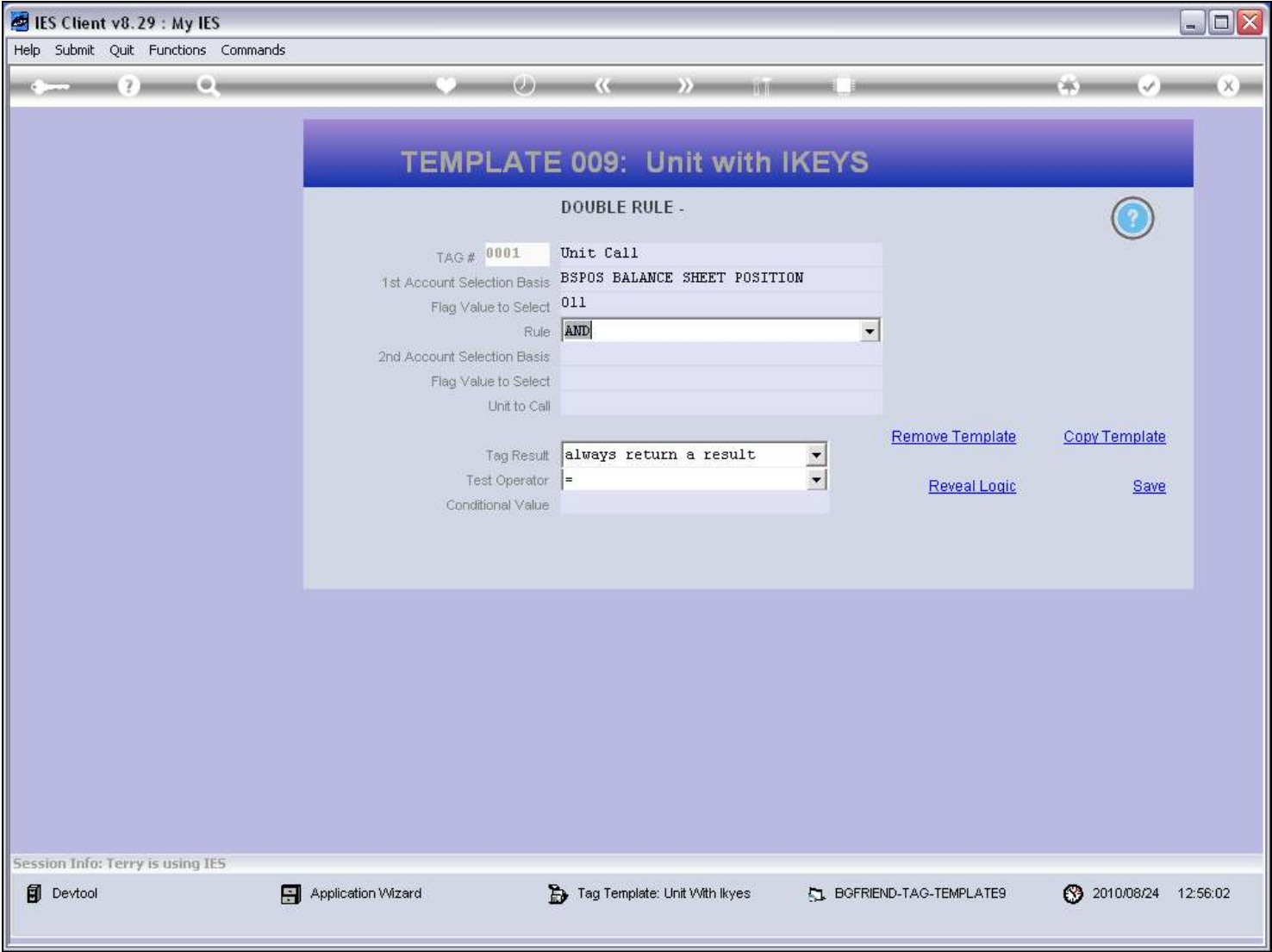
Slide notes

Slide 40 - Slide 40



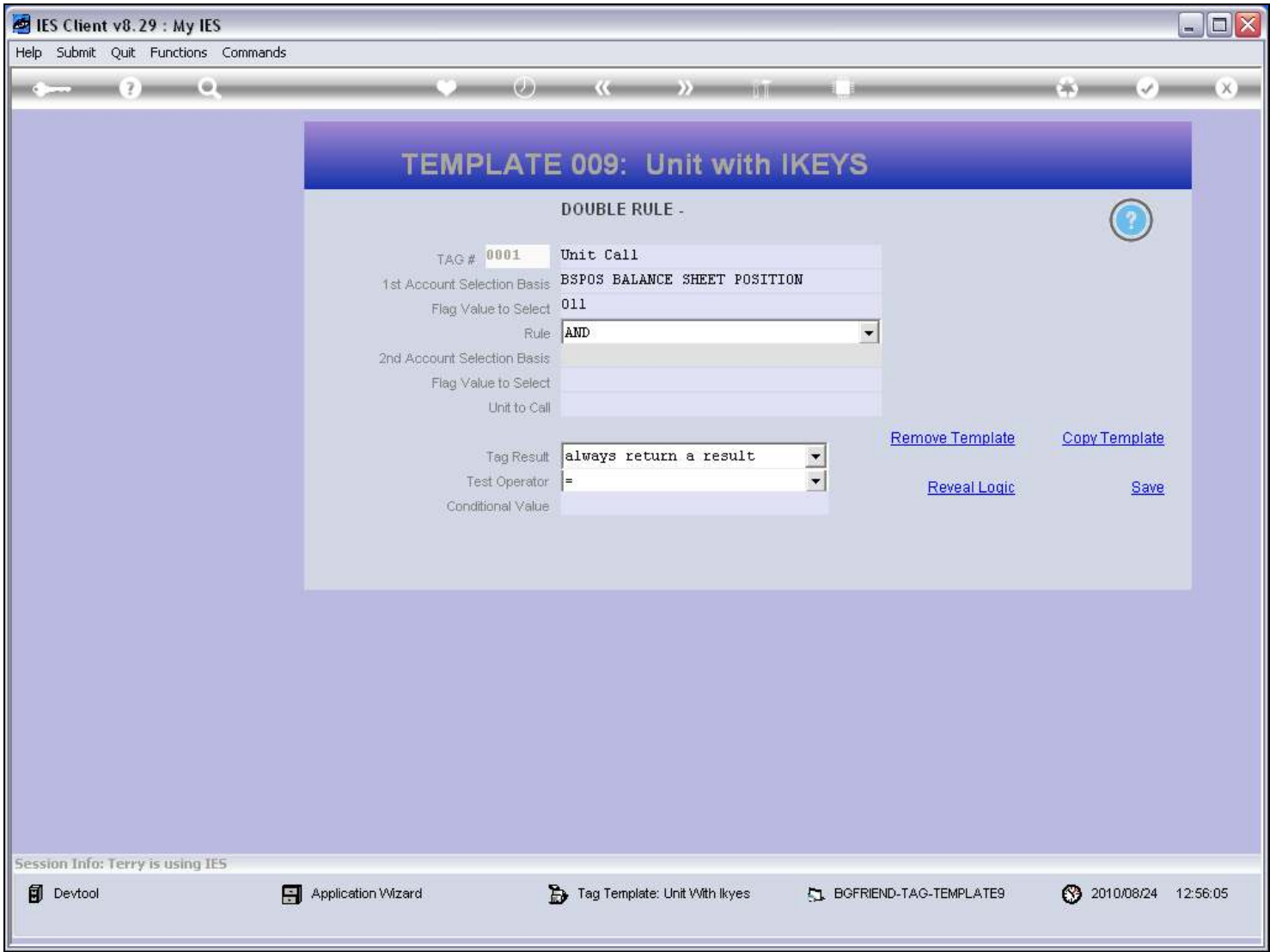
Slide notes

Slide 41 - Slide 41



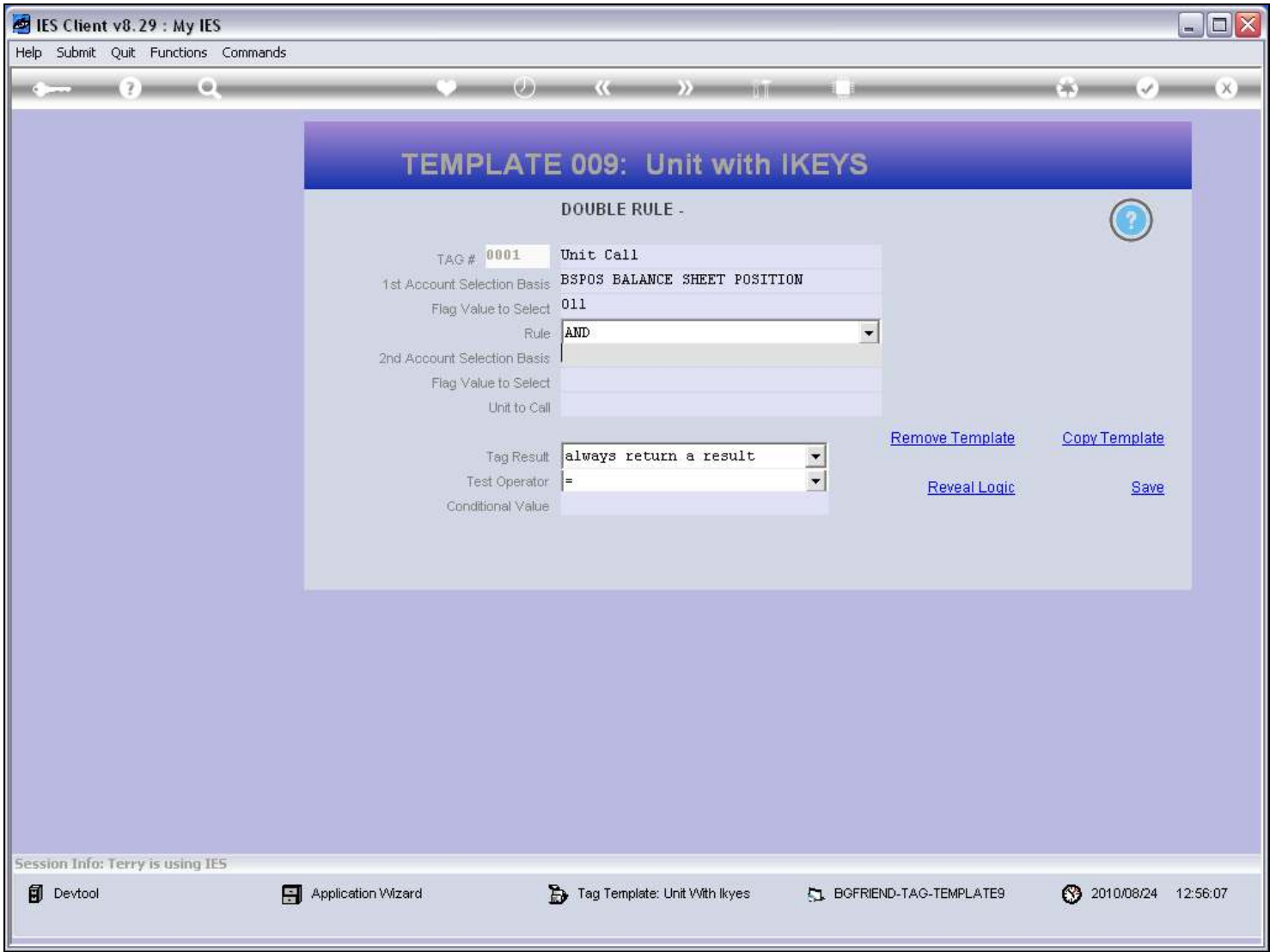
Slide notes

Slide 42 - Slide 42



Slide notes

Slide 43 - Slide 43



Slide notes

Slide 44 - Slide 44

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # 0001 Unit Call

1st Account Selection Basis BSPOS BALANCE SHEET POSITION

Flag Value to Select 011

Rule AND

2nd Account Selection Basis AND

Flag Value to Select OR

Unit to Call FROM-TO

Tag Result always return a result

Test Operator =

Conditional Value

[Remove Template](#) [Copy Template](#)

[Reveal Logic](#) [Save](#)

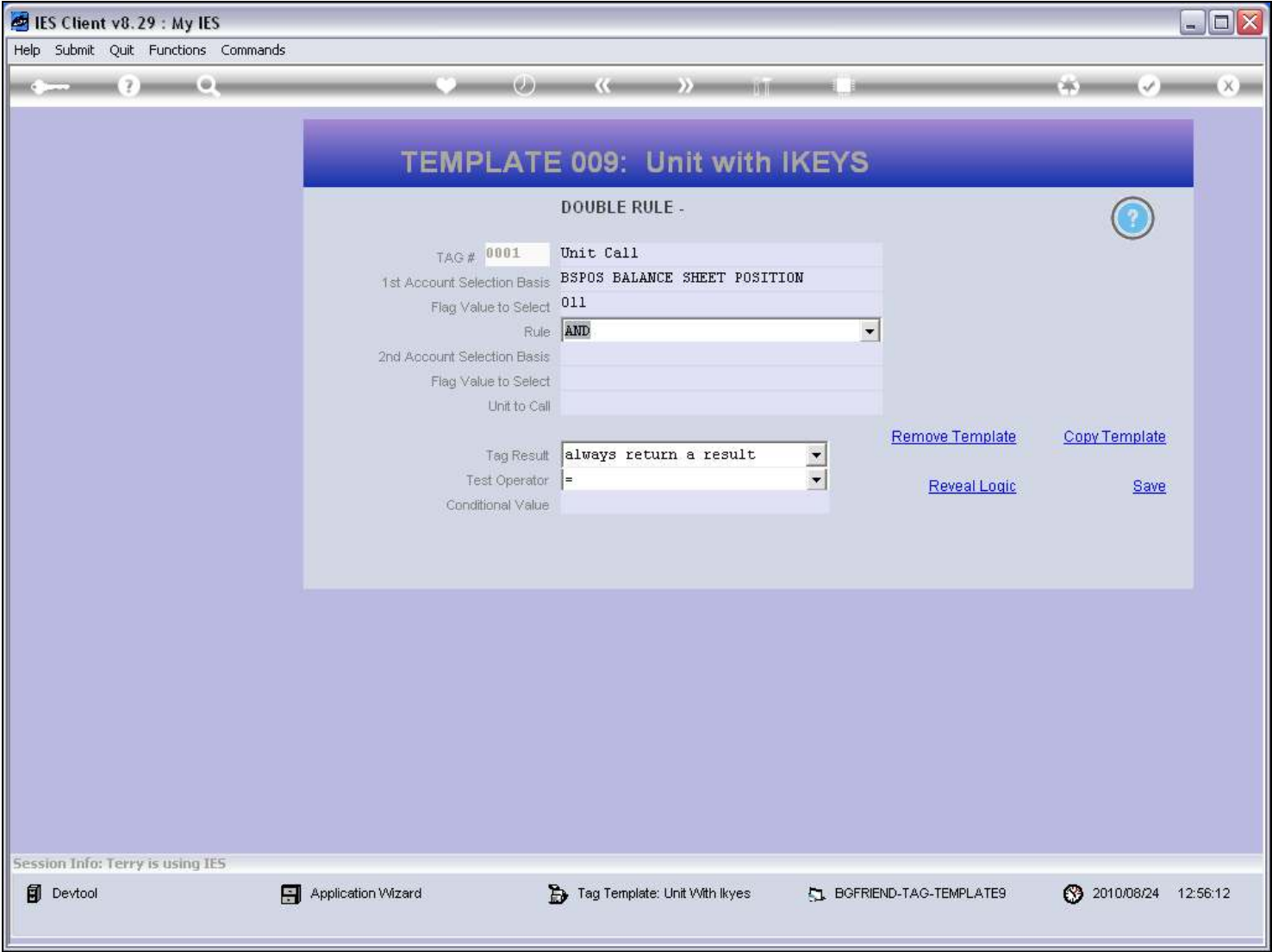
Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Unit With Ikeyes BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:56:10

Slide notes

There are different operators available for the Double Rule. We will use the 'AND' operator.

Slide 45 - Slide 45



Slide notes

Slide 46 - Slide 46

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # 0001 Unit Call

1st Account Selection Basis BSPOS BALANCE SHEET POSITION

Flag Value to Select 011

Rule AND

2nd Account Selection Basis

Flag Value to Select

Unit to Call

Tag Result always return a result

Test Operator =

Conditional Value

Lookup ?
Recent Values

[Remove Template](#) [Copy Template](#)

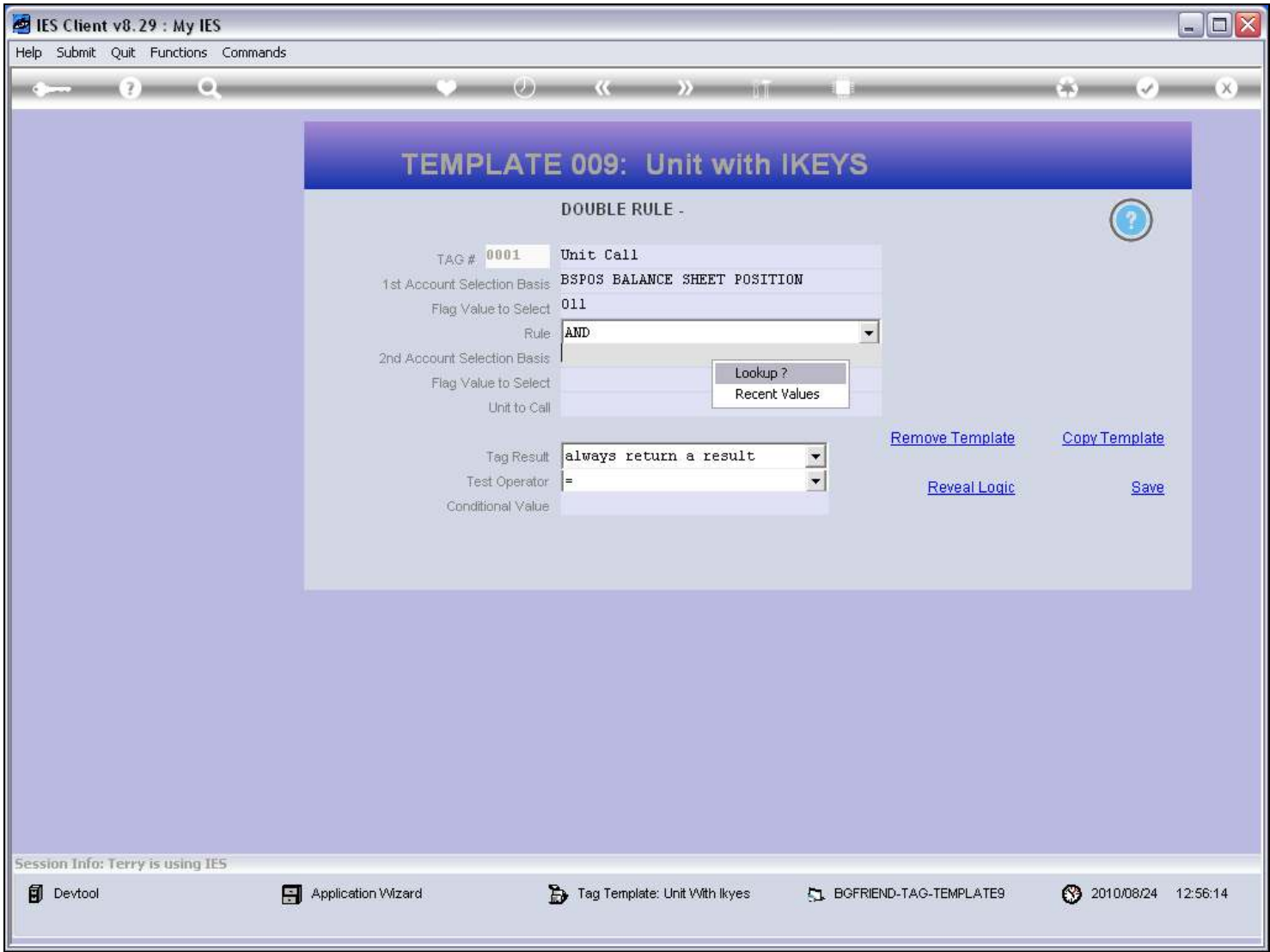
[Reveal Logic](#) [Save](#)

