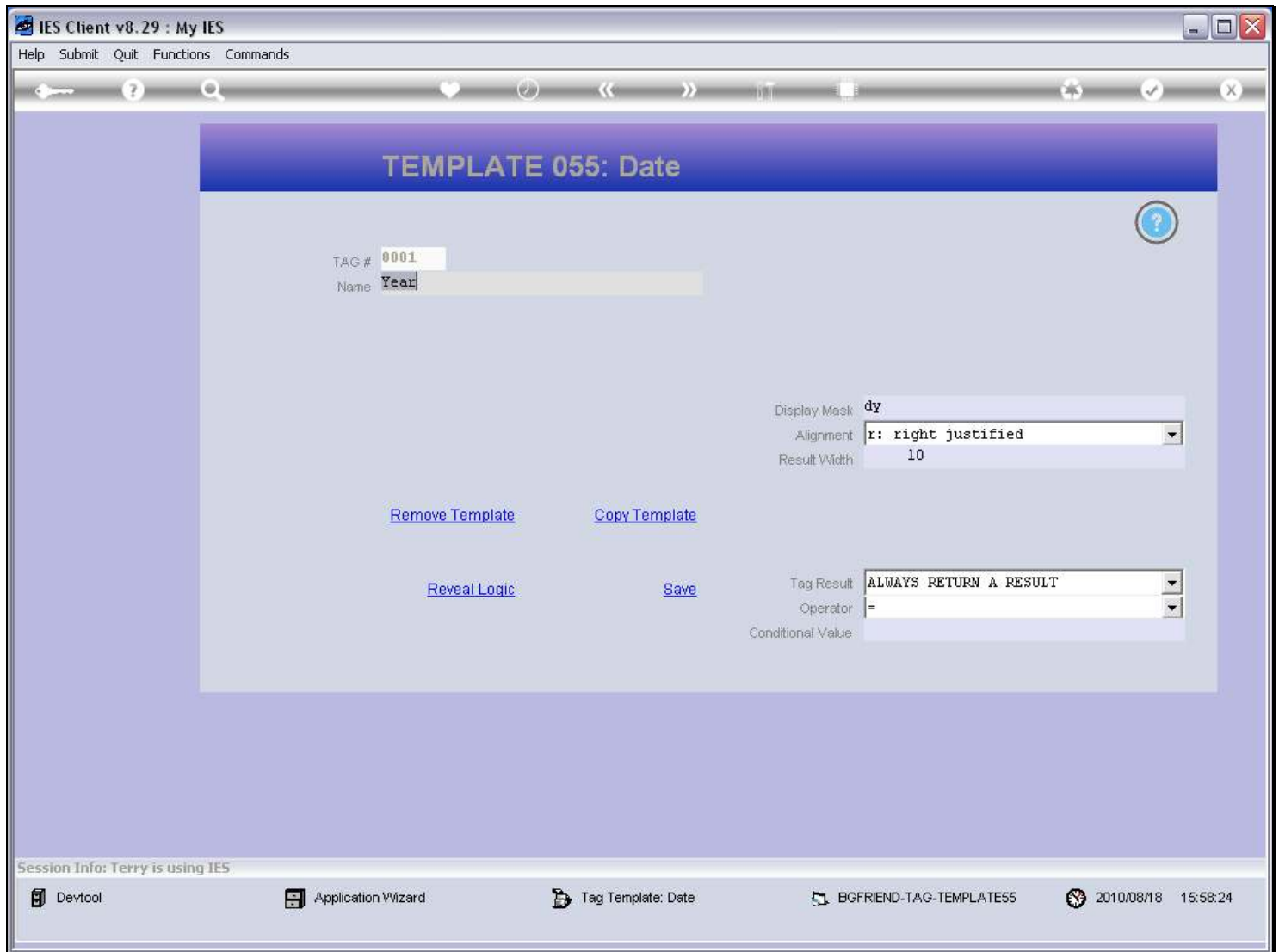
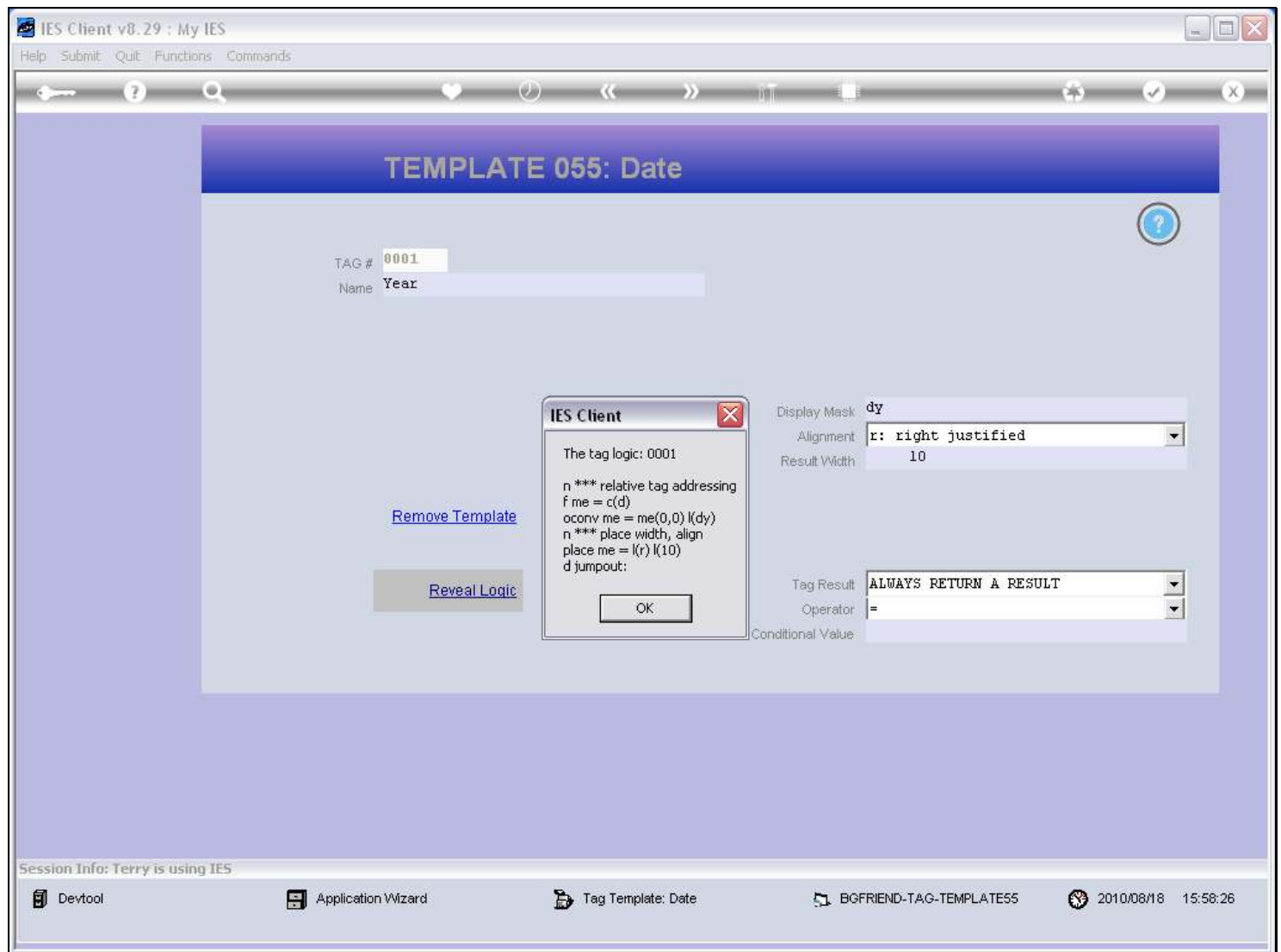
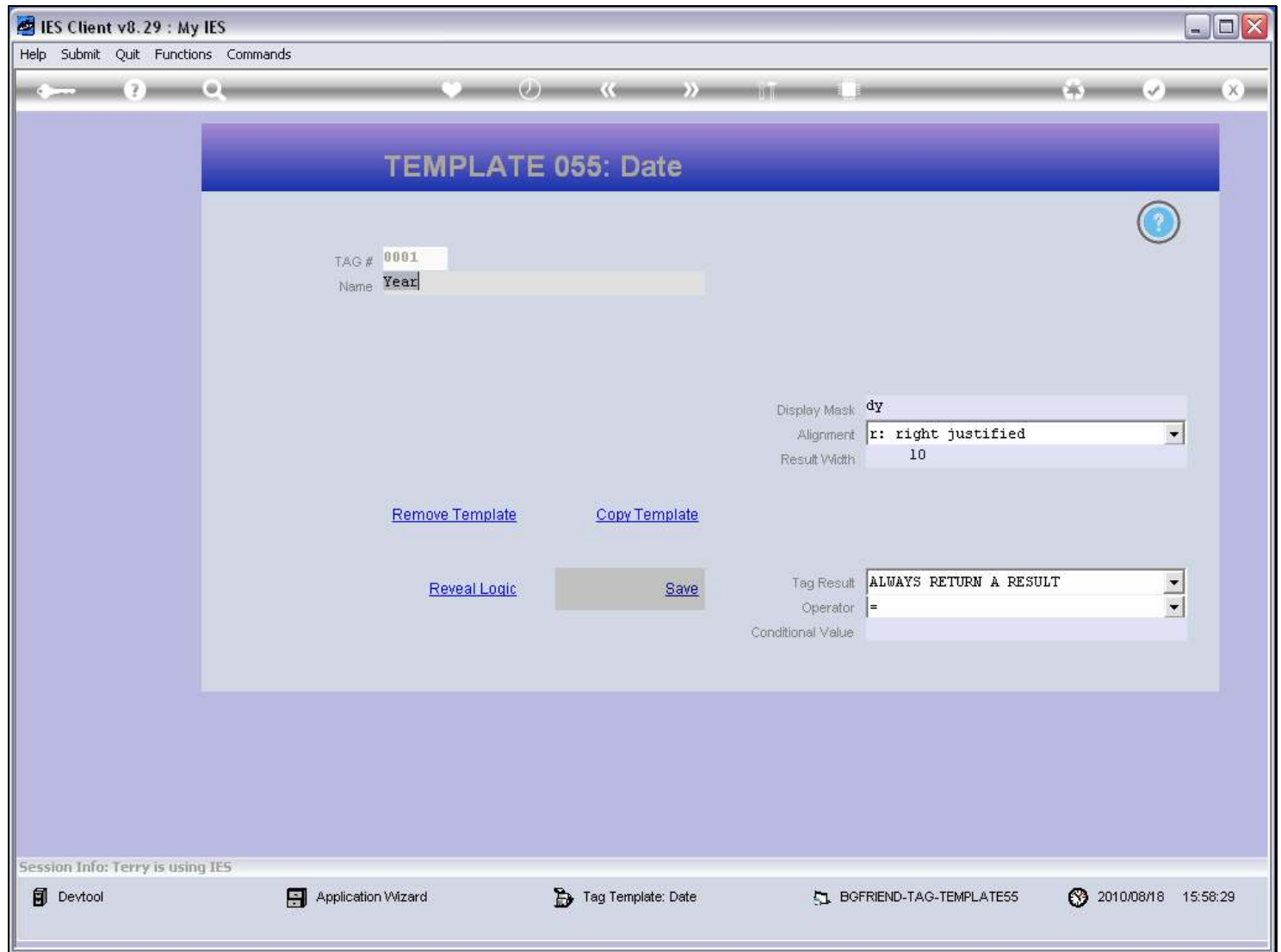


