Slide 1 - Slide 1

Slide notes

Tag calculation happens in the order of left to right and top to bottom.

Slide 2 - Slide 2

Slide notes

Slide 3 - Slide 3

Microsoft Excel — D1556738043.htm

	A	B	C	D	E	F	G	H	I	J	K	L
1												
2				0001									
3			Profit and Loss (Income Statement) for	0002								
4												
5		Actual Current	Budget		Actual YTD	Budget YTD		Annual Budget				
6												
7	Revenue											
8	Stock Sales	|0014|	|0015|		|0016|	|0017|		|0018|				
9	Interest Received	|0019|	|0020|		|0021|	|0022|		|0023|				
10	Total Revenue	|0024|	|0025|		|0026|	|0027|		|0028|				
11												
12	Costs											
13	Rent and Utilities	|0029|	|0030|		|0031|	|0032|		|0033|				
14	Bad Debts	|0034|	|0035|		|0036|	|0037|		|0038|				
15	Staff Costs	|0039|	|0040|		|0041|	|0042|		|0043|				
16	Office Costs	|0044|	|0045|		|0046|	|0047|		|0048|				
17	Audit Fees	|0049|	|0050|		|0051|	|0052|		|0053|				
18	Computer Systems	|0054|	|0055|		|0056|	|0057|		|0058|				
19	Equipment Maintenance	|0059|	|0060|		|0061|	|0062|		|0063|				
20	Sundry Expenses	|0064|	|0065|		|0066|	|0067|		|0068|				
21	Total Cost of Sales	|0069|	|0070|		|0071|	|0072|		|0073|				
22		0084												
23		0085	Gross Profit		0074			0075				0076			0077				0078			0086			
24												
25		0087	Gross Loss		0079			0080				0081			0082				0083			0088			
26		0097		0091		0092		0093		0094		0095		0096		0098											
27												
28–34												

Slide notes

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Slide 5 - Slide 5

Slide notes

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Slide 7 - Slide 7

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Slide 8 - Slide 8

Slide notes

But what if this 'Total' line actually appeared ABOVE the 'Detail' Lines. In that case, the Total will be calculated before the Tags that provide the Input, and they will be zero because they have not been calculated yet! That's why we have Execution Iterations. Any Tags may be listed for higher Execution Iterations. So if Tag 2, in the normal sequence, is calculated before Tag 1, but Tag 2 needs Tag 1 to be already calculated, then we can raise the Execution Iteration of Tag 2 to 2.With every Execution Iteration, only the Tags listed for that Iteration will be calculated.

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Slide notes

For example, Tag 24 relies on input from Tag 23. So, if in the left-to-right and top-to-bottom scenario, Tag 24 happens before Tag 23, then in that case we need to ensure that Tag 24 is calculated LATER, for example in Calculation round 2.

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We can manually edit the Calculation Round, called the Execution Iteration.

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Slide 14 - Slide 14

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Slide 17 - Slide 17

Slide notes

The Help on this Field also explains about Execution Iterations.

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Slide 19 - Slide 19

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Slide 20 - Slide 20
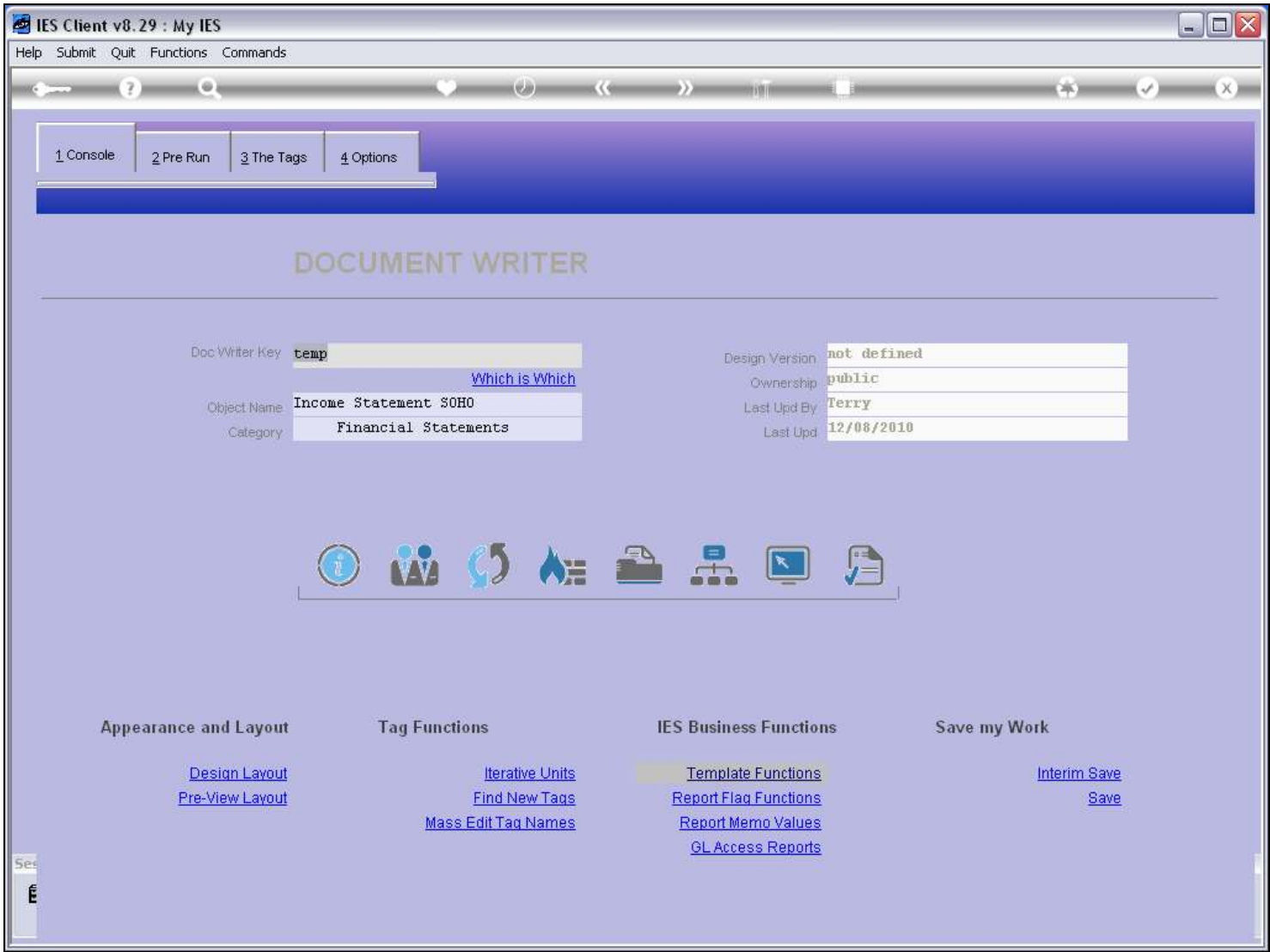