Session Info: Terry is using IES

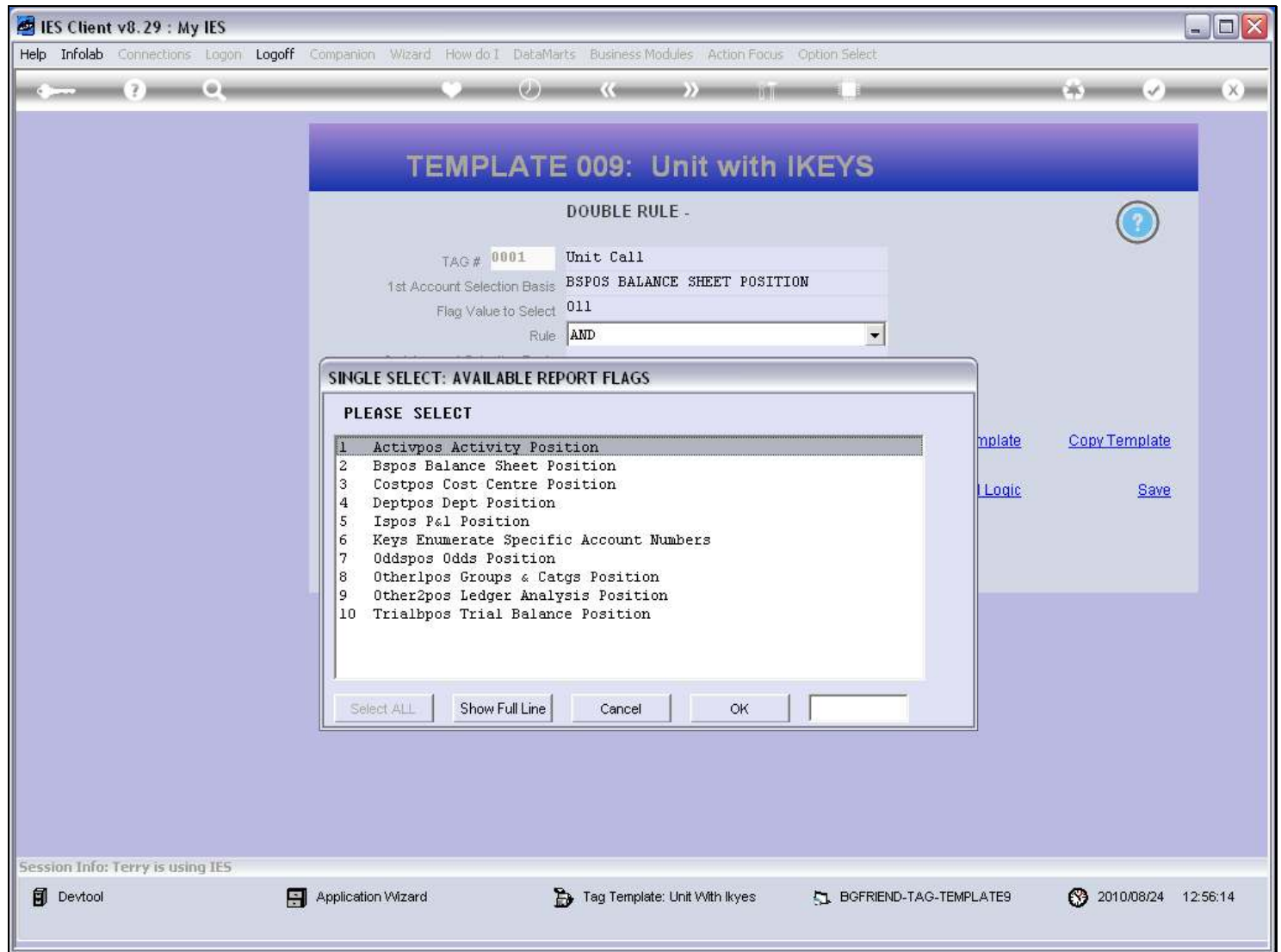
Devtool Application Wizard Tag Template: Unit With Ikeyes BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:56:13