Slide 1 - Slide 1**Slide notes**

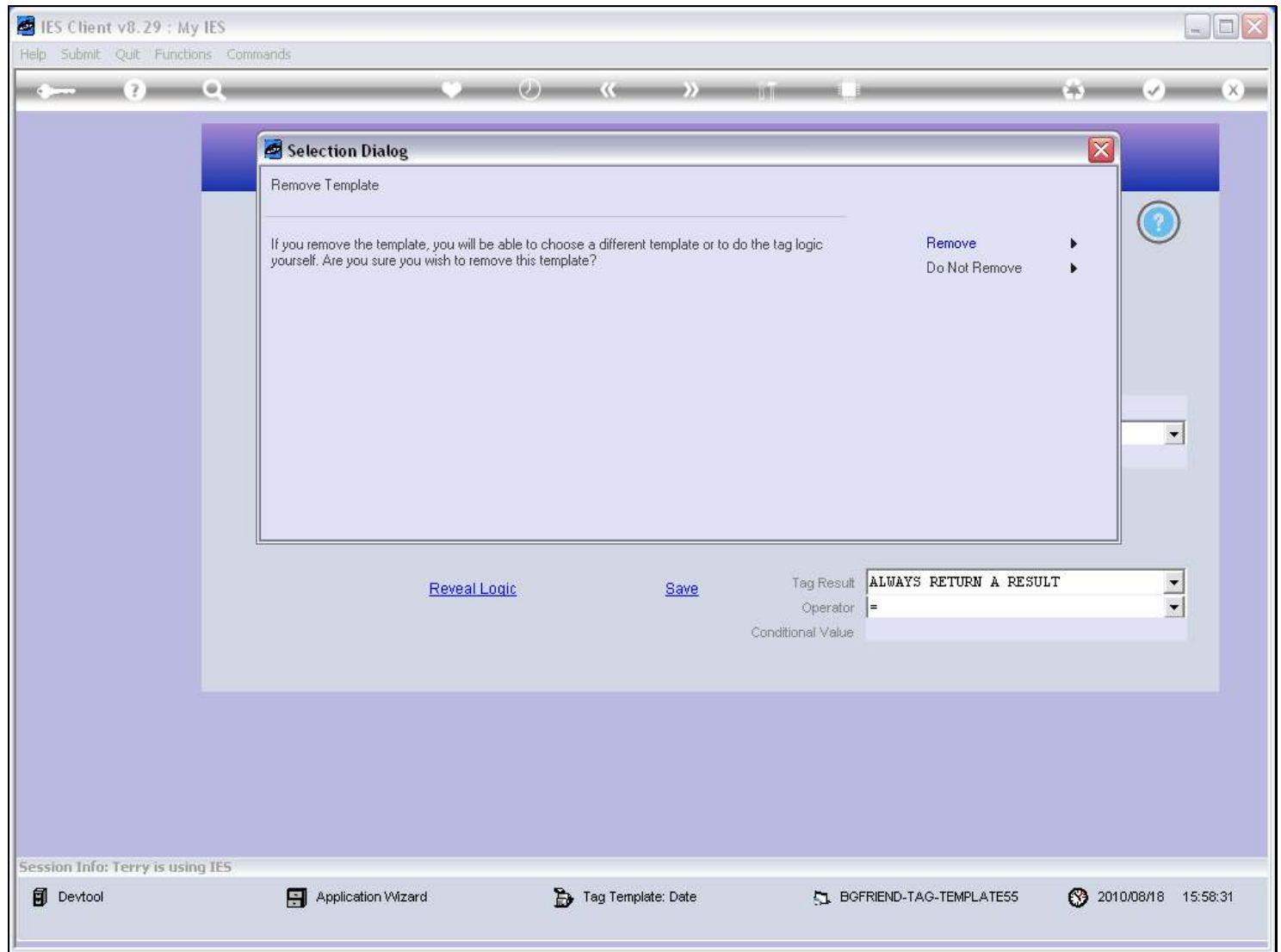
This Tag is using a Template. Let us have a look at the logic produced by the Tag Template, and then we will use the Macro wizard to produce the same logic.

Slide 2 - Slide 2**Slide notes**

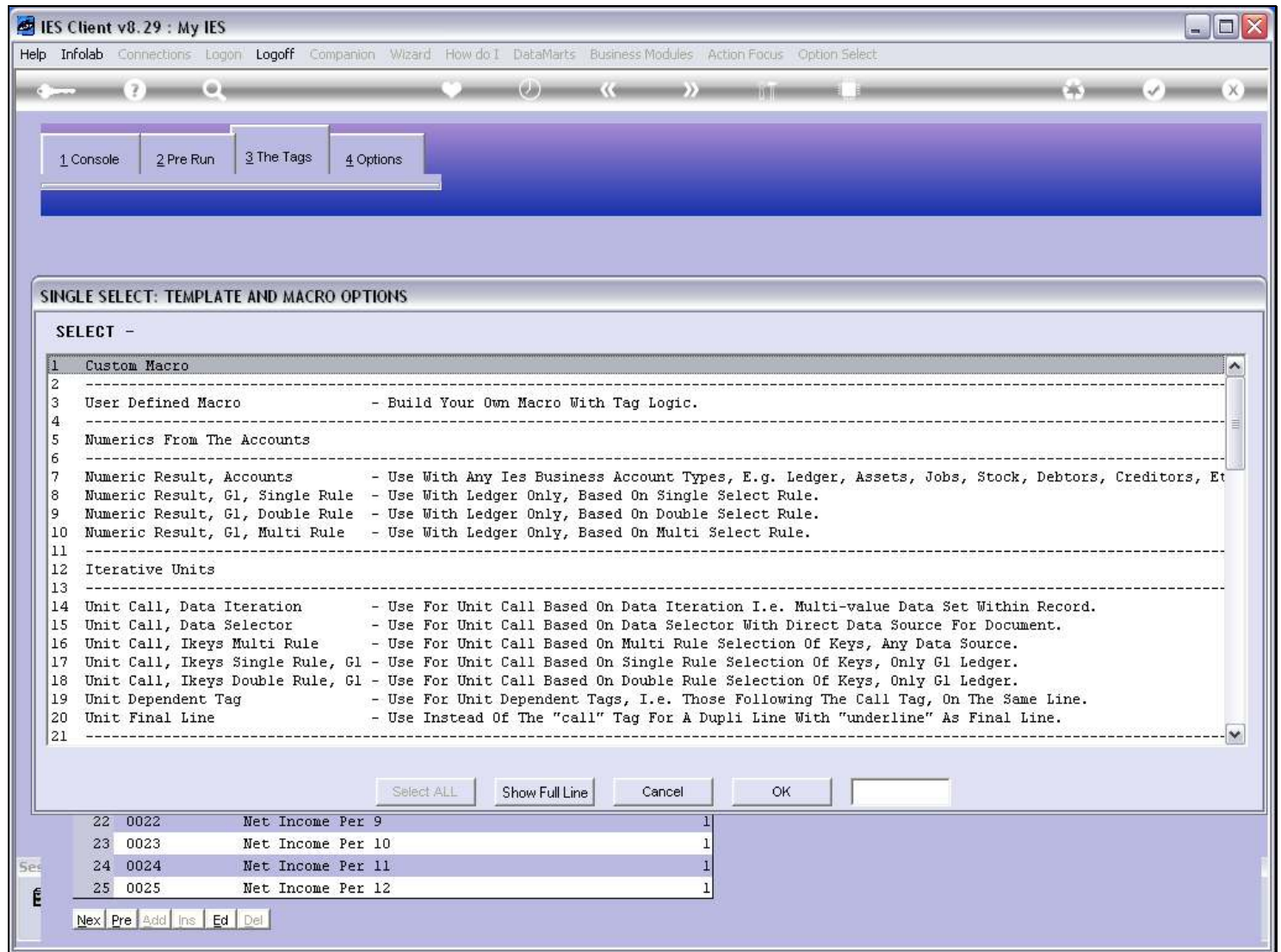
This is the logic that the Tag Template is producing.

Slide 3 - Slide 3**Slide notes**

If we remove the Template, then we can enter the Tag Macro itself.