Slide notes

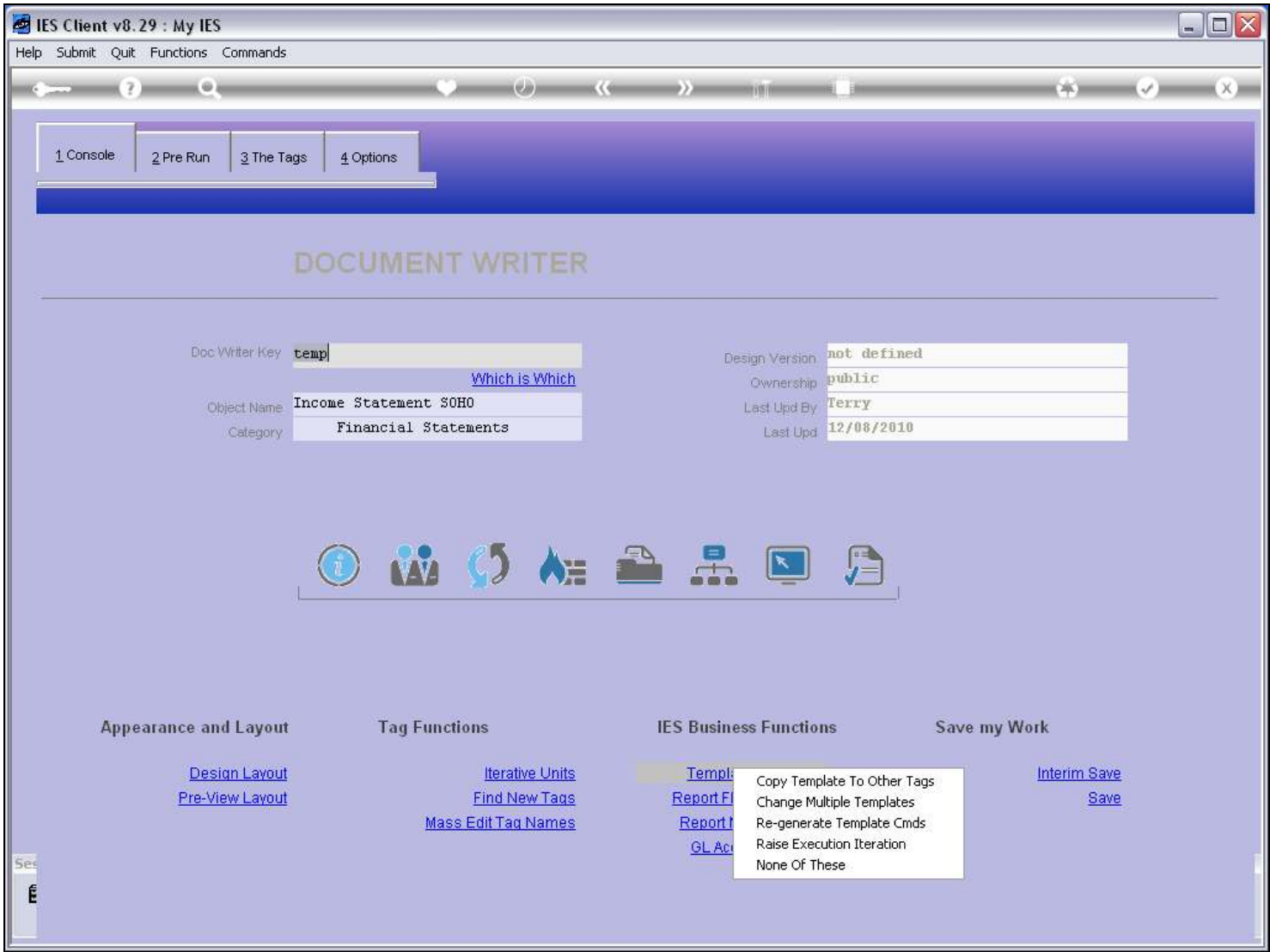## Slide 21 - Slide 21
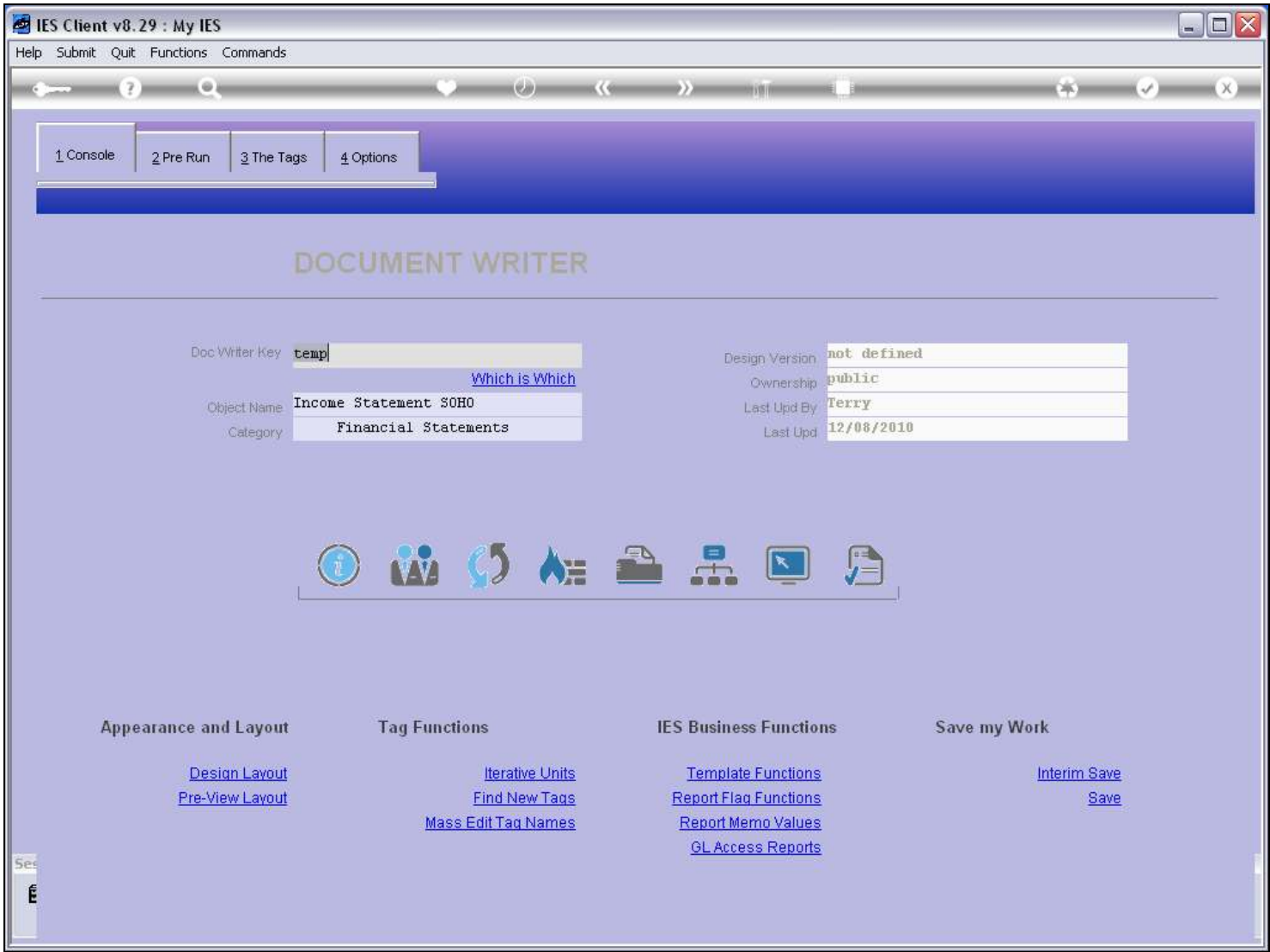
Slide notes