Slide notes

Slide 47 - Slide 47

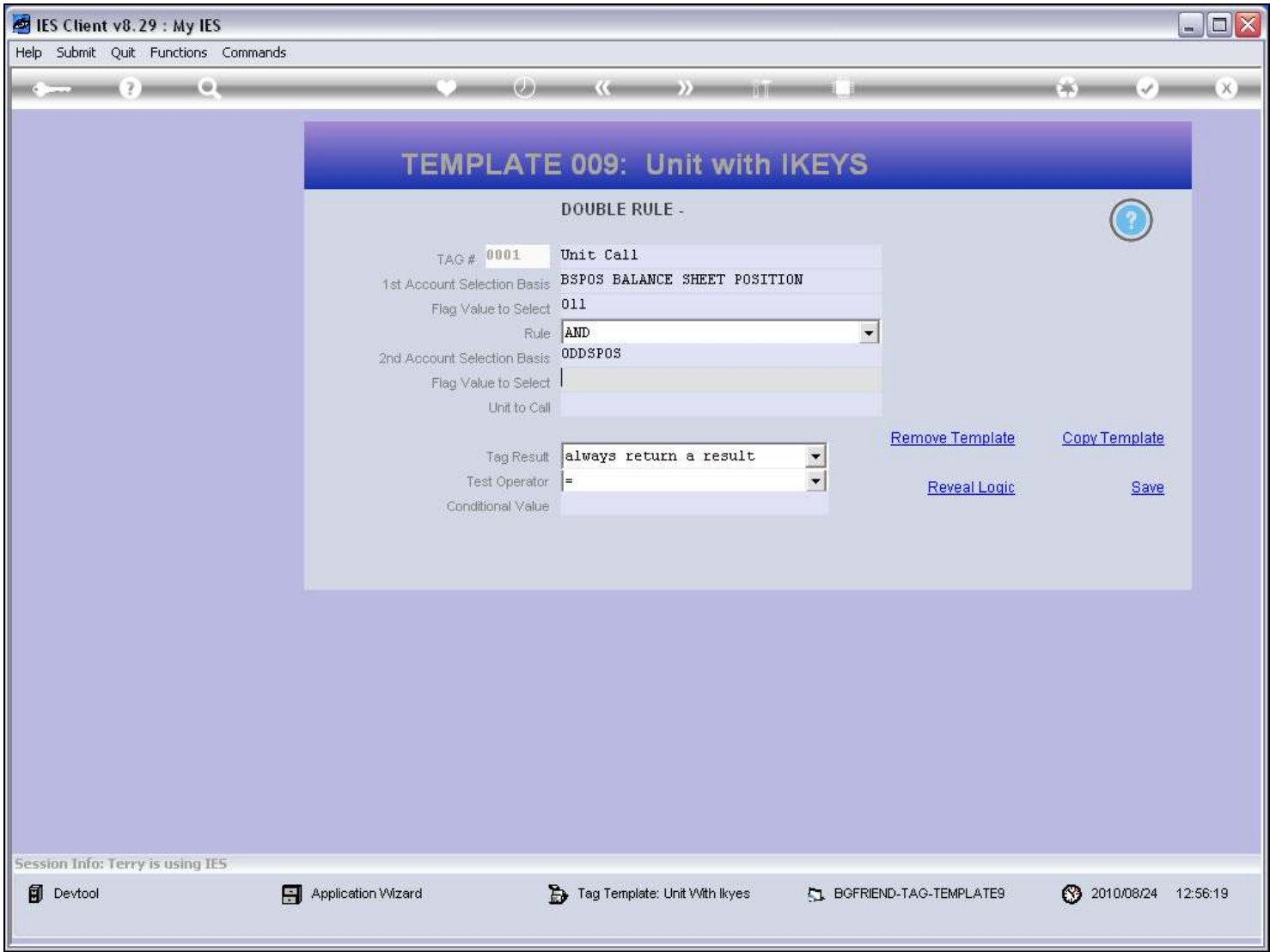


Slide notes

Slide 48 - Slide 48**Slide notes**

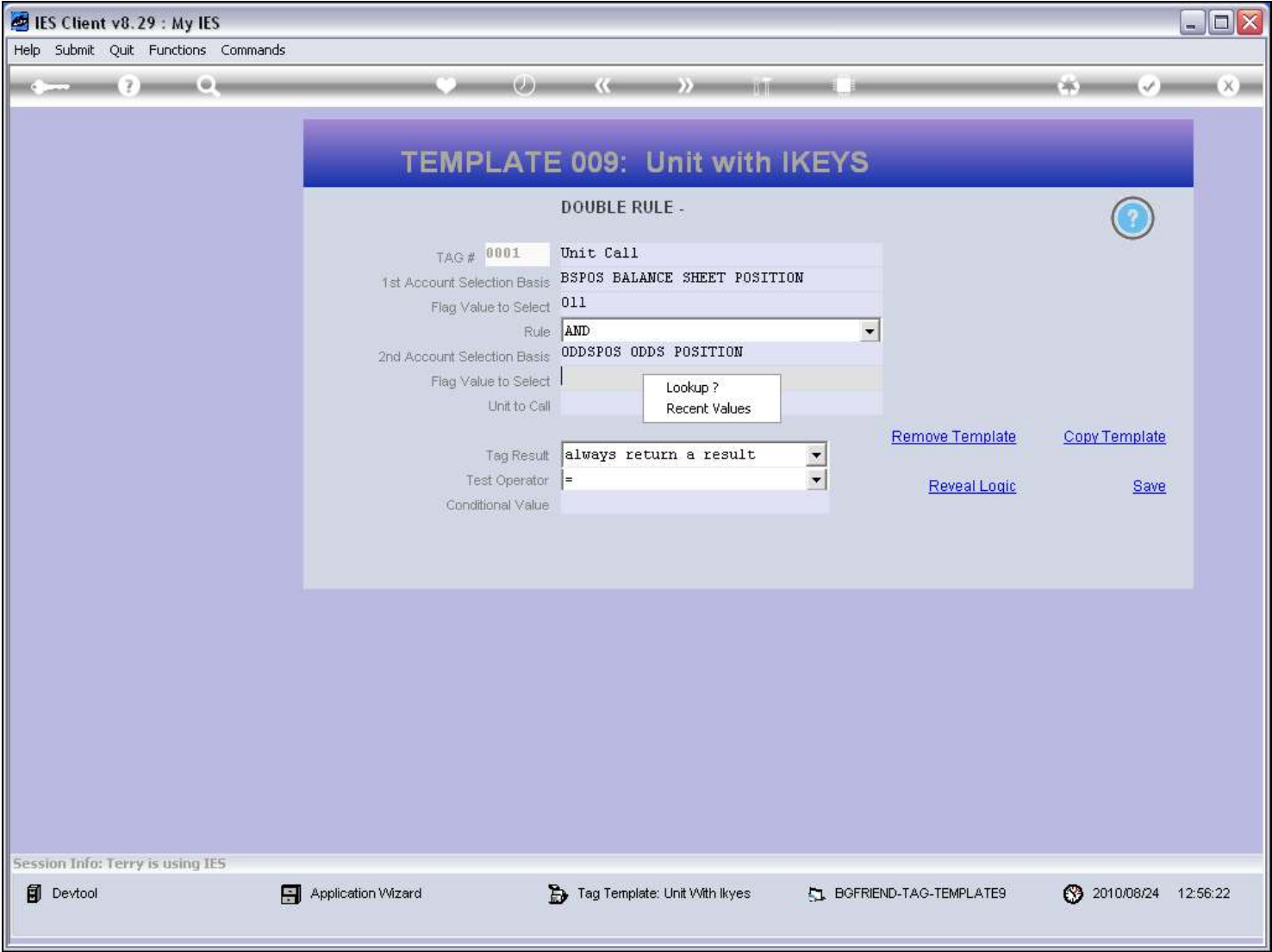
For our 2nd Rule, we will use the ODDSPPOS Flag, which is the same as Master Accounts.

Slide 49 - Slide 49



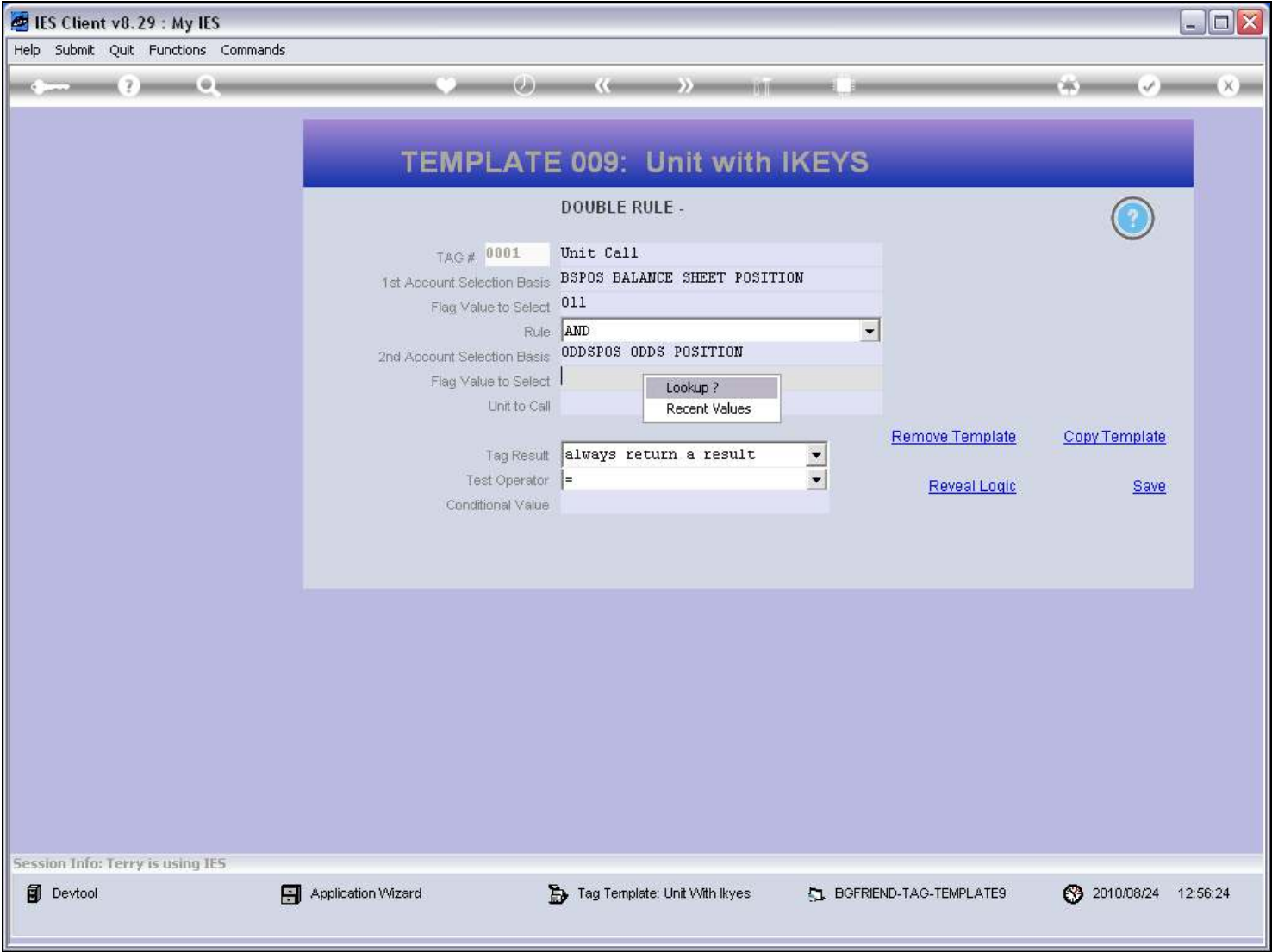
Slide notes

Slide 50 - Slide 50



Slide notes

Slide 51 - Slide 51



Slide notes

Slide 52 - Slide 52**Slide notes**

Slide 53 - Slide 53**Slide notes**

Slide 54 - Slide 54

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # 0001 Unit Call

1st Account Selection Basis BSPOS BALANCE SHEET POSITION

Flag Value to Select 011

Rule AND

2nd Account Selection Basis ODDSP0S ODDS POSITION

Flag Value to Select bank

Unit to Call

Tag Result always return a result

Test Operator =

Conditional Value

[Remove Template](#) [Copy Template](#)