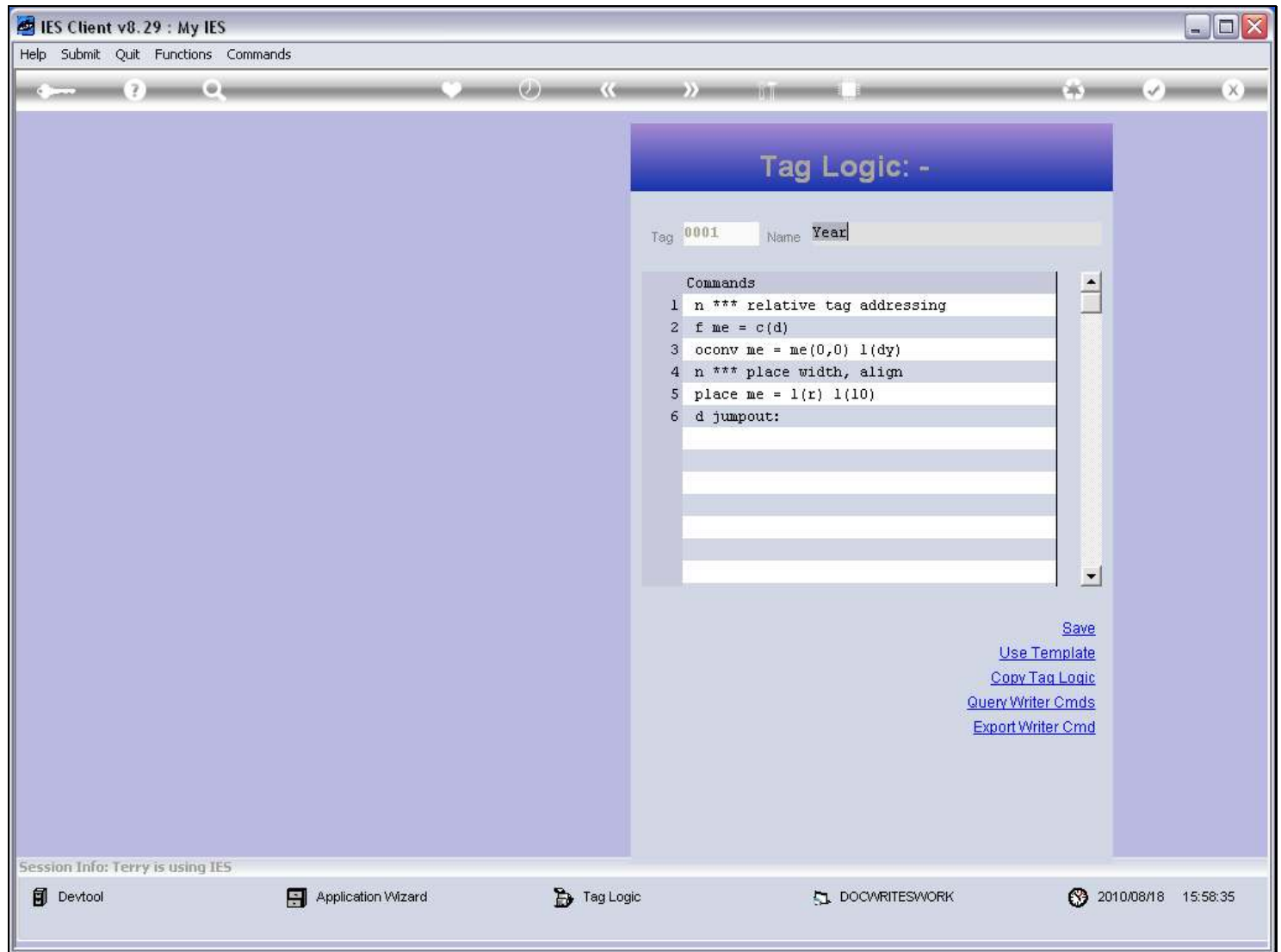
Slide 4 - Slide 4**Slide notes**

Slide 5 - Slide 5



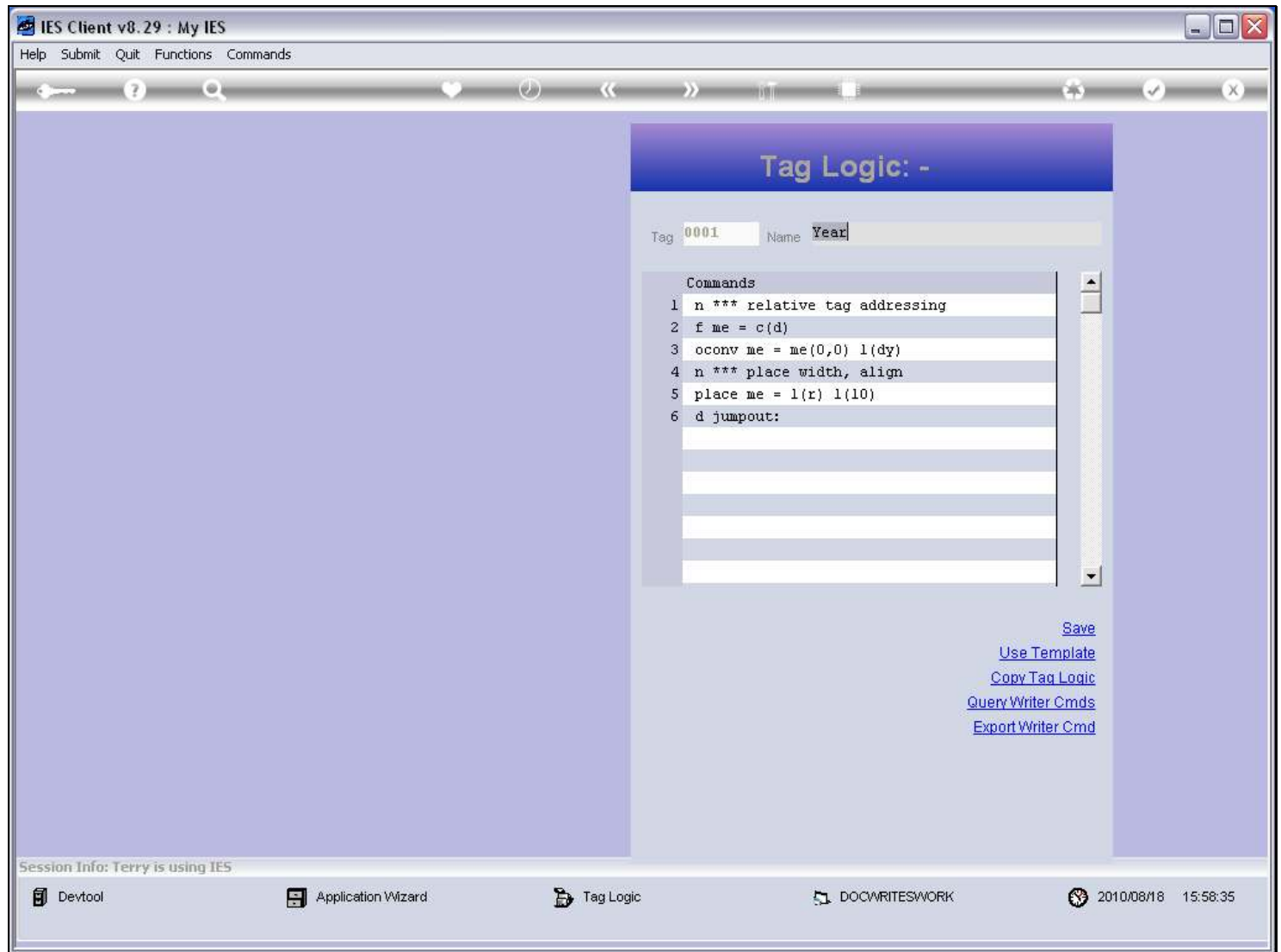
Slide notes

We can choose a different Template now, but instead we will choose to build our own Macro, because we want to use the Macro wizard as an example.

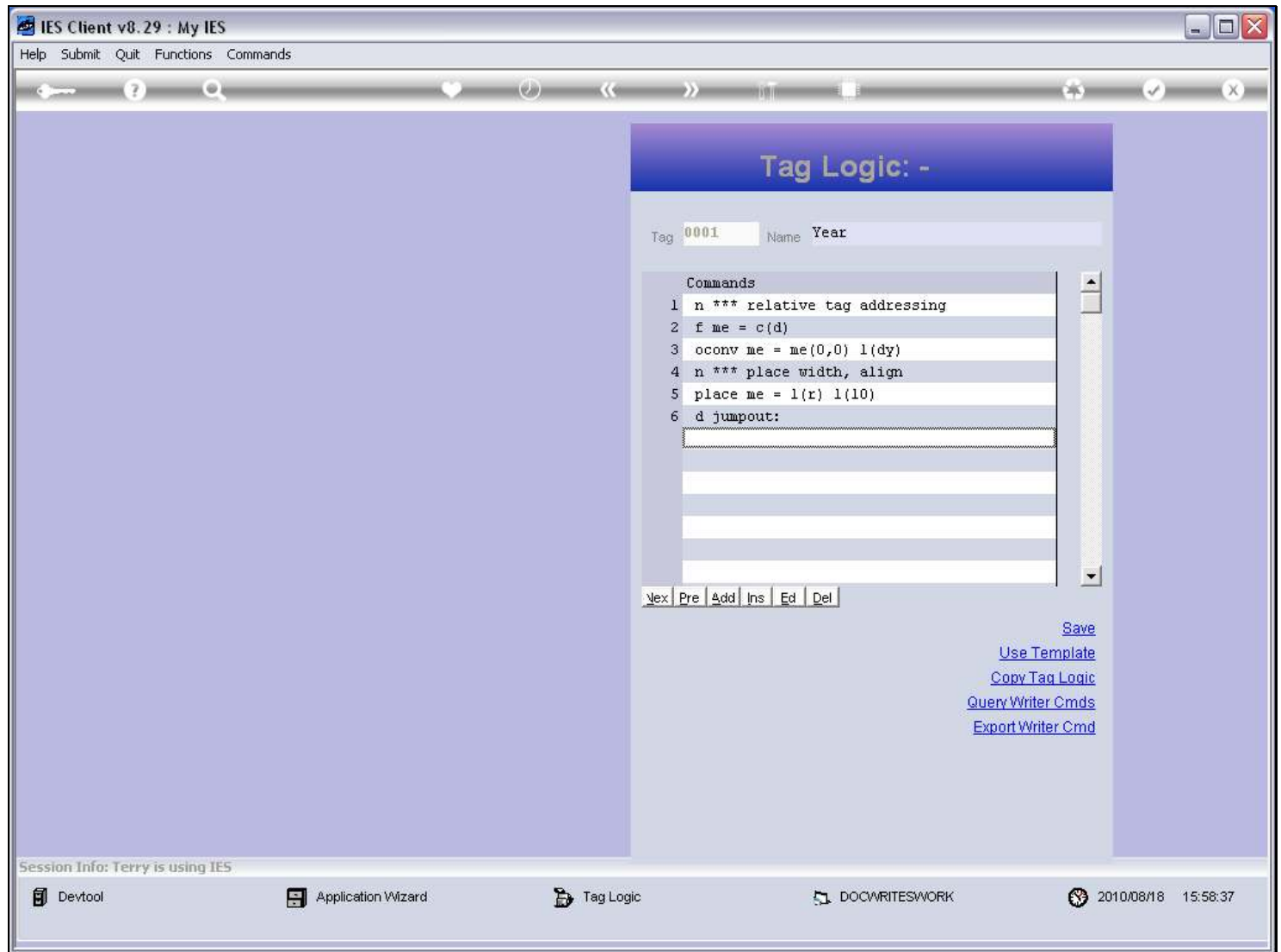
Slide 6 - Slide 6**Slide notes**

When we have already had a Template on a Tag and then move to the Macro option, then the Macro inherits the logic that was previously generated by the Tag Template.

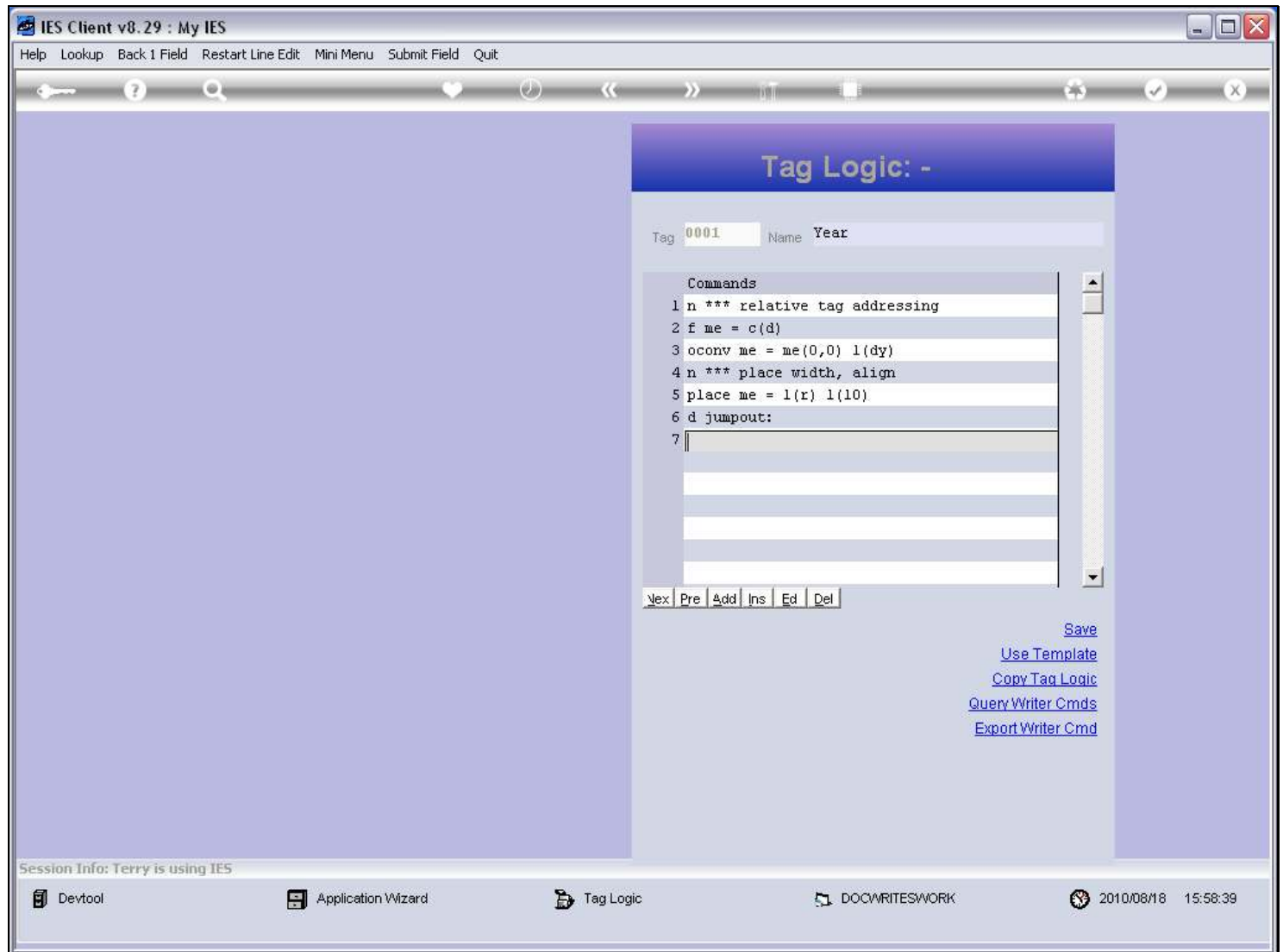
Therefore, we can 1st use the Template and then make additional changes to the logic, if we want.