Slide 22 - Slide 22

Slide notes
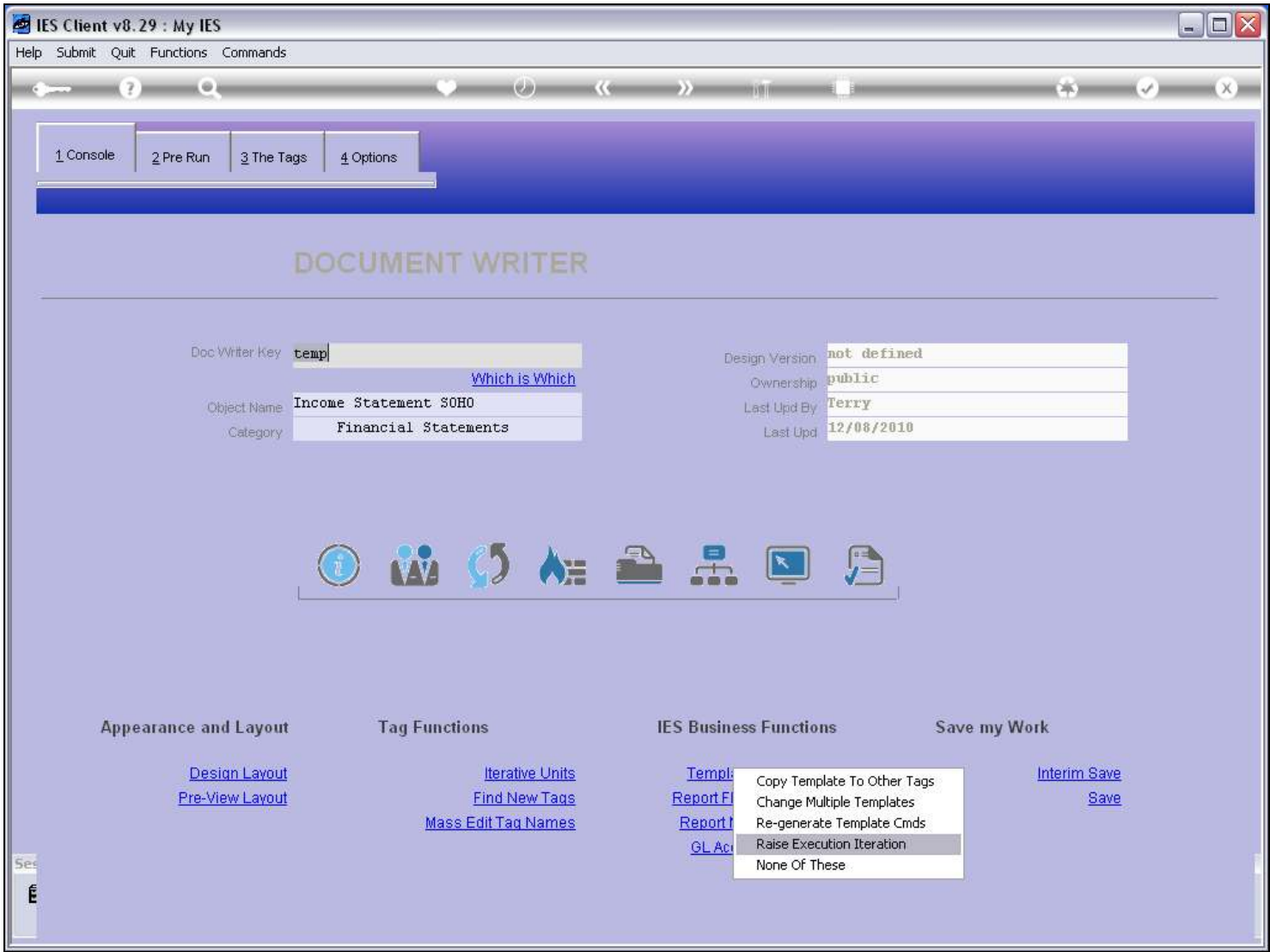
Slide 23 - Slide 23

Slide notes

Execution Iteration can also be raised for many Tags with the Selection and Automatic functions.
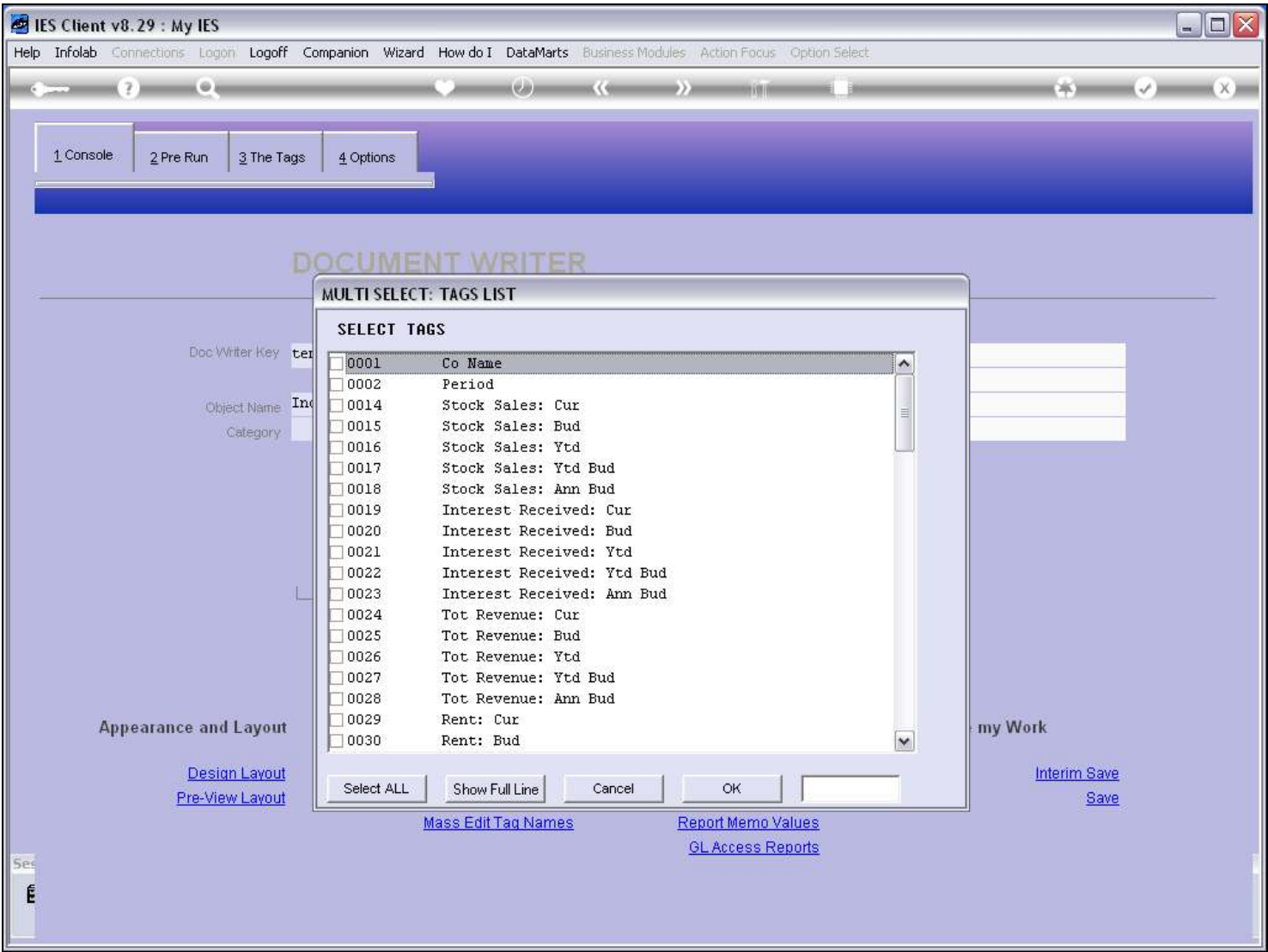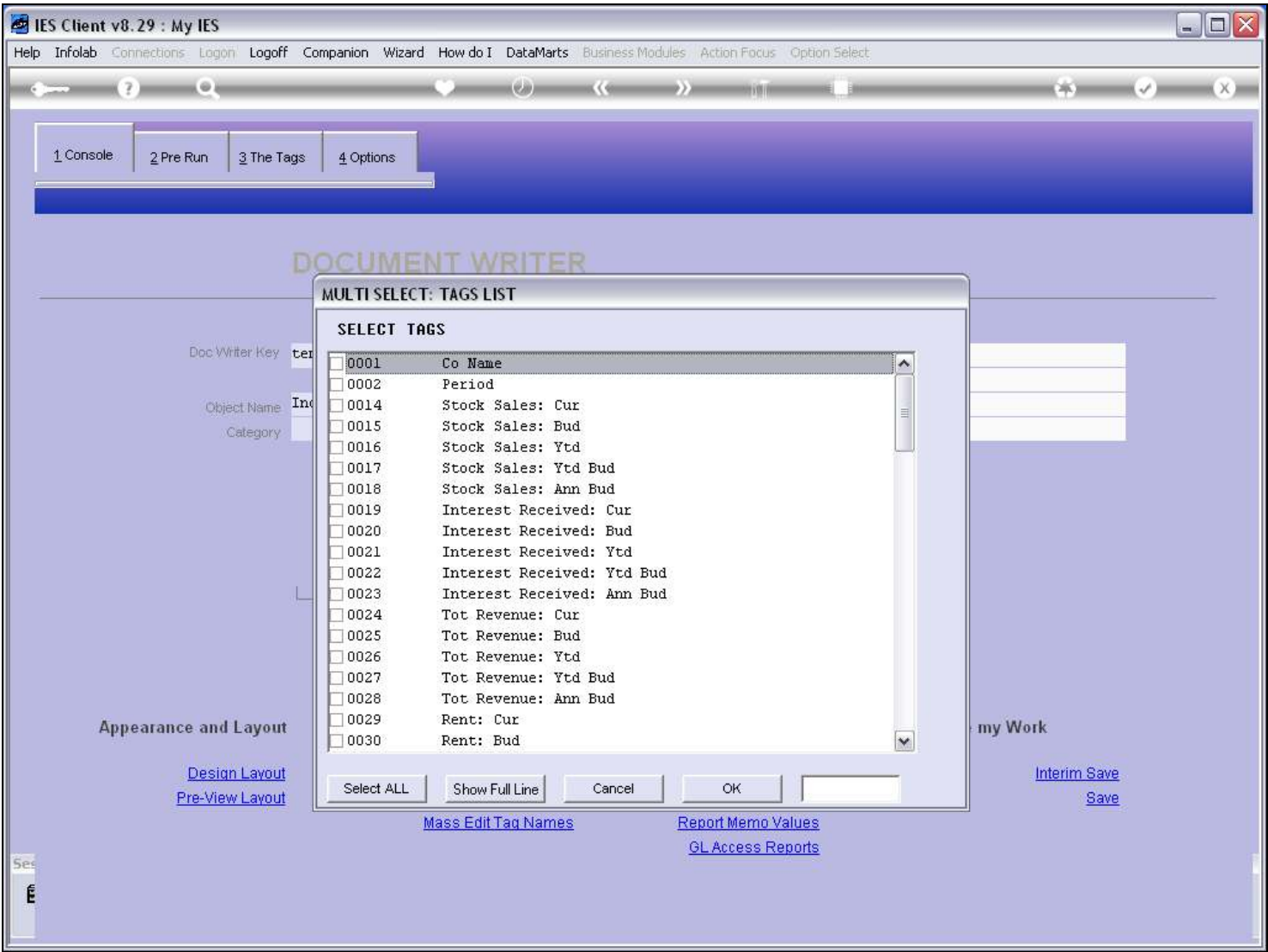
Slide 24 - Slide 24