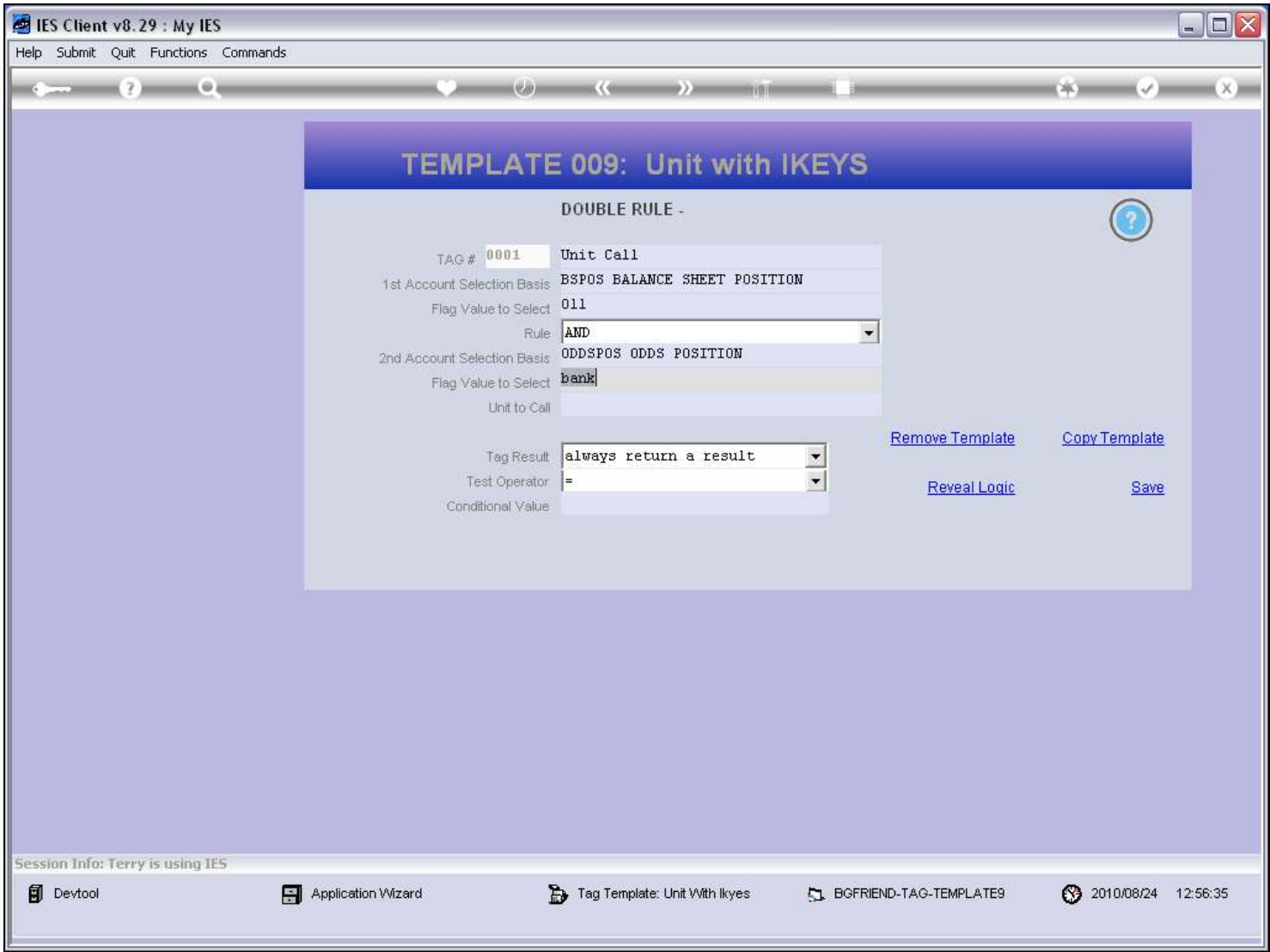
[Reveal Logic](#) [Save](#)

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Unit With Ikeyes BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:56:35

Slide notes

Slide 55 - Slide 55



Slide notes

Slide 56 - Slide 56

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # **0001** Unit Call

1st Account Selection Basis BSPOS BALANCE SHEET POSITION

Flag Value to Select 011

Rule **AND**

2nd Account Selection Basis ODDSP05 ODDS POSITION

Flag Value to Select bank

Unit to Call

Tag Result **always return a result**

Test Operator **=**

Conditional Value

[Remove Template](#) [Copy Template](#)

[Reveal Logic](#) [Save](#)

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Unit With Ikeyes BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:56:37

Slide notes

This is the Unit we will call.

Slide 57 - Slide 57

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 009: Unit with IKEYS

DOUBLE RULE -

TAG # 0001 Unit Call

1st Account Selection Basis BSPOS BALANCE SHEET POSITION

Flag Value to Select 011

Rule AND

2nd Account Selection Basis ODDSP0S ODDS POSITION

Flag Value to Select bank

Unit to Call example-004

Tag Result always return a result

Test Operator =

Conditional Value

[Remove Template](#) [Copy Template](#)

[Reveal Logic](#) [Save](#)

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Unit With Ikeyes BGFRIEND-TAG-TEMPLATE9 2010/08/24 12:56:43

Slide notes

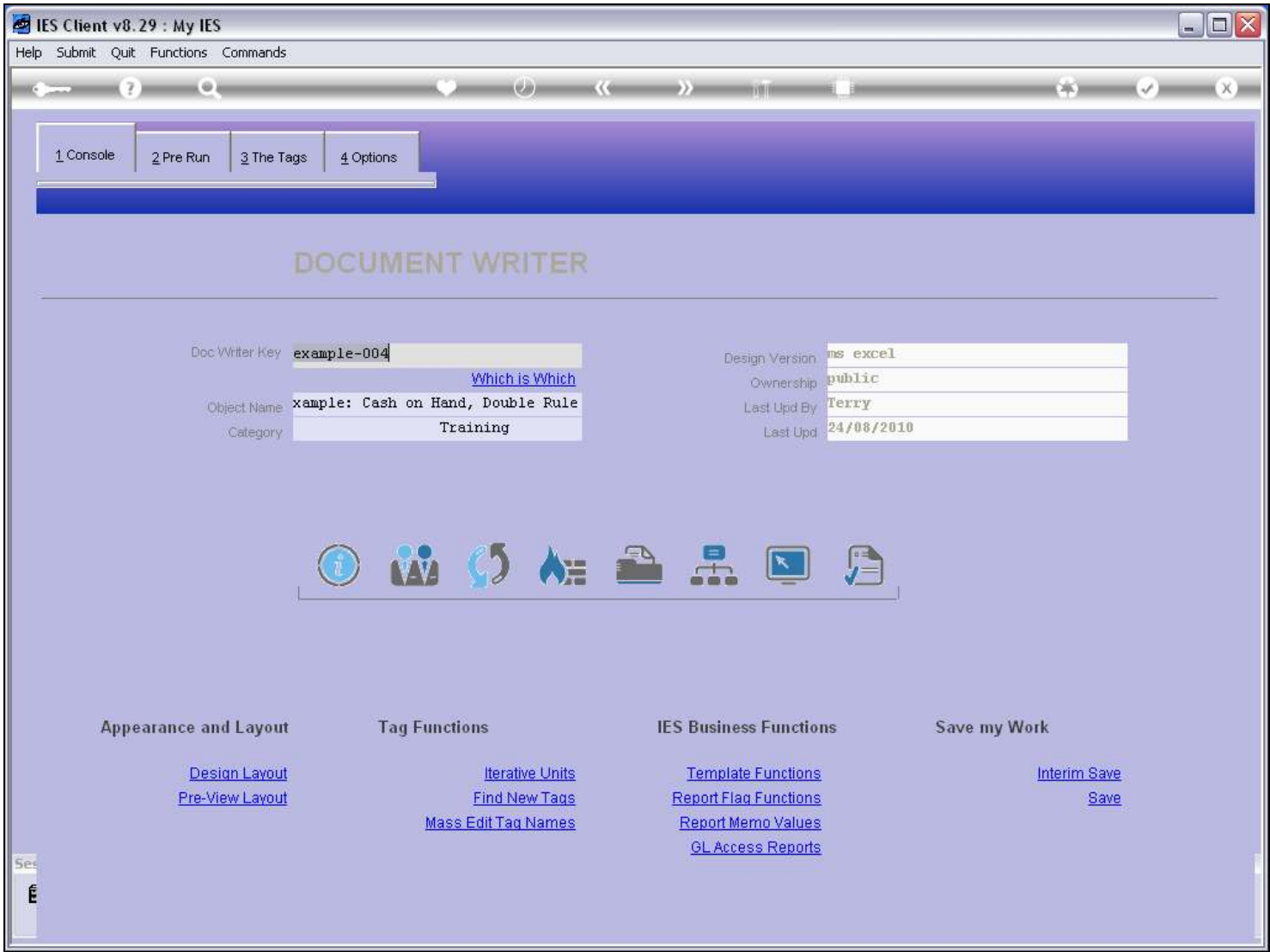
[illegible]

Now our GL Double Rule Unit is properly specified and we can test the Report again.