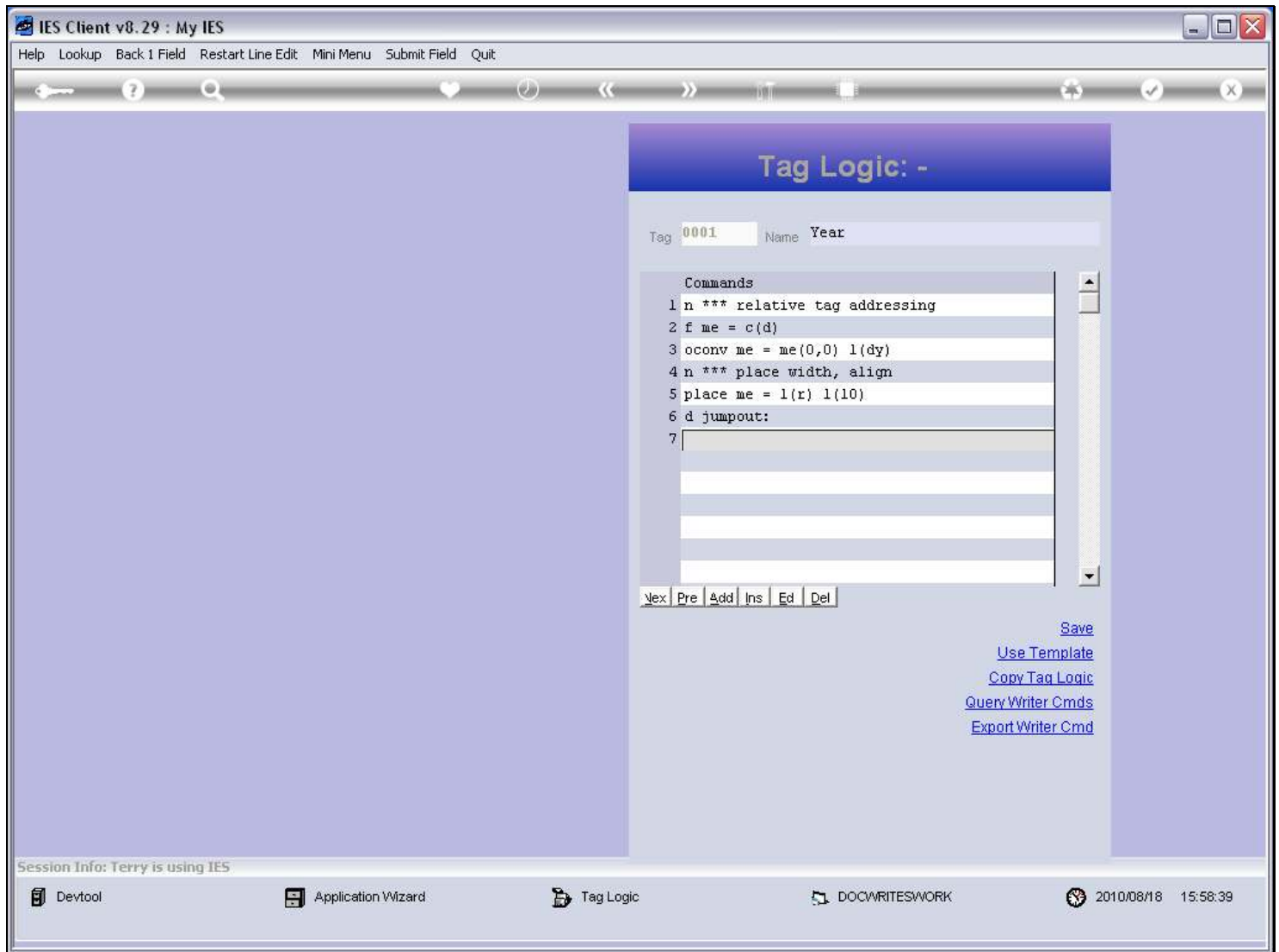
Slide 7 - Slide 7**Slide notes**

In this case, our purpose is different. The Macro wizard is available for editing logic, that is IF we ever want to get into the logic at this level, and it can be used without ever using a Template on the Tag, i.e. by building the logic from scratch. However, most Users will never use this, and will only use the Template options that automatically generate all the required Tag logic.

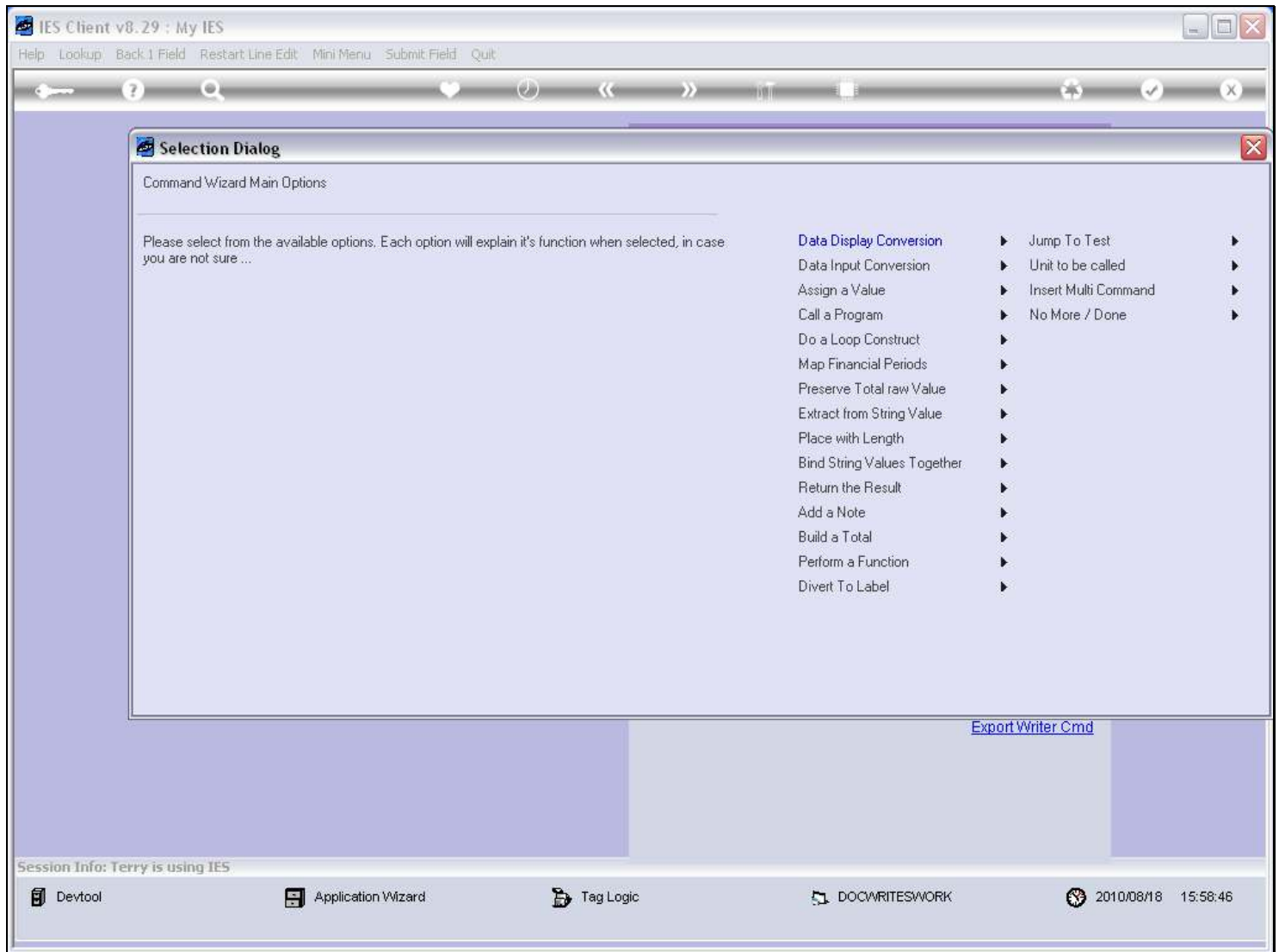
Slide 8 - Slide 8**Slide notes**

We are now going to reproduce this logic by using the Macro wizard. When using the Macro wizard one needs to understand a little about the syntax used for these Macros, and we can learn that from the syntax document. The point is that one needs a plan, i.e. a logical sequence as to what is required to produce the answer for the Tag. In this case, the logic gets the Date from the system, then converts that into the Calendar Year only, and then this answer is placed on a field that is 10 characters wide, and aligns it to the right.