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Slide 25 - Slide 25
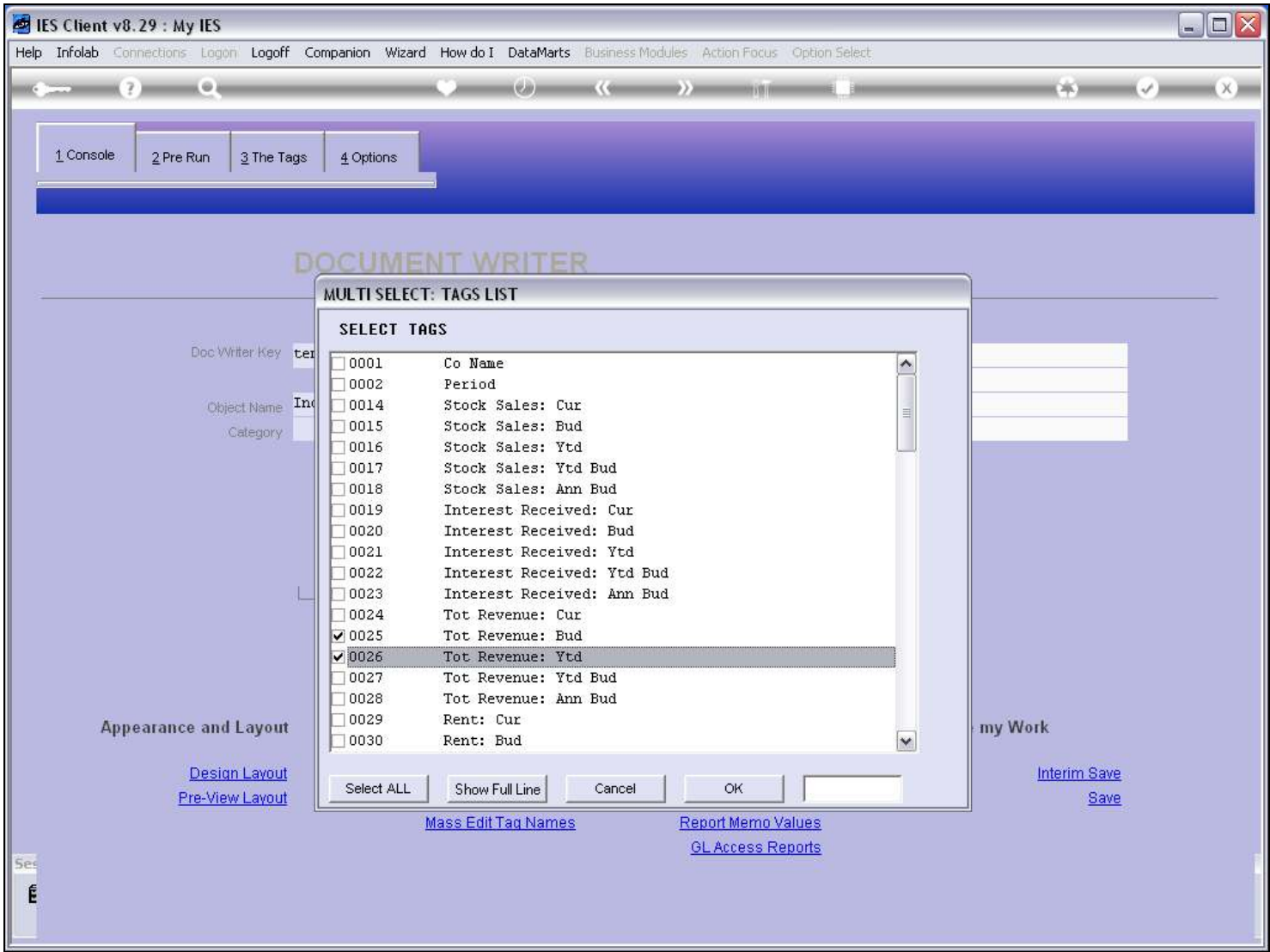