[illegible]

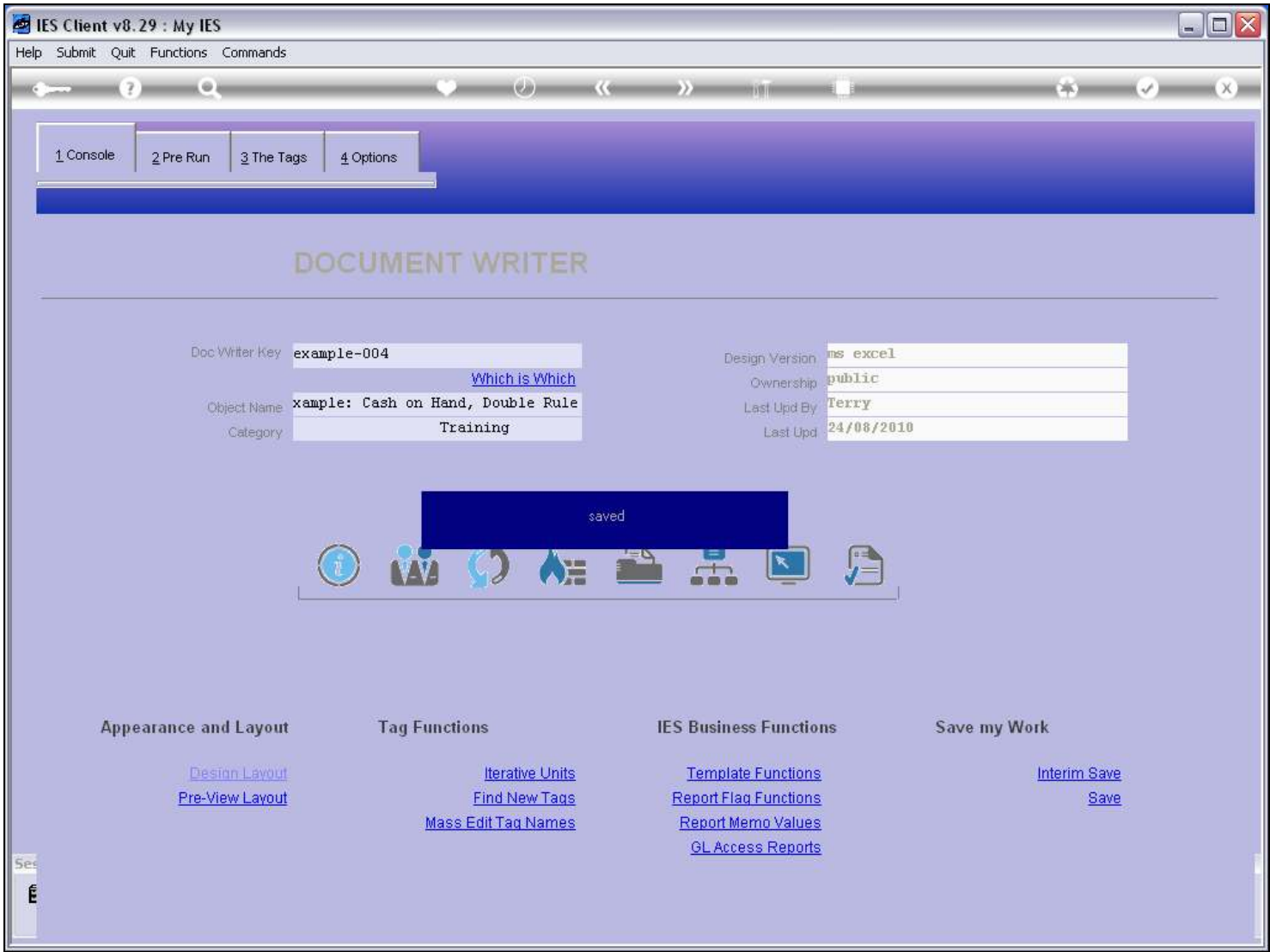
Page 59 of 68

Slide 60 - Slide 60



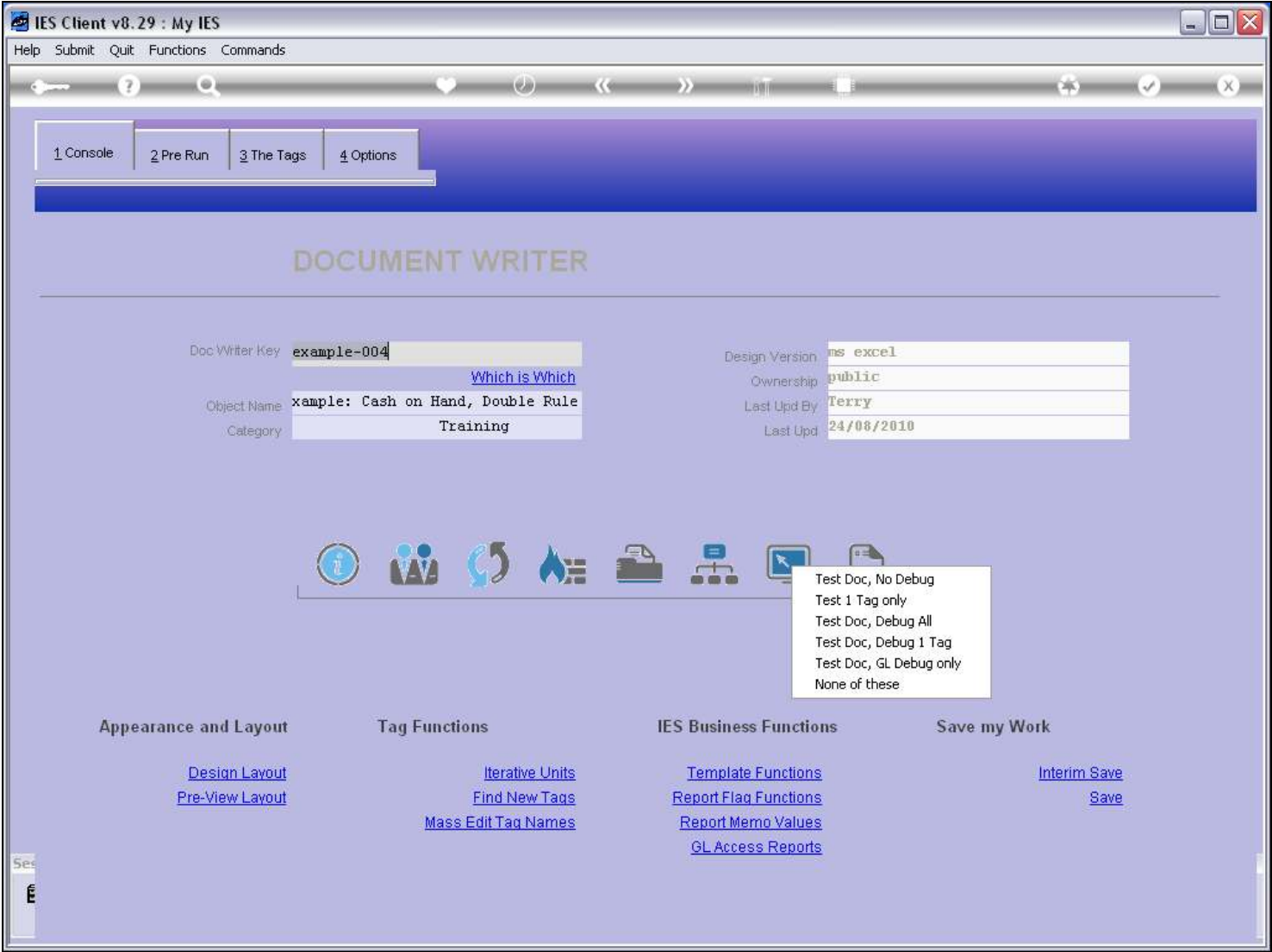
Slide notes

Slide 61 - Slide 61



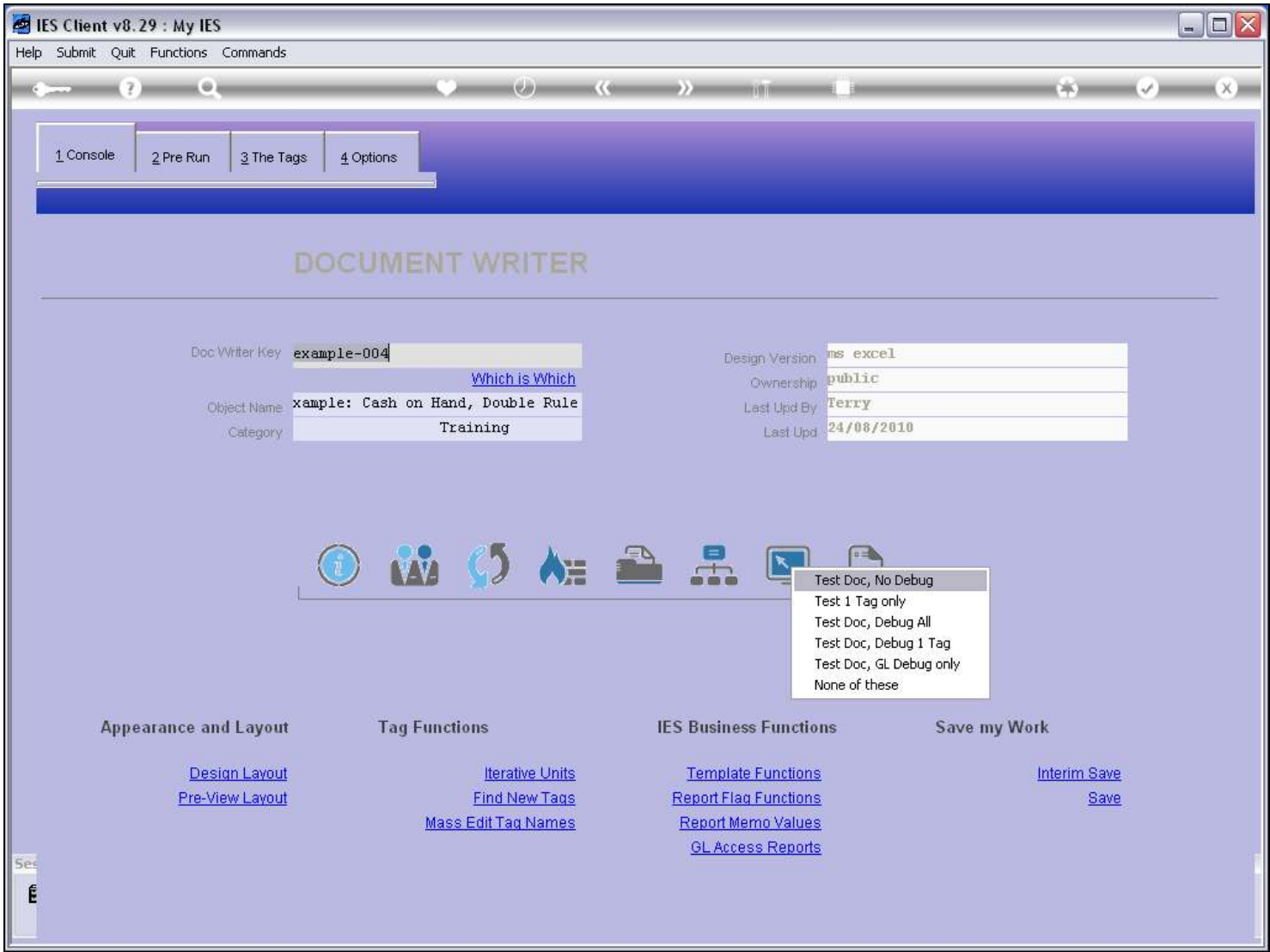
Slide notes

Slide 62 - Slide 62



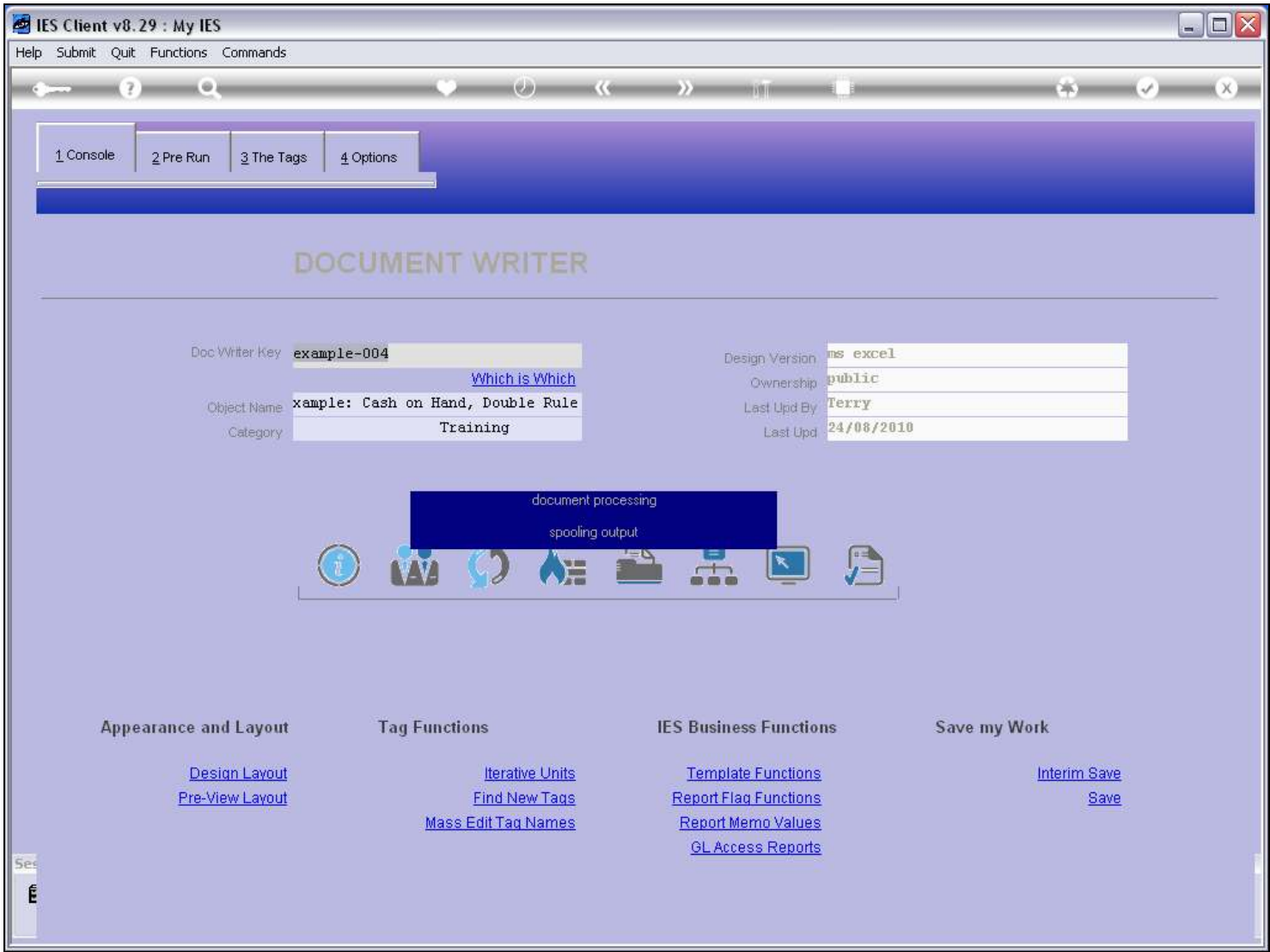
Slide notes

Slide 63 - Slide 63



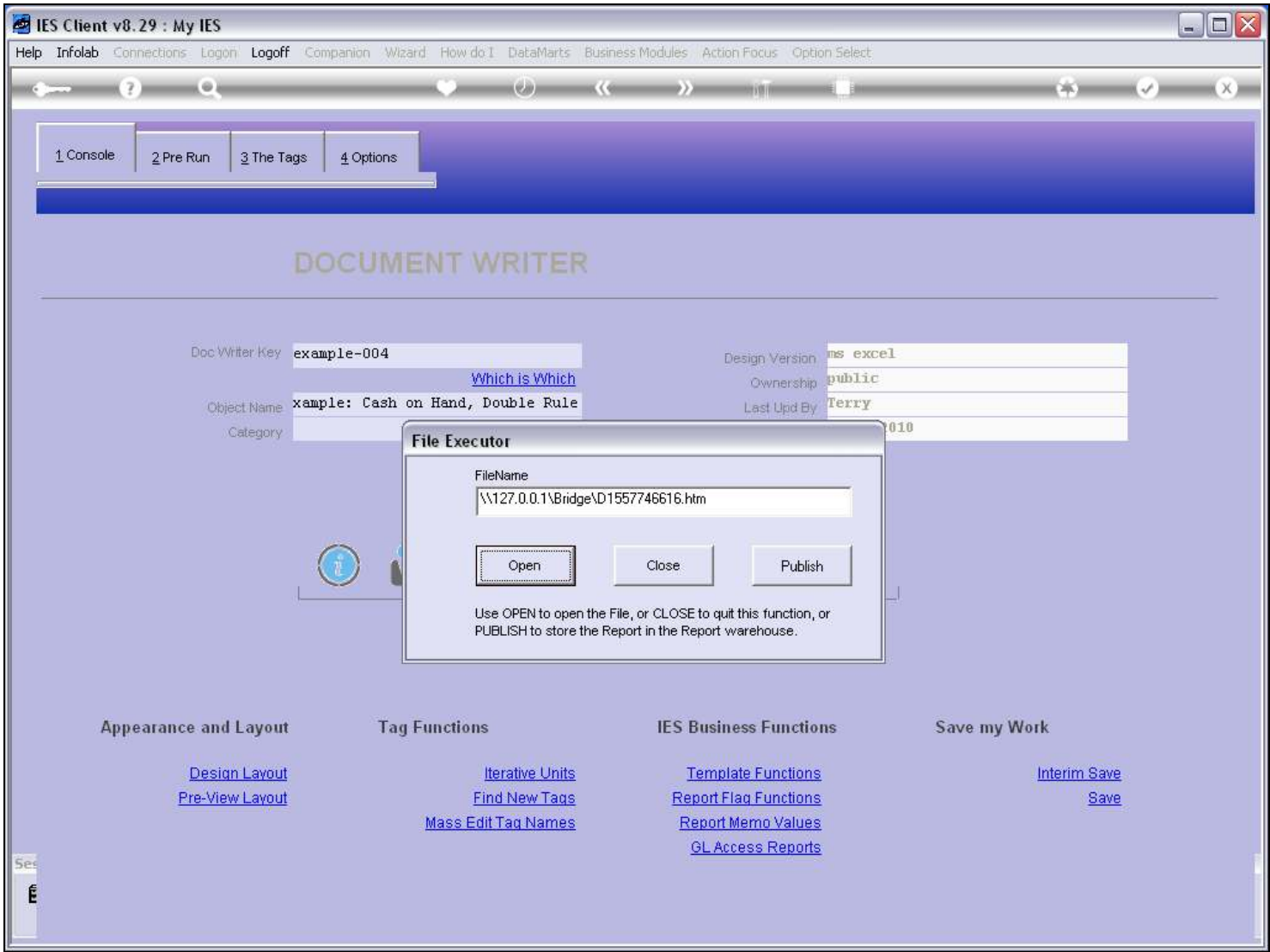
Slide notes

Slide 64 - Slide 64



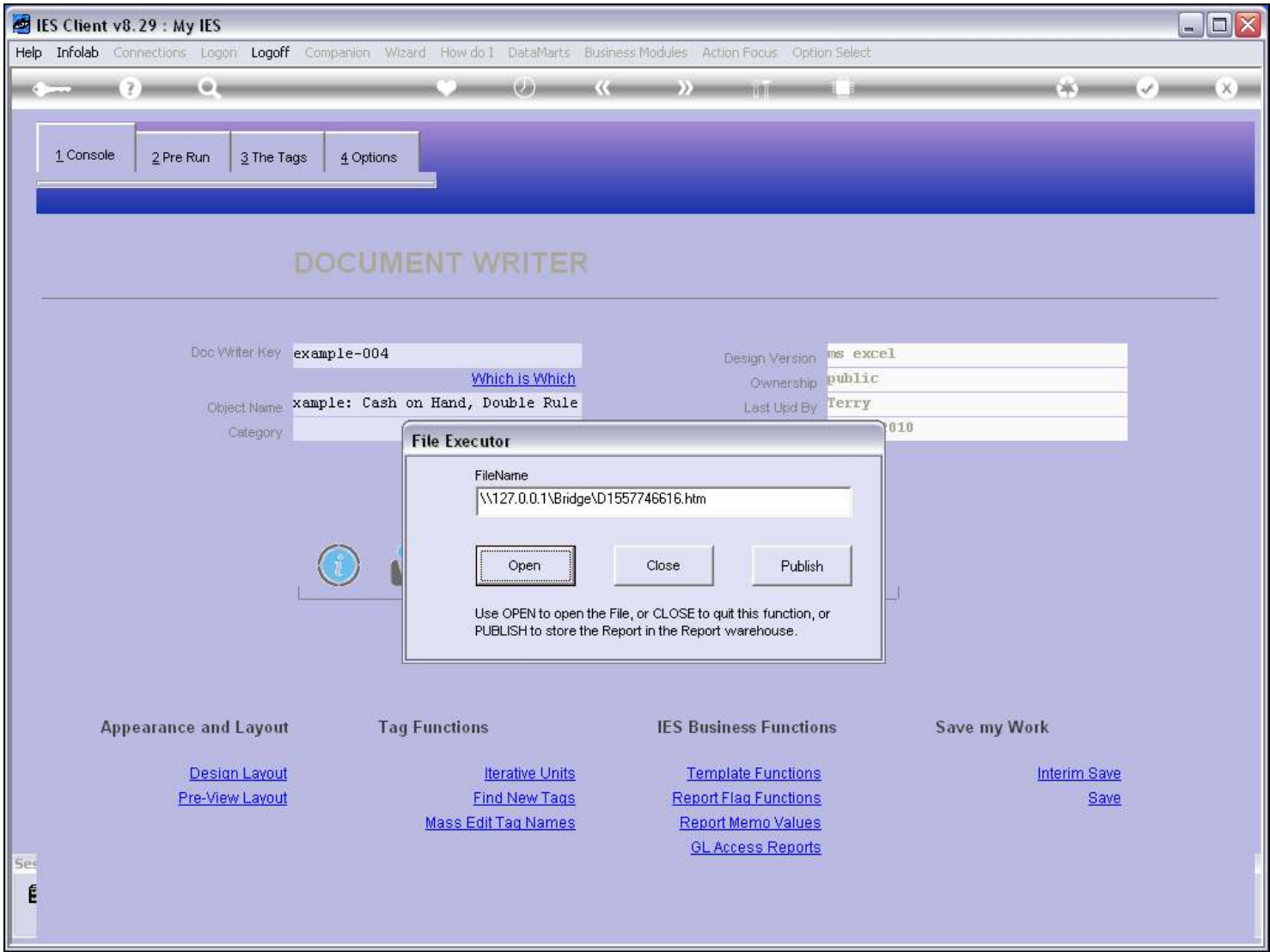
Slide notes

Slide 65 - Slide 65

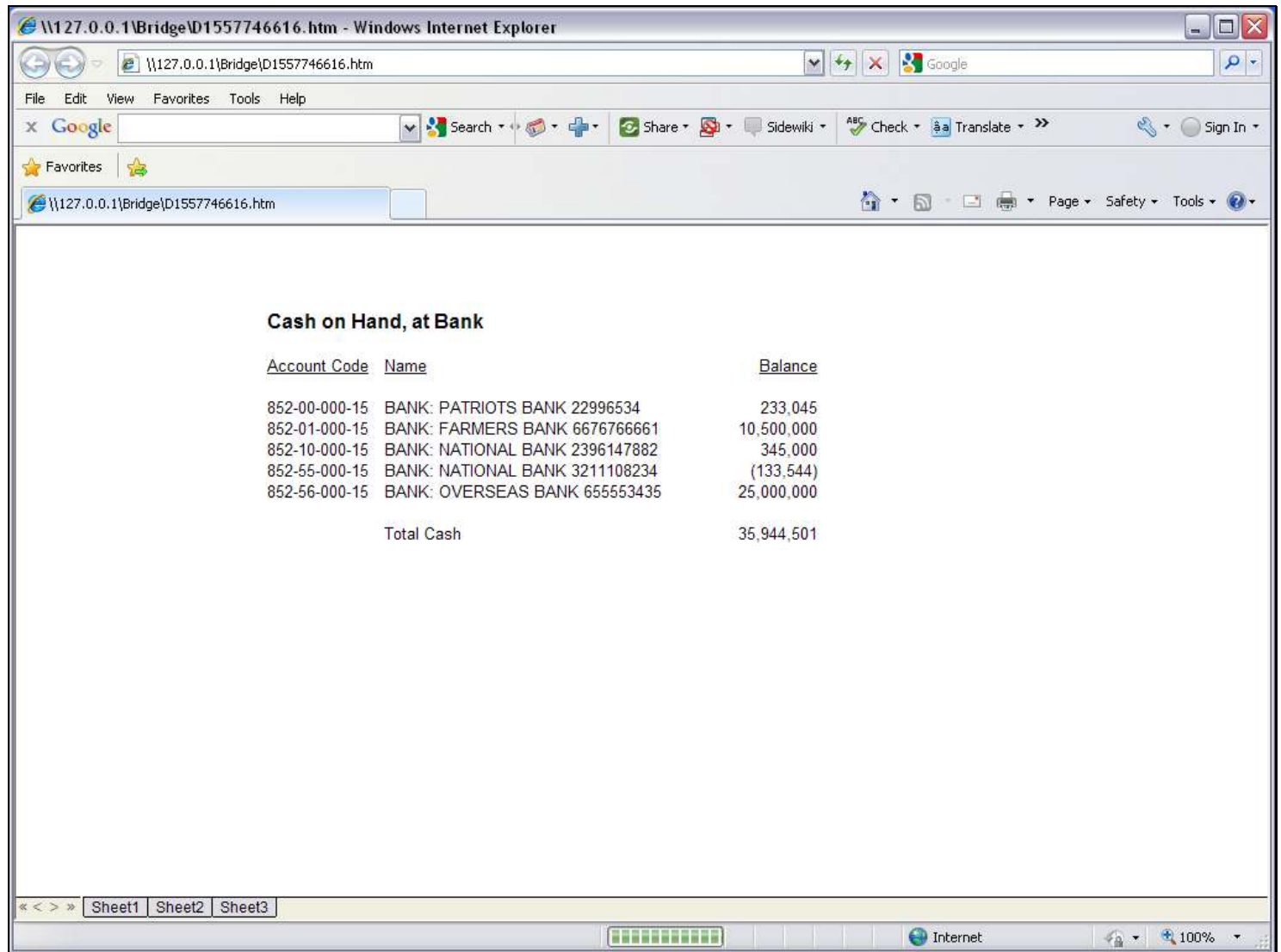


Slide notes

Slide 66 - Slide 66



Slide notes

Slide 67 - Slide 67

Cash on Hand, at Bank

<u>Account Code</u>	<u>Name</u>	<u>Balance</u>
852-00-000-15	BANK: PATRIOTS BANK 22996534	233,045
852-01-000-15	BANK: FARMERS BANK 6676766661	10,500,000
852-10-000-15	BANK: NATIONAL BANK 2396147882	345,000
852-55-000-15	BANK: NATIONAL BANK 3211108234	(133,544)
852-56-000-15	BANK: OVERSEAS BANK 655553435	25,000,000
Total Cash		35,944,501

Slide notes

And this time we have a good result for the Unit.

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Cash on Hand, at Bank

Account Code	Name	Balance
852-00-000-15	BANK: PATRIOTS BANK 22996534	233,045
852-01-000-15	BANK: FARMERS BANK 6676766661	10,500,000
852-10-000-15	BANK: NATIONAL BANK 2396147882	345,000
852-55-000-15	BANK: NATIONAL BANK 3211108234	(133,544)
852-56-000-15	BANK: OVERSEAS BANK 655553435	25,000,000
Total Cash		35,944,501

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Sheet1 Sheet2 Sheet3

Done

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Slide notes