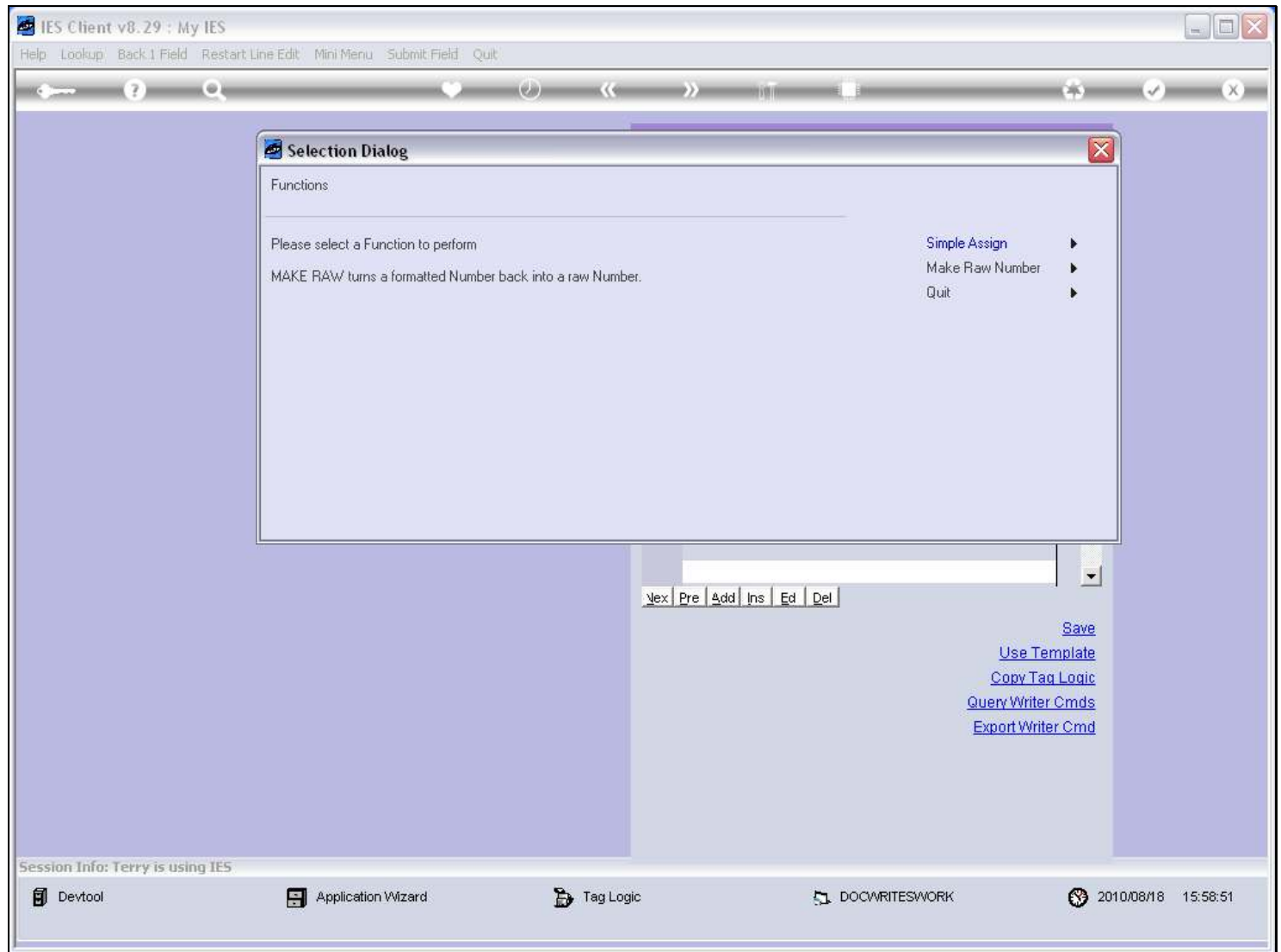
Slide 9 - Slide 9**Slide notes**

Slide 10 - Slide 10**Slide notes**

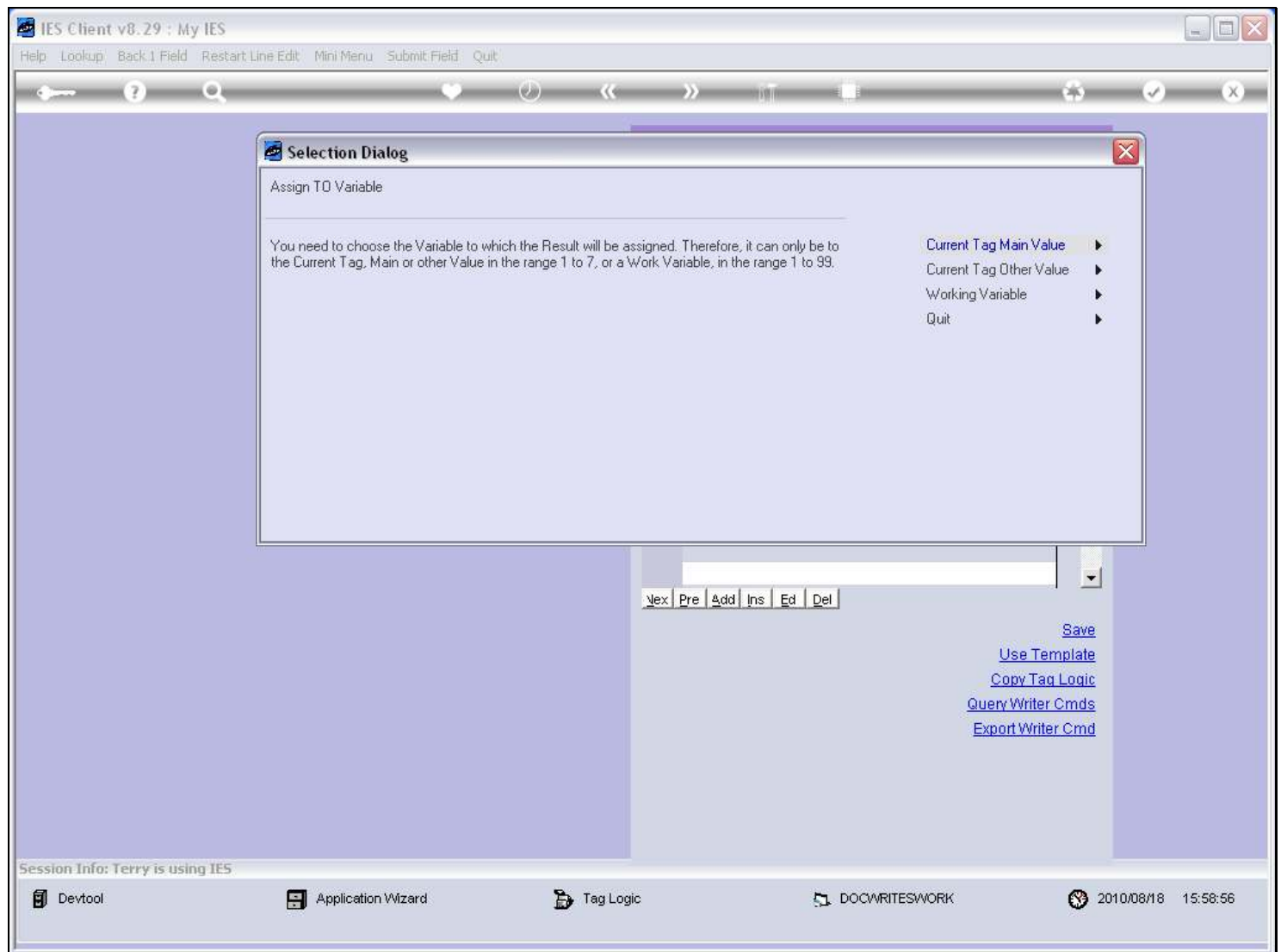
We can enter the Macro wizard by typing 'w' and pressing ENTER.

Slide 11 - Slide 11**Slide notes**

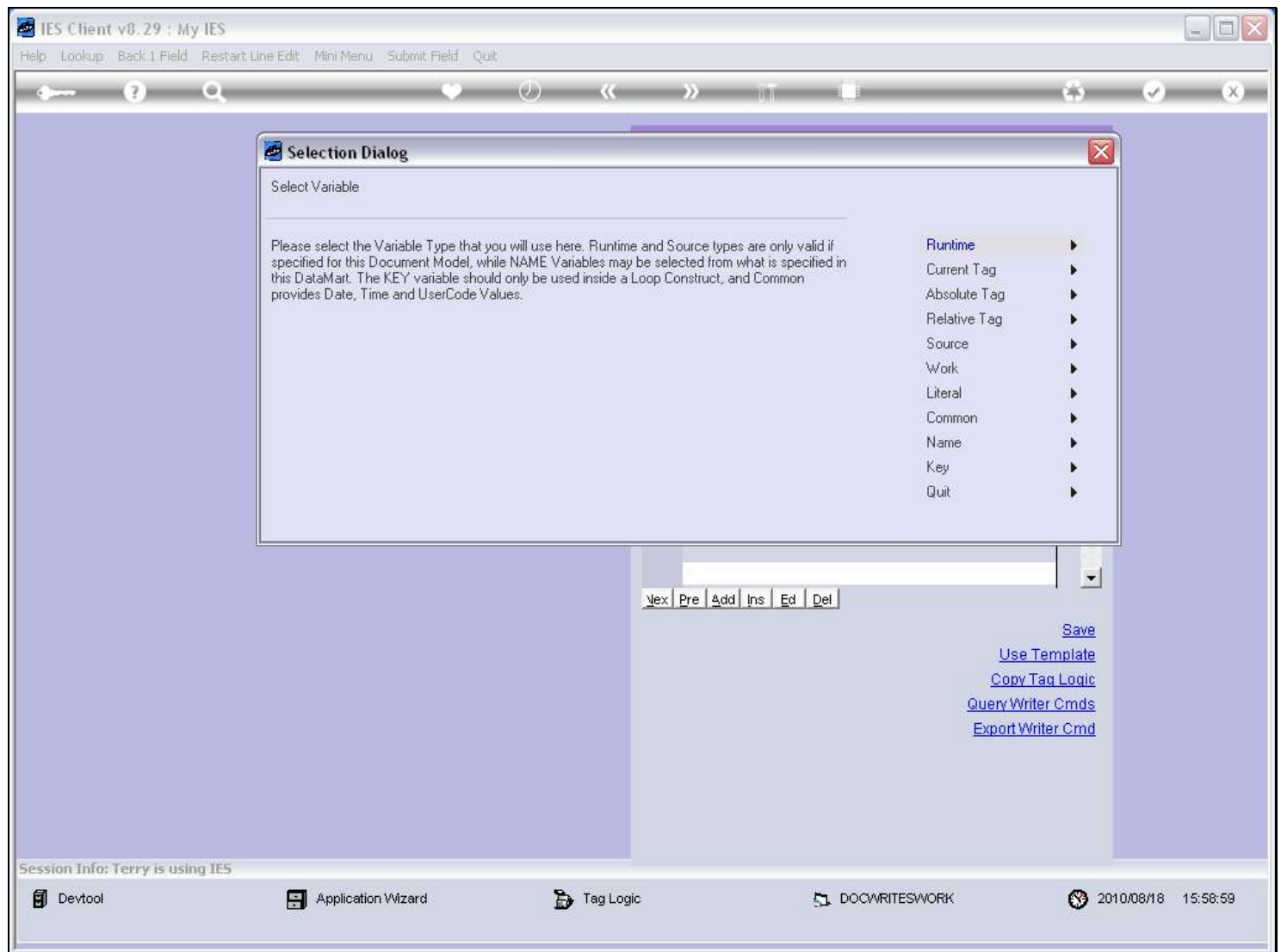
From the options available here, we have to make a choice as to the next command. The only option that can possibly give us the Date is the 'Function' option.

Slide 12 - Slide 12**Slide notes**

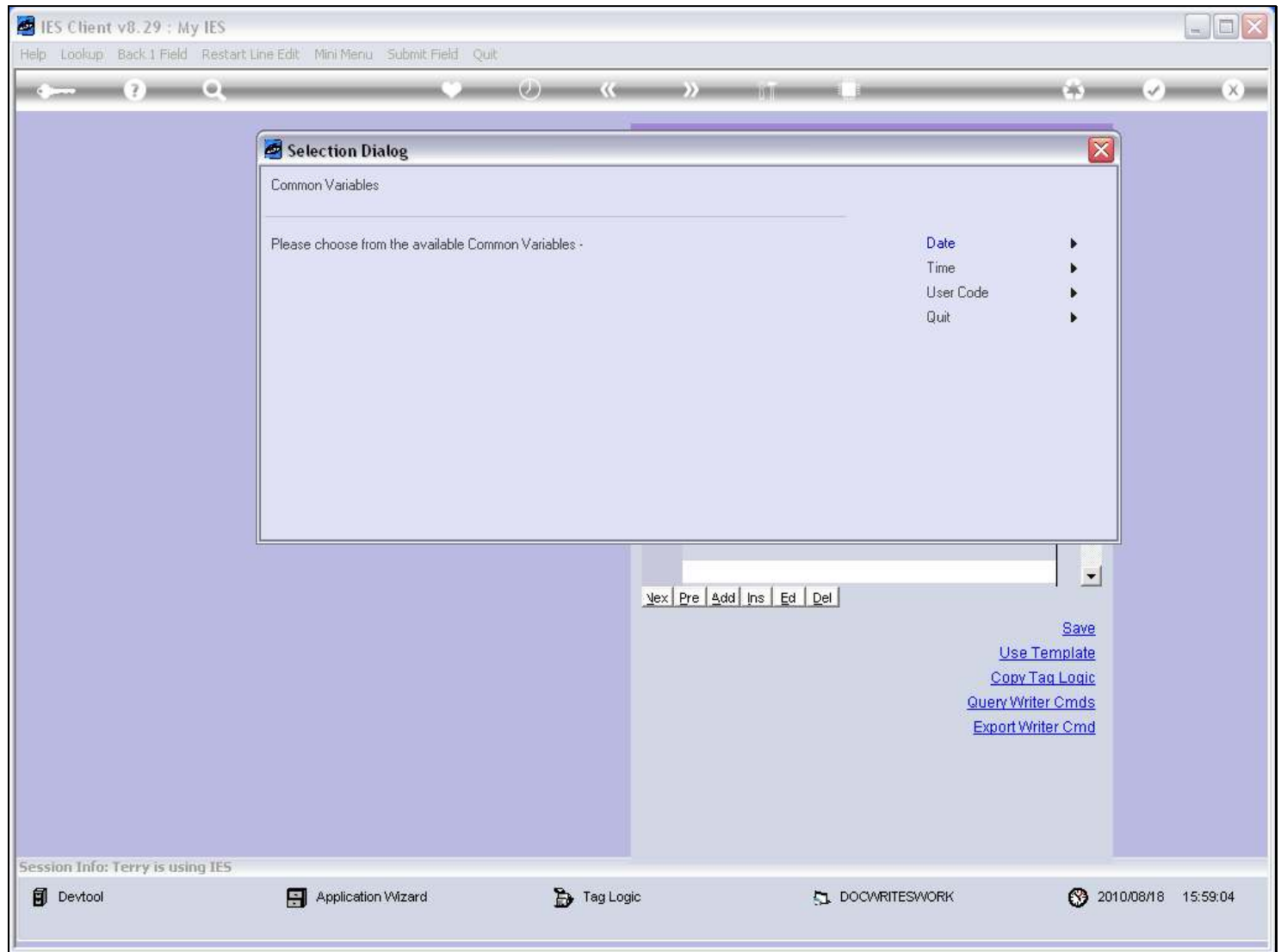
The next choice is 'Simple Assign'.

Slide 13 - Slide 13**Slide notes**

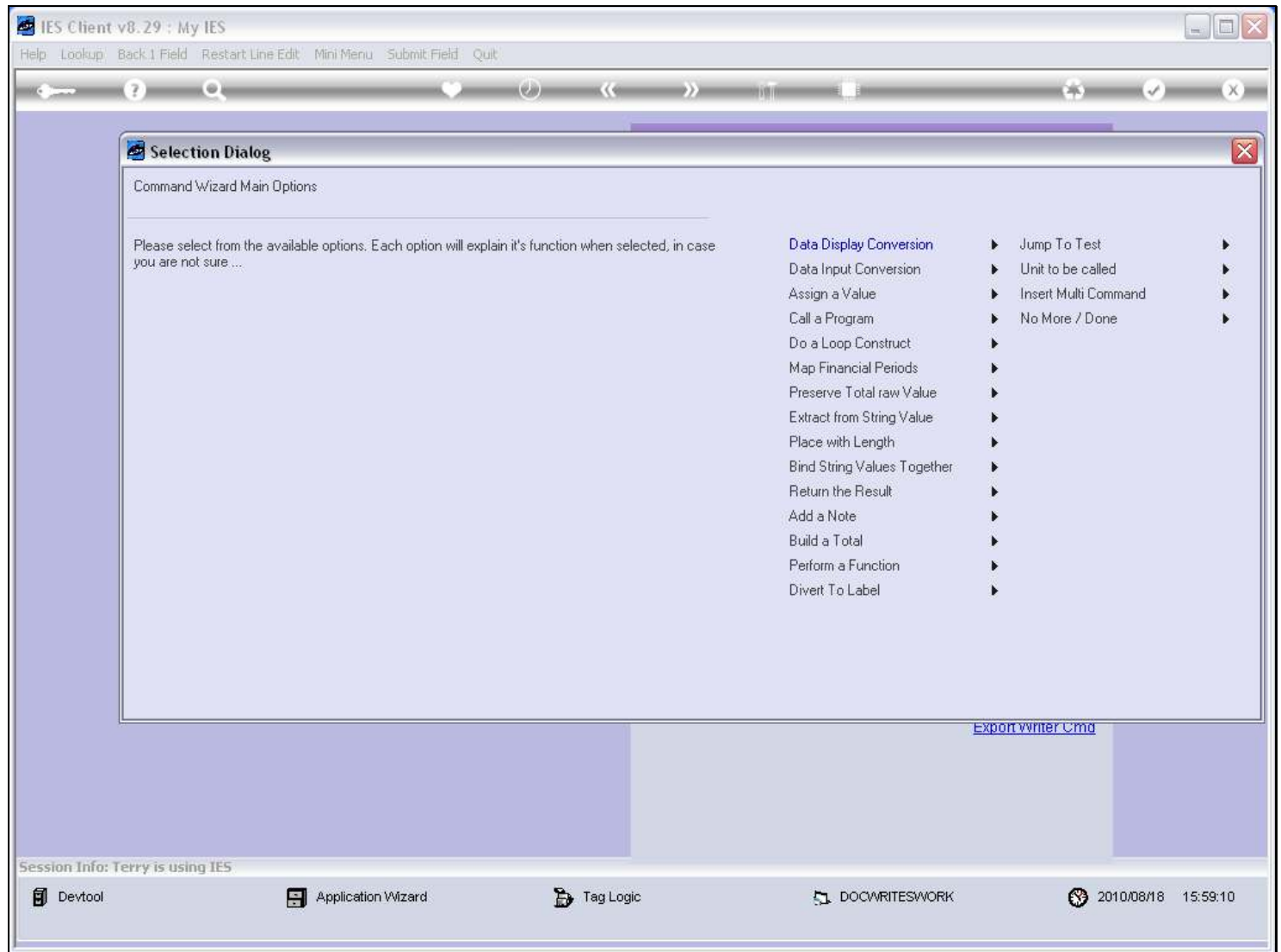
The 'Assign To' variable will be the Current Tag Main Value.