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Slide 26 - Slide 26

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Slide 27 - Slide 27
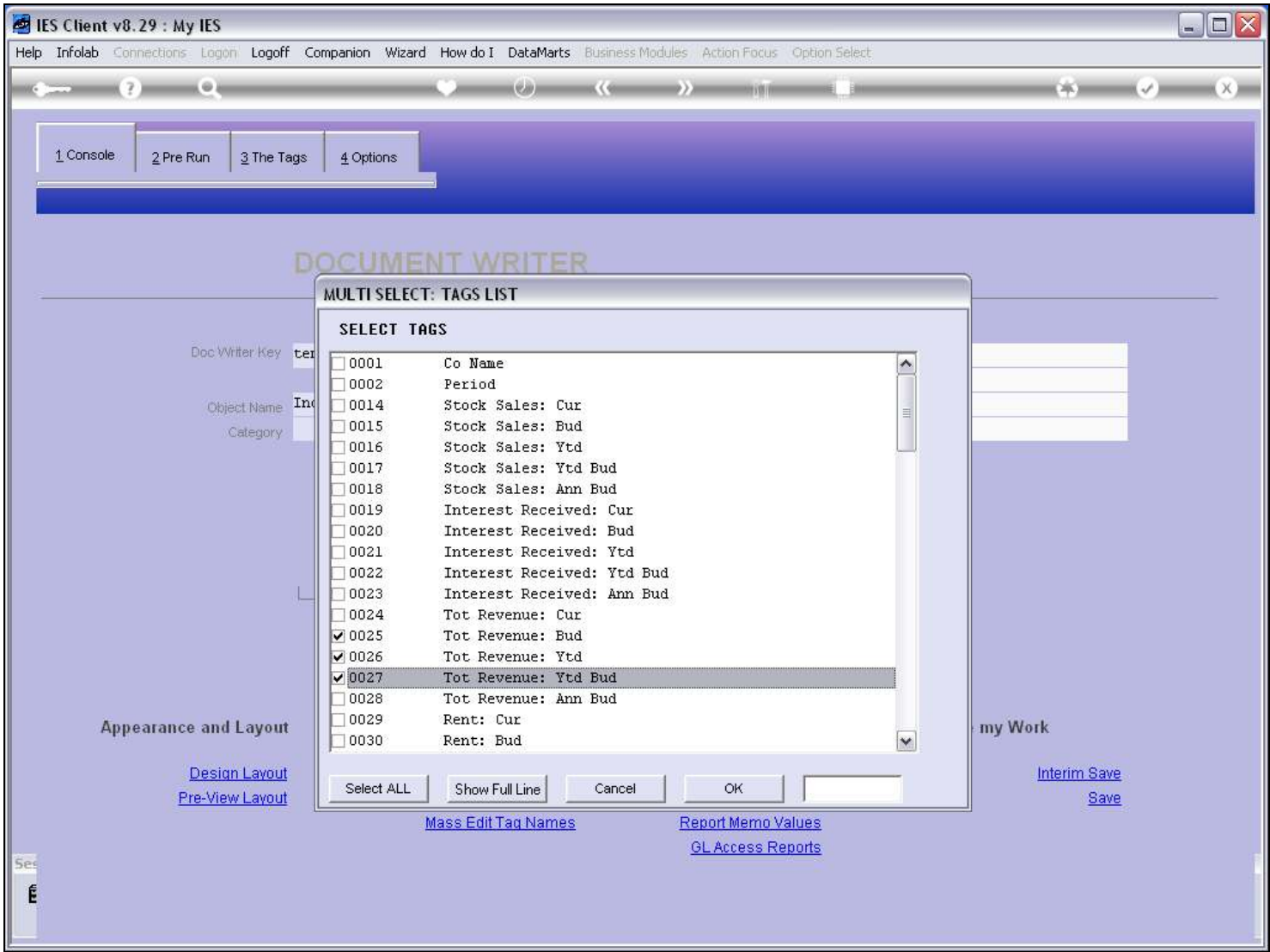