Slide 14 - Slide 14**Slide notes**

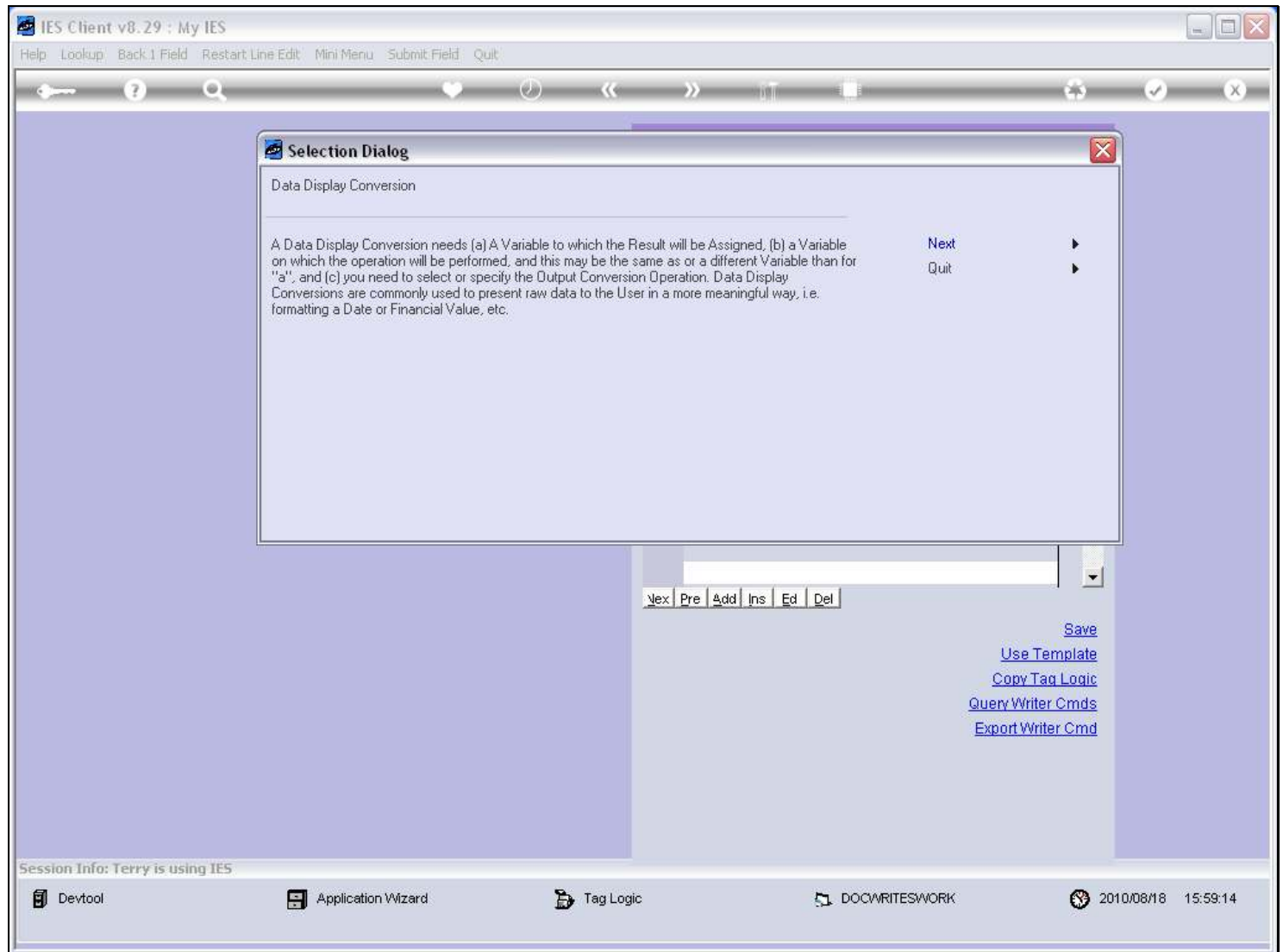
The Variable that we want to retrieve is found at 'Common'.

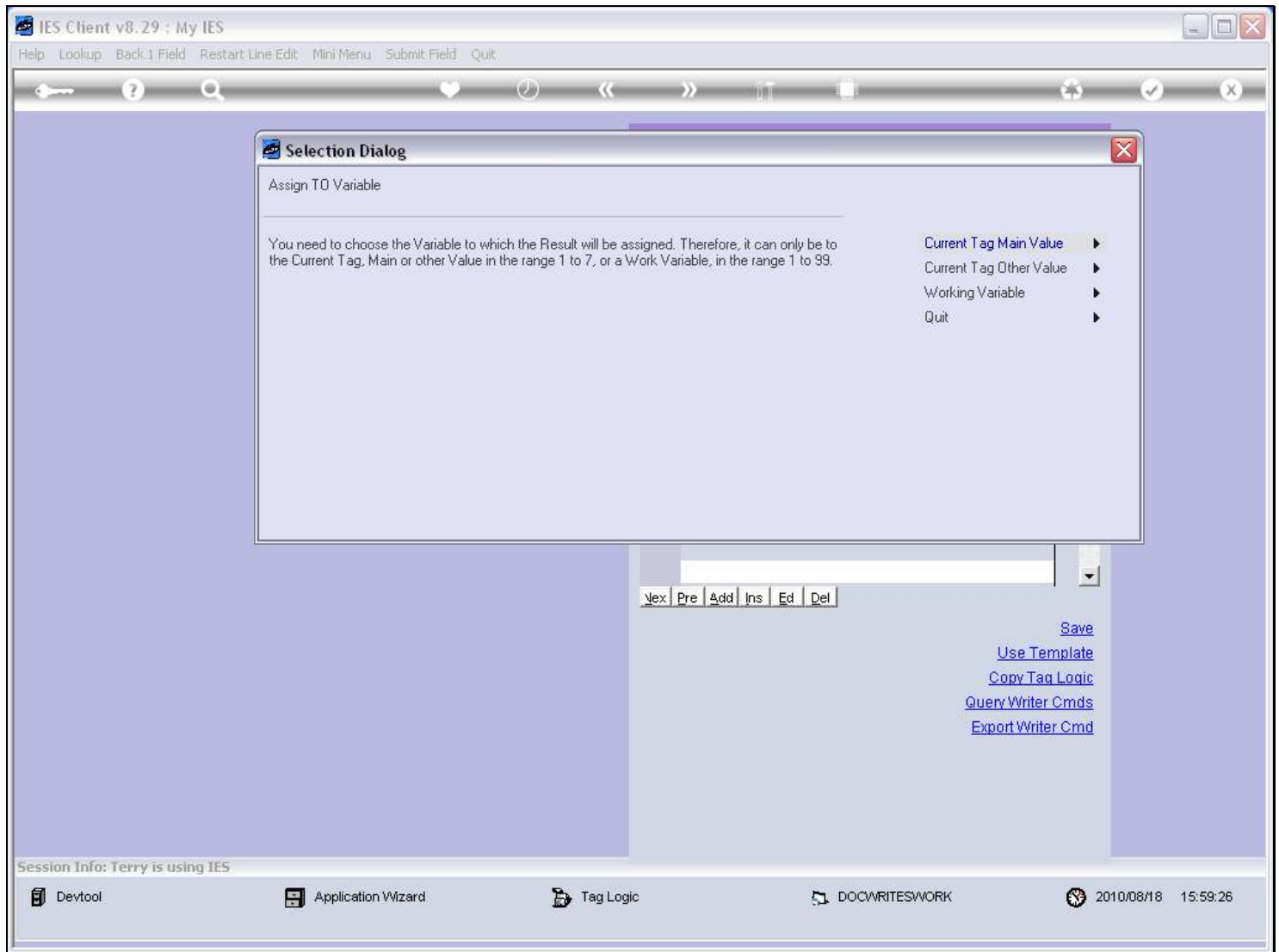
Slide 15 - Slide 15**Slide notes**

And it is the 'Date' that we are interested in.

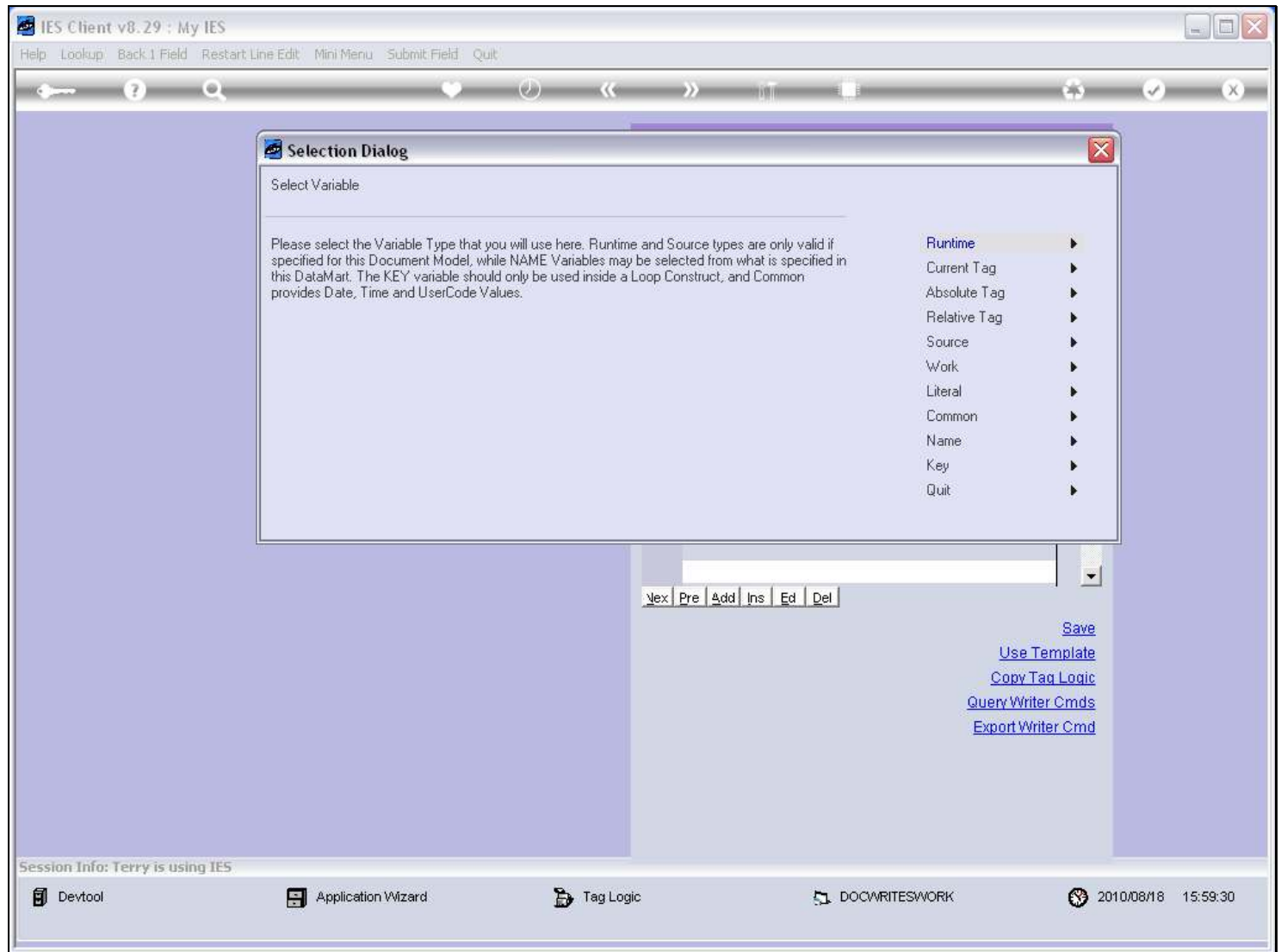
Slide 16 - Slide 16**Slide notes**

The 1st command is done. Now we need to perform a Display Conversion on the Date.

Slide 17 - Slide 17**Slide notes**

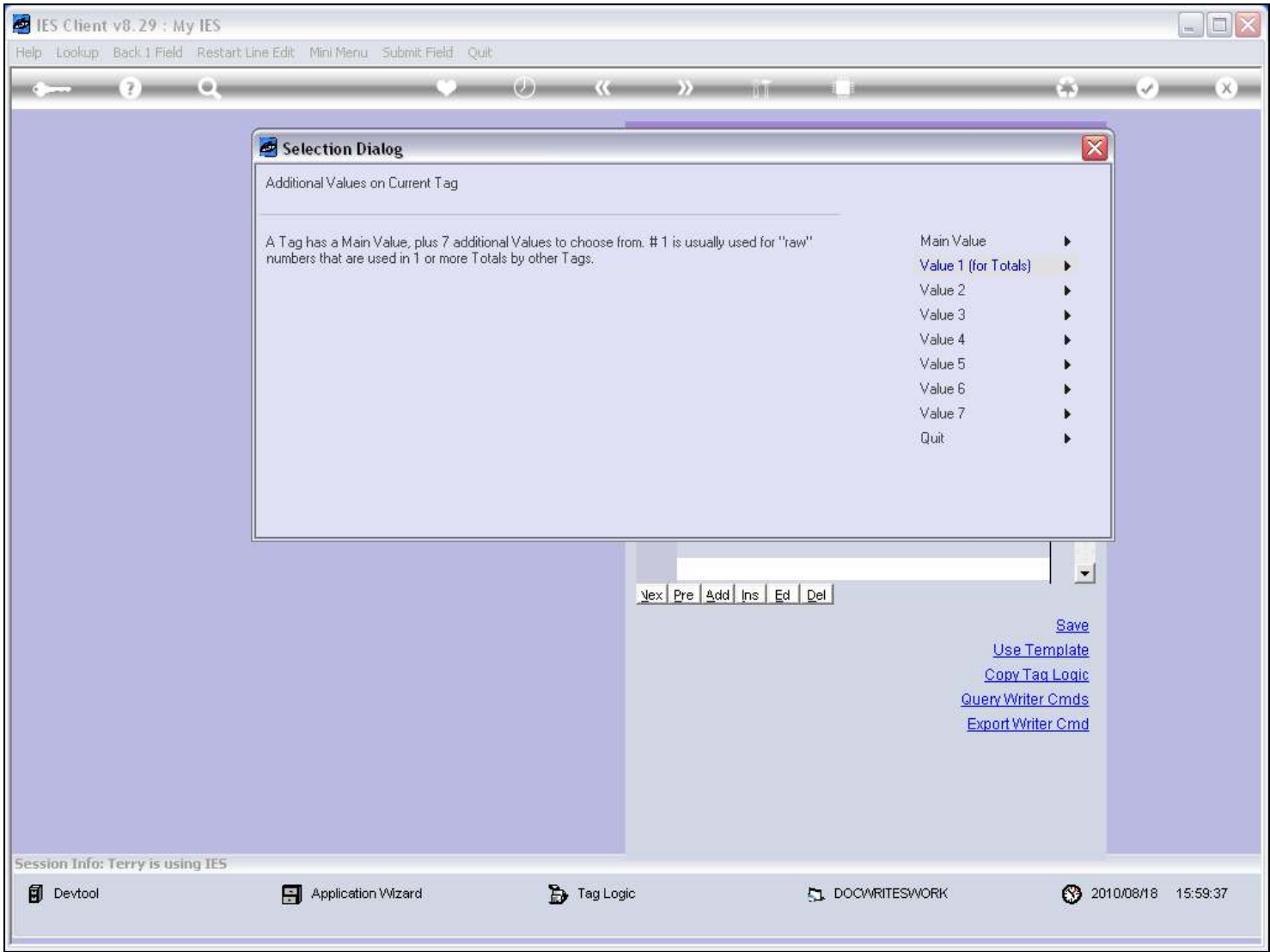
Slide 18 - Slide 18**Slide notes**

The answer will be assigned to the Current Tag Main Value, which is used as the final 'answer' for the Tag.

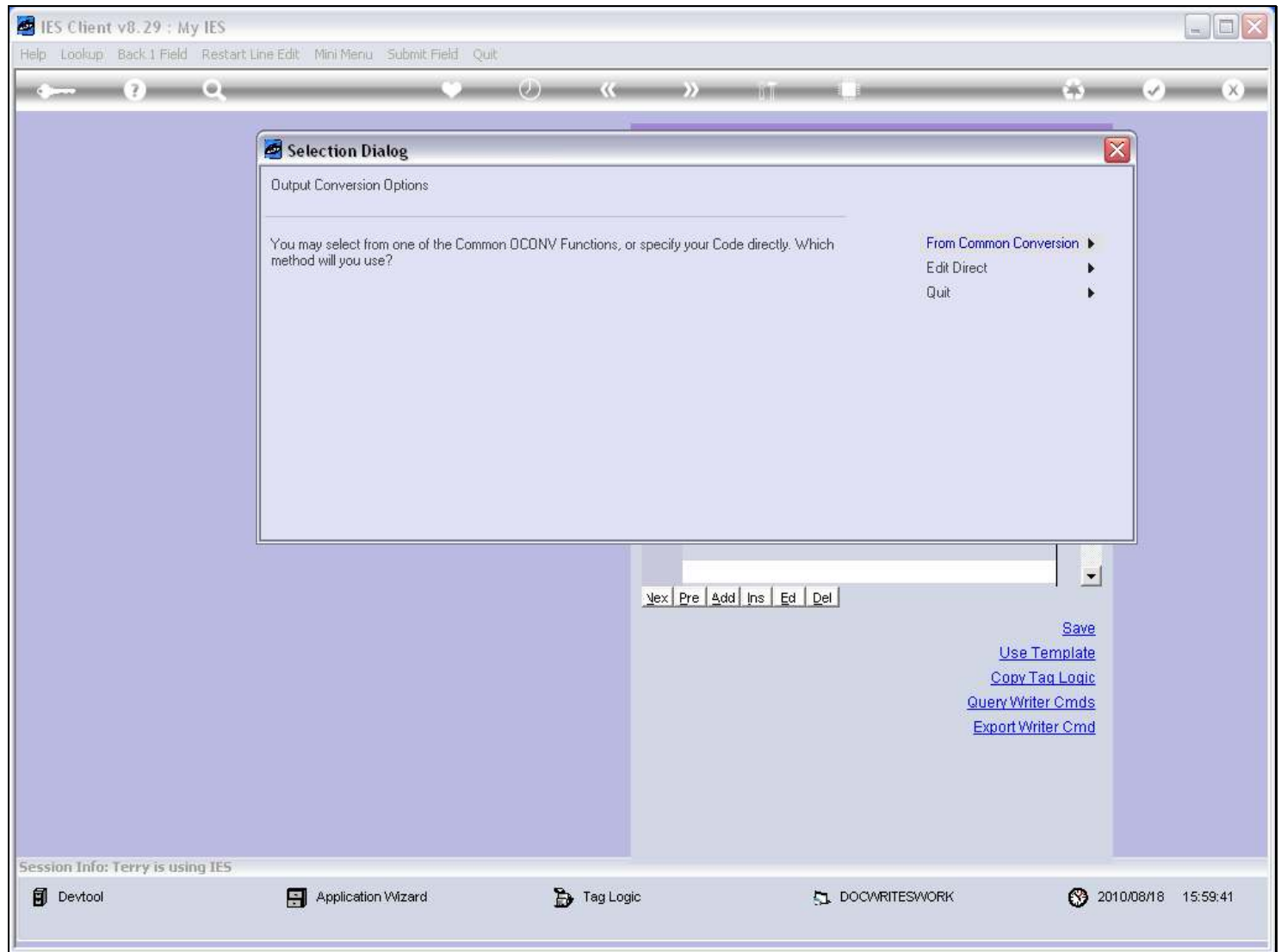
Slide 19 - Slide 19**Slide notes**

The Input Data that we will use in this operation is also at the Current Tag Main Value at the moment, because that's where we put it when we retrieved the Date from the System Common.

Slide 20 - Slide 20

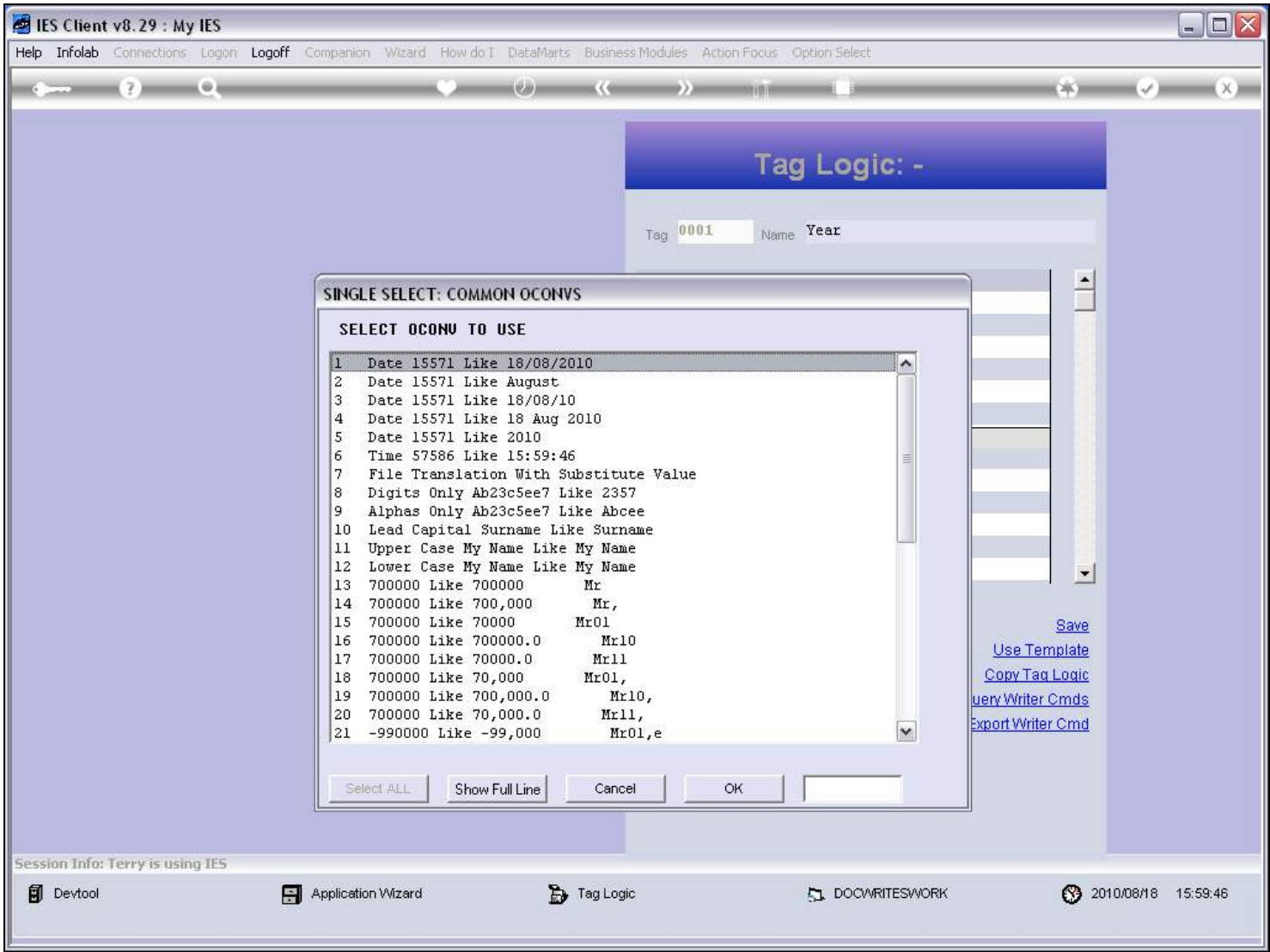


Slide notes

Slide 21 - Slide 21**Slide notes**

And it's a common conversion type that we want to perform.