Slide notes

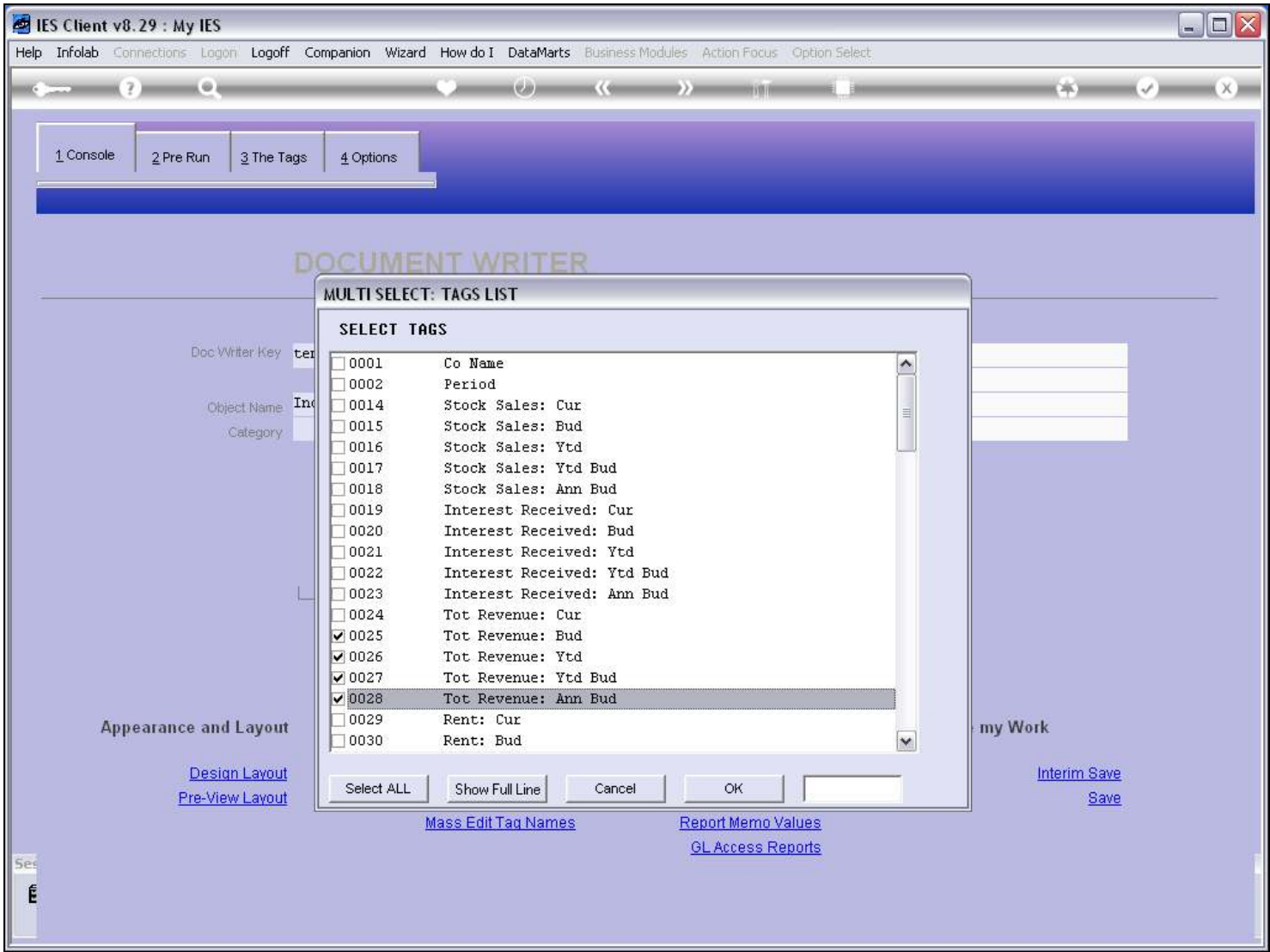## Slide 28 - Slide 28

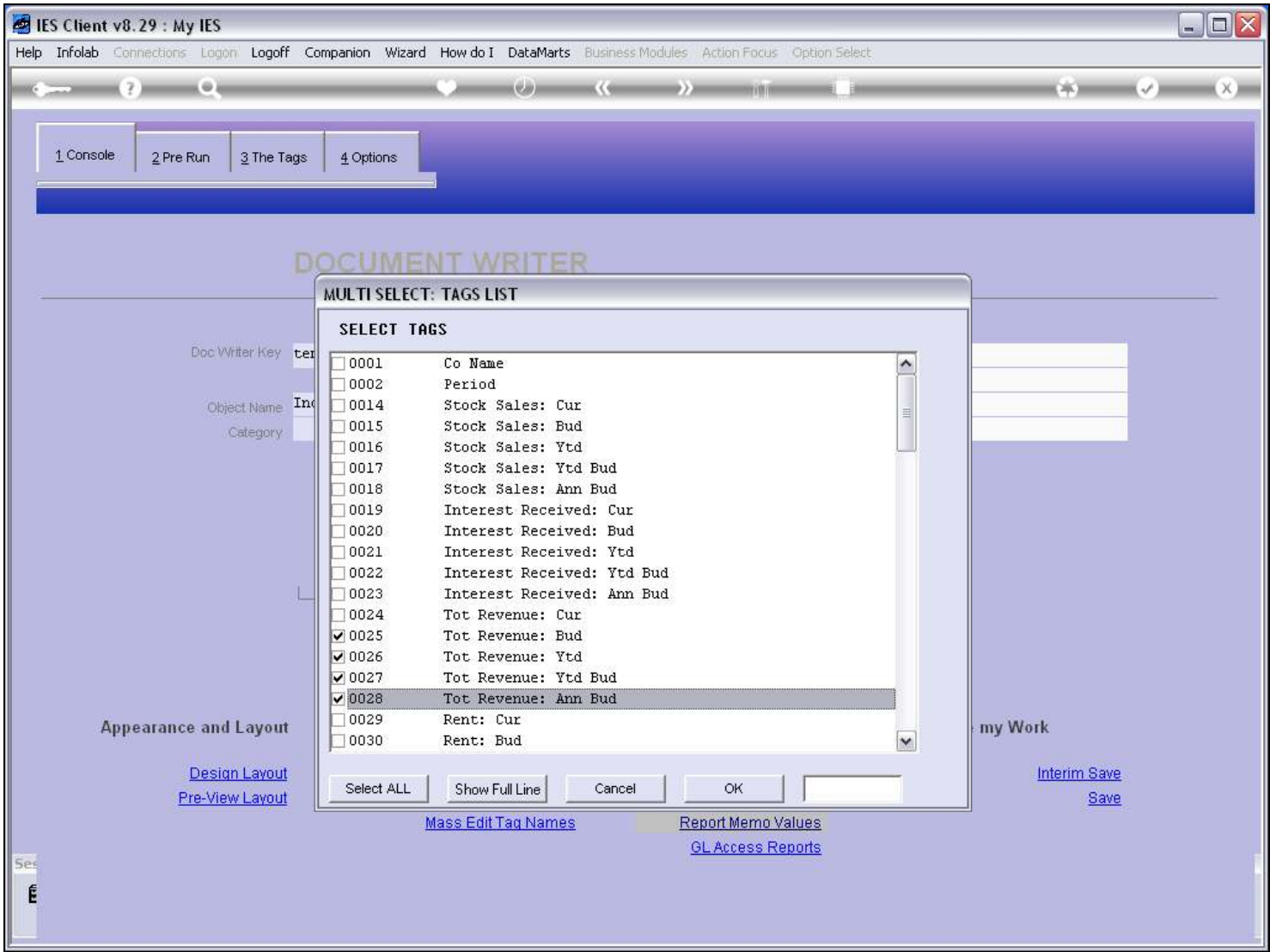## Slide notes

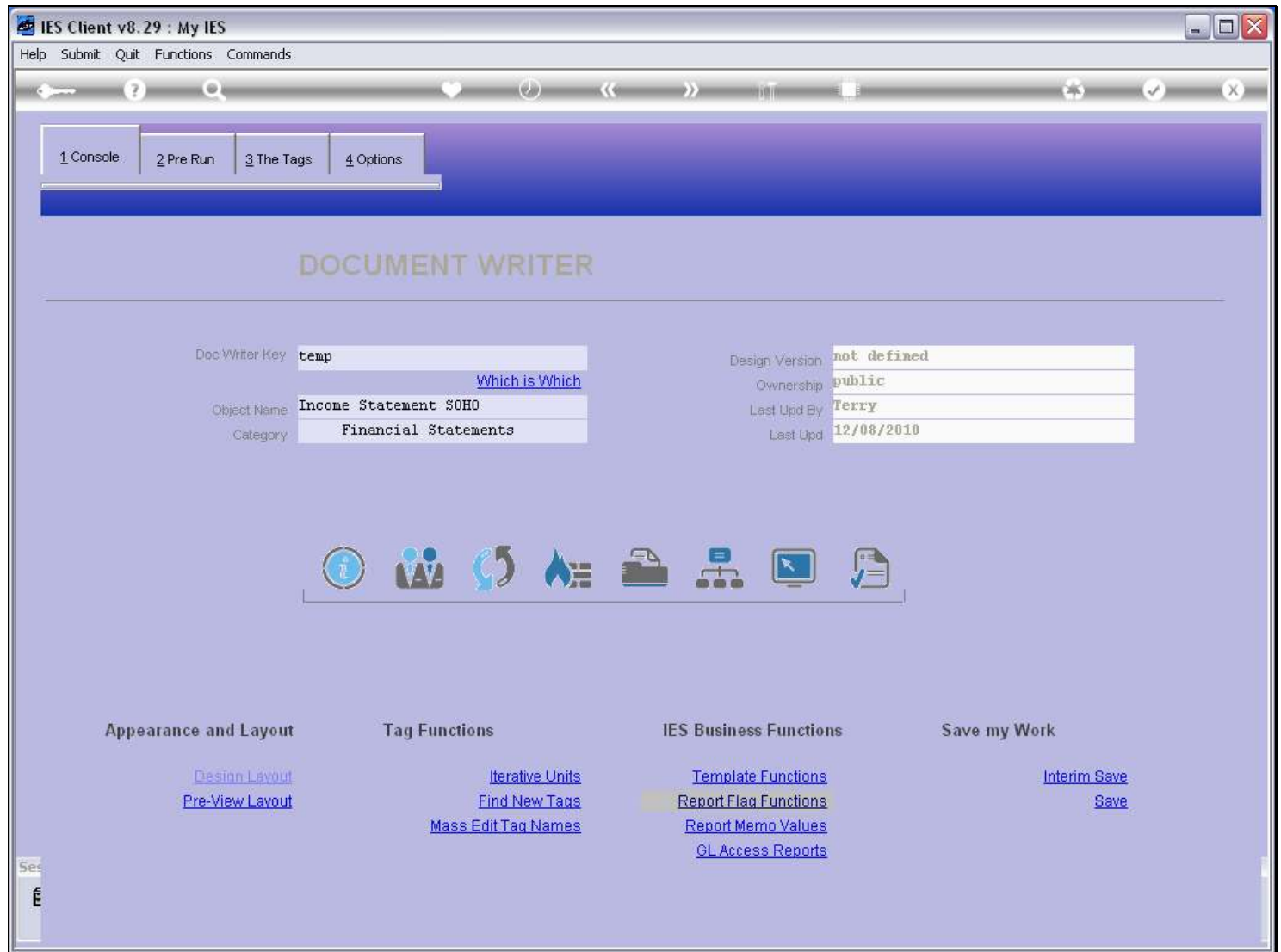## Slide 29 - Slide 29

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Slide 34 - Slide 34

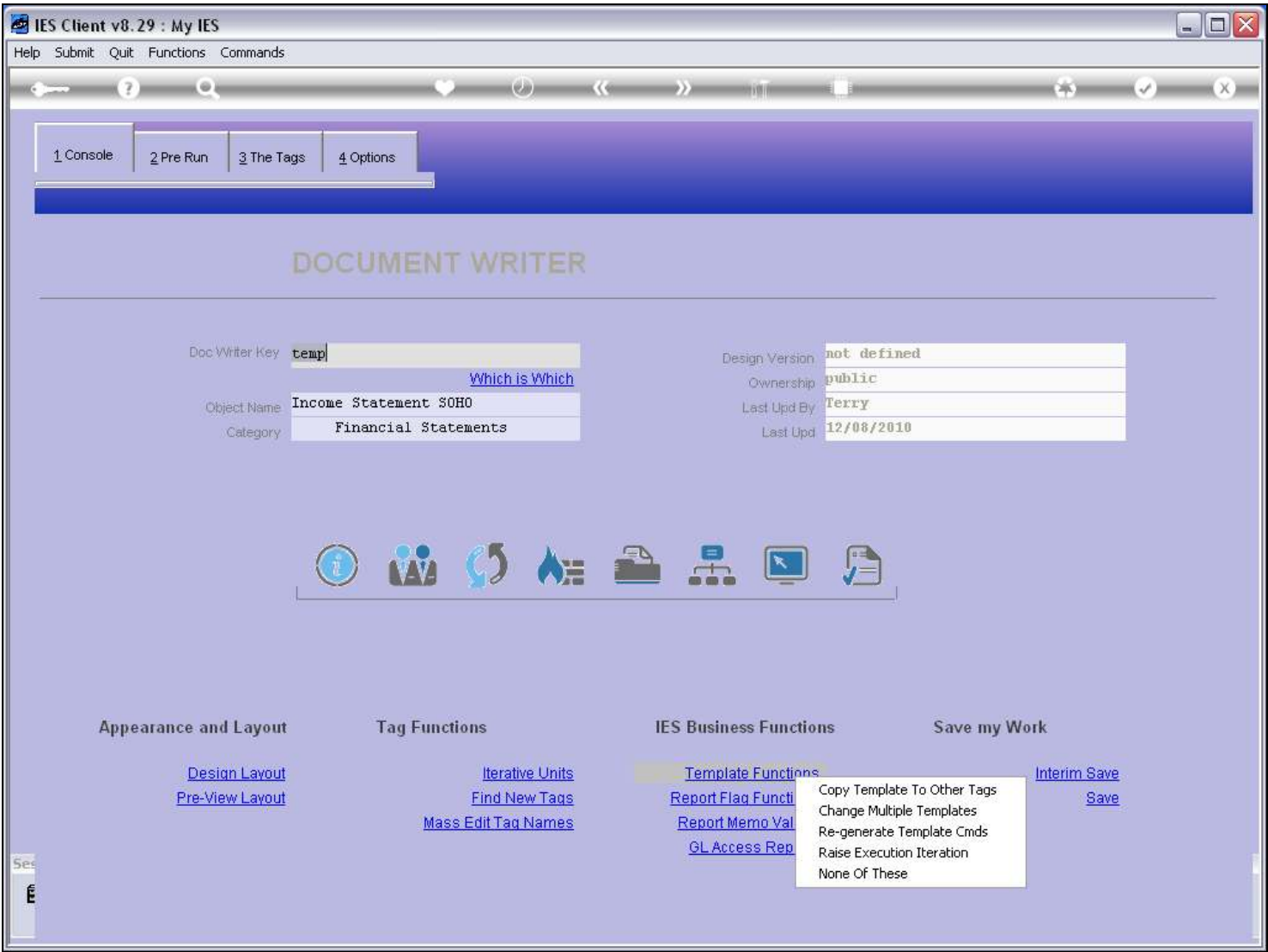

Slide notes

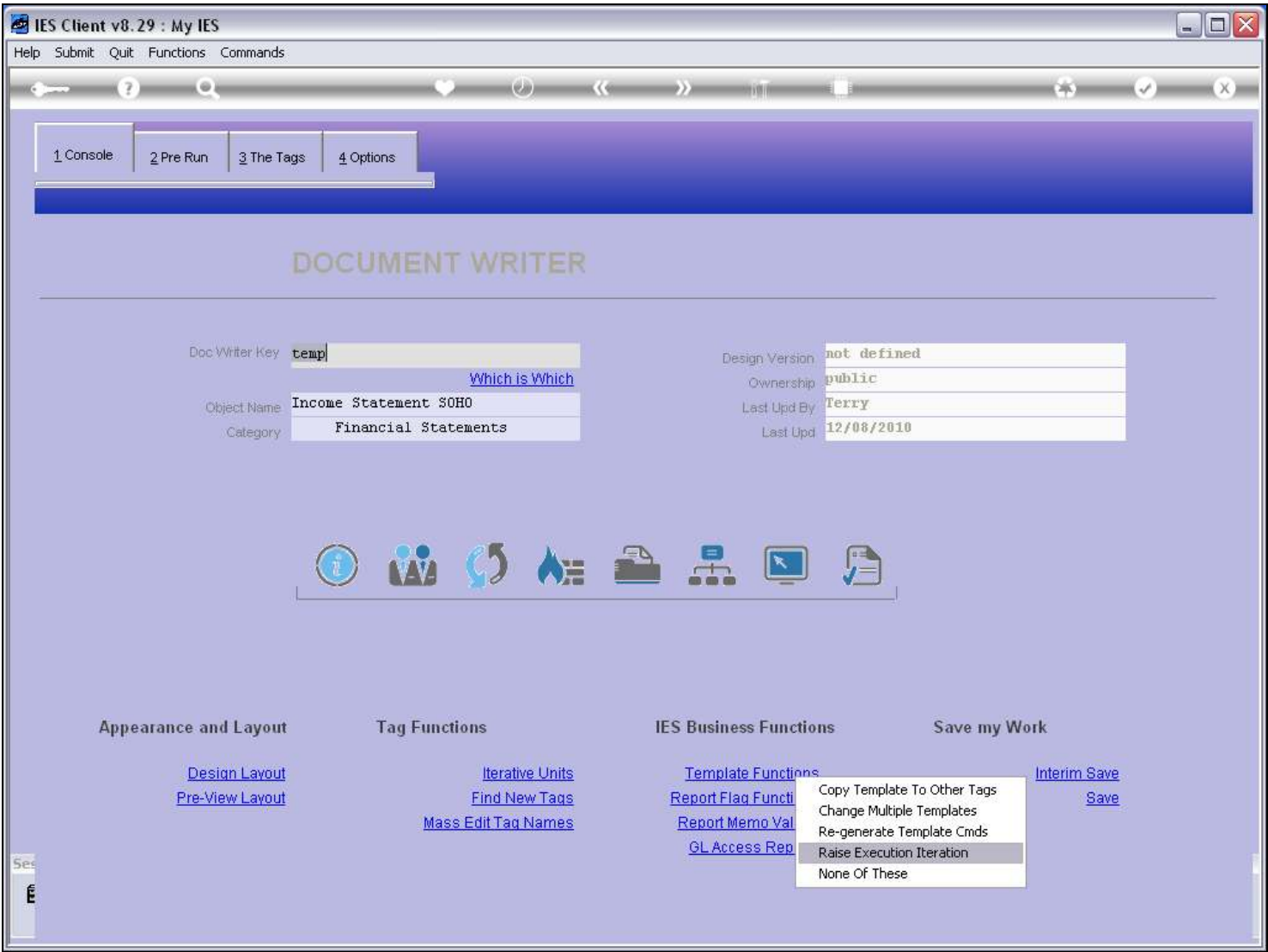## Slide 35 - Slide 35
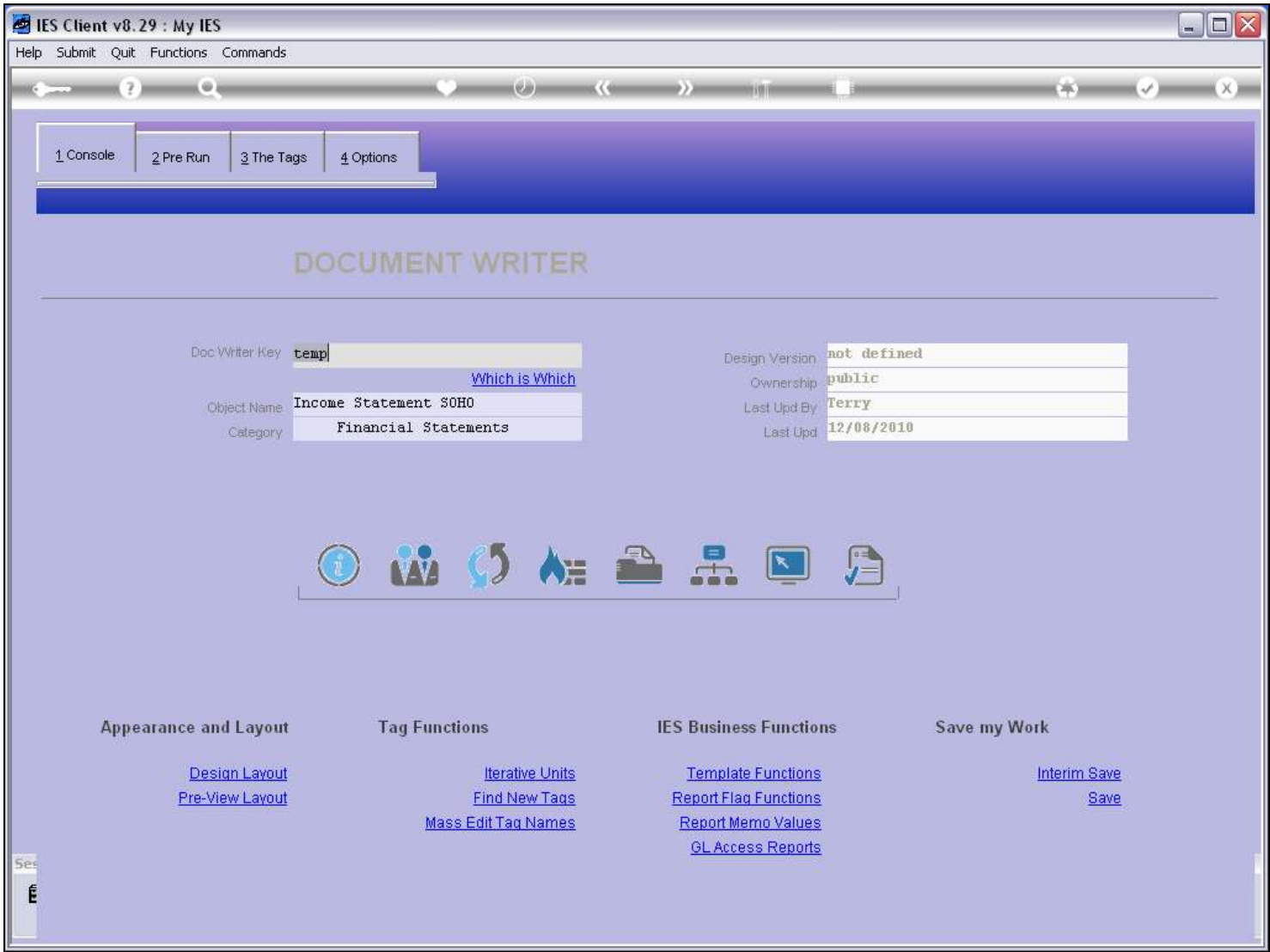
Slide notes

Slide 36 - Slide 36

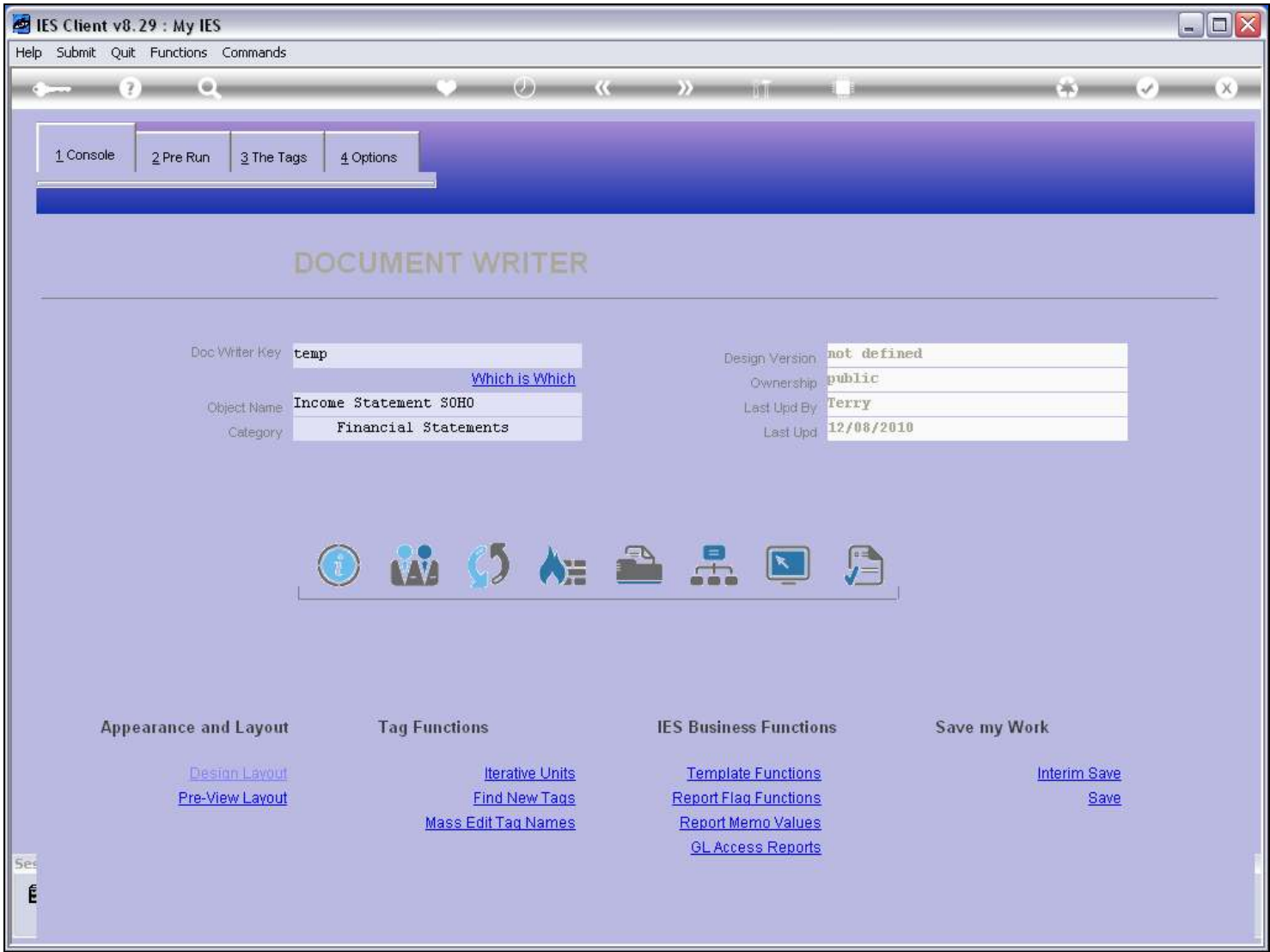## Slide notes

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Slide notes

The Automatic function raises all Tags that depend on other Tags.

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Slide 41 - Slide 41

Slide notes

Bear in mind though, that there may still be cases of Tags that depend on Others that also depend on Others, in which case we still need to raise some of them Manually or by Selection.