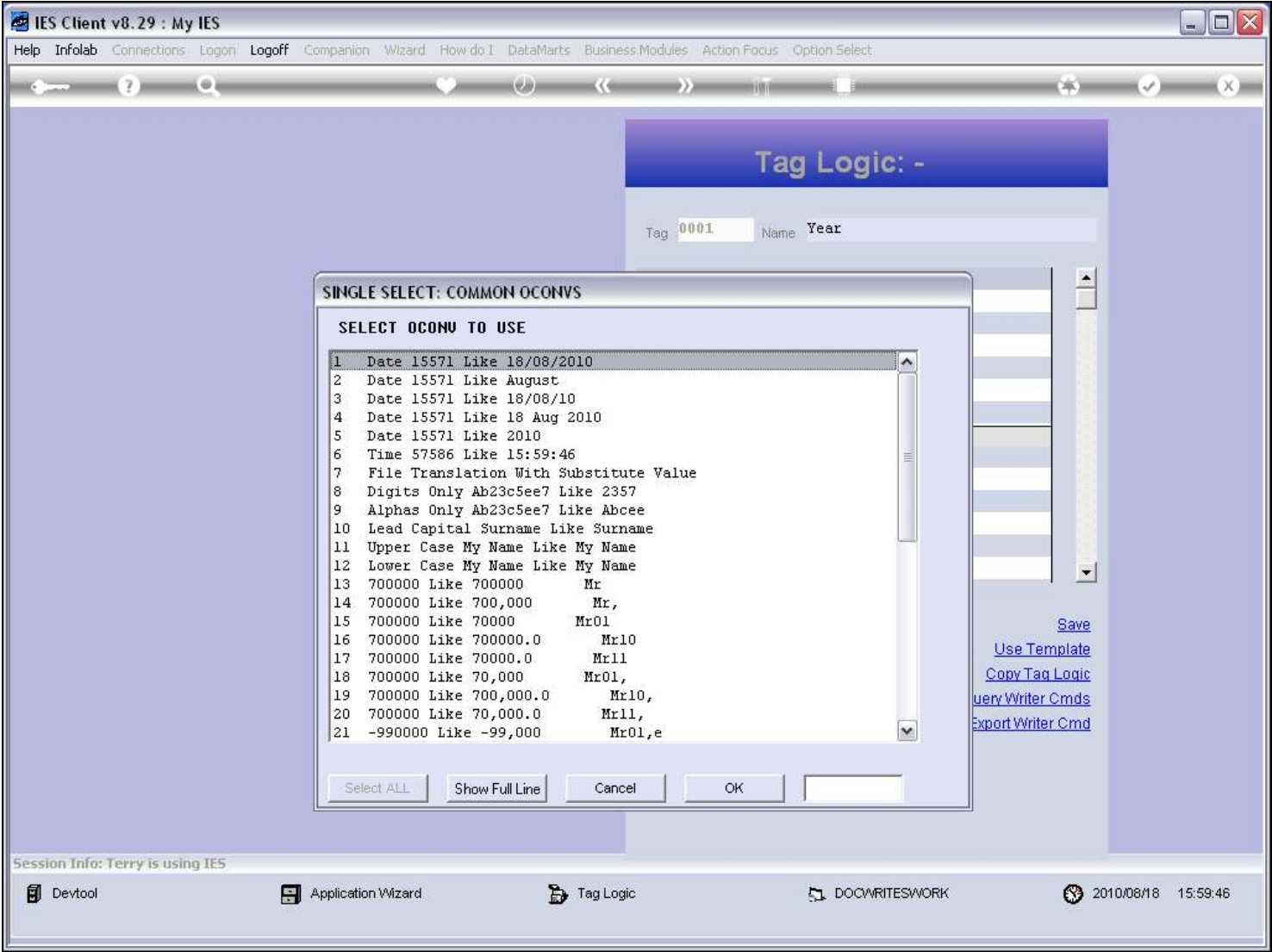
Slide 22 - Slide 22



Slide notes

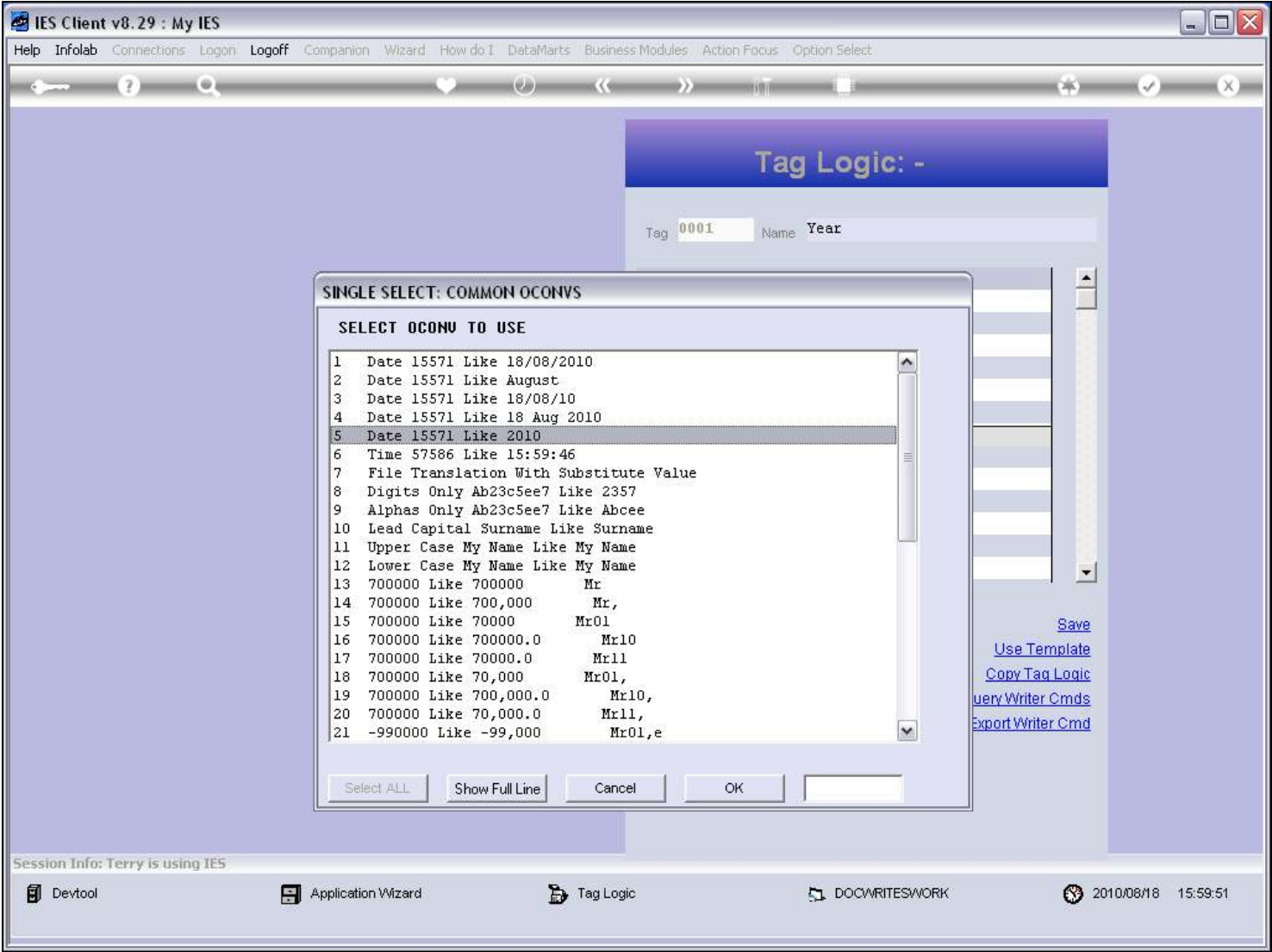
We are interested in the option that turns the Date into a Year.

Slide 23 - Slide 23

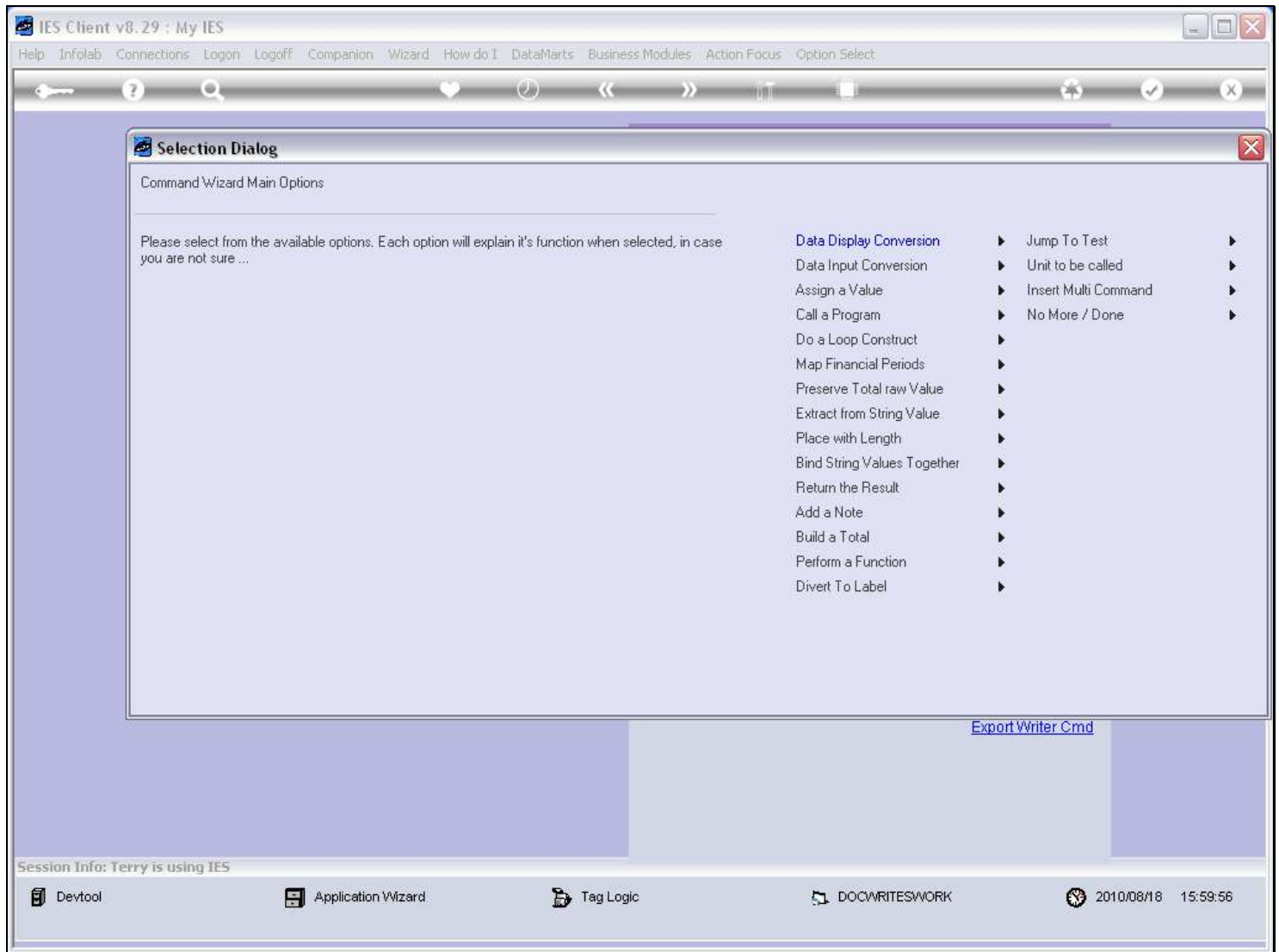


Slide notes

Slide 24 - Slide 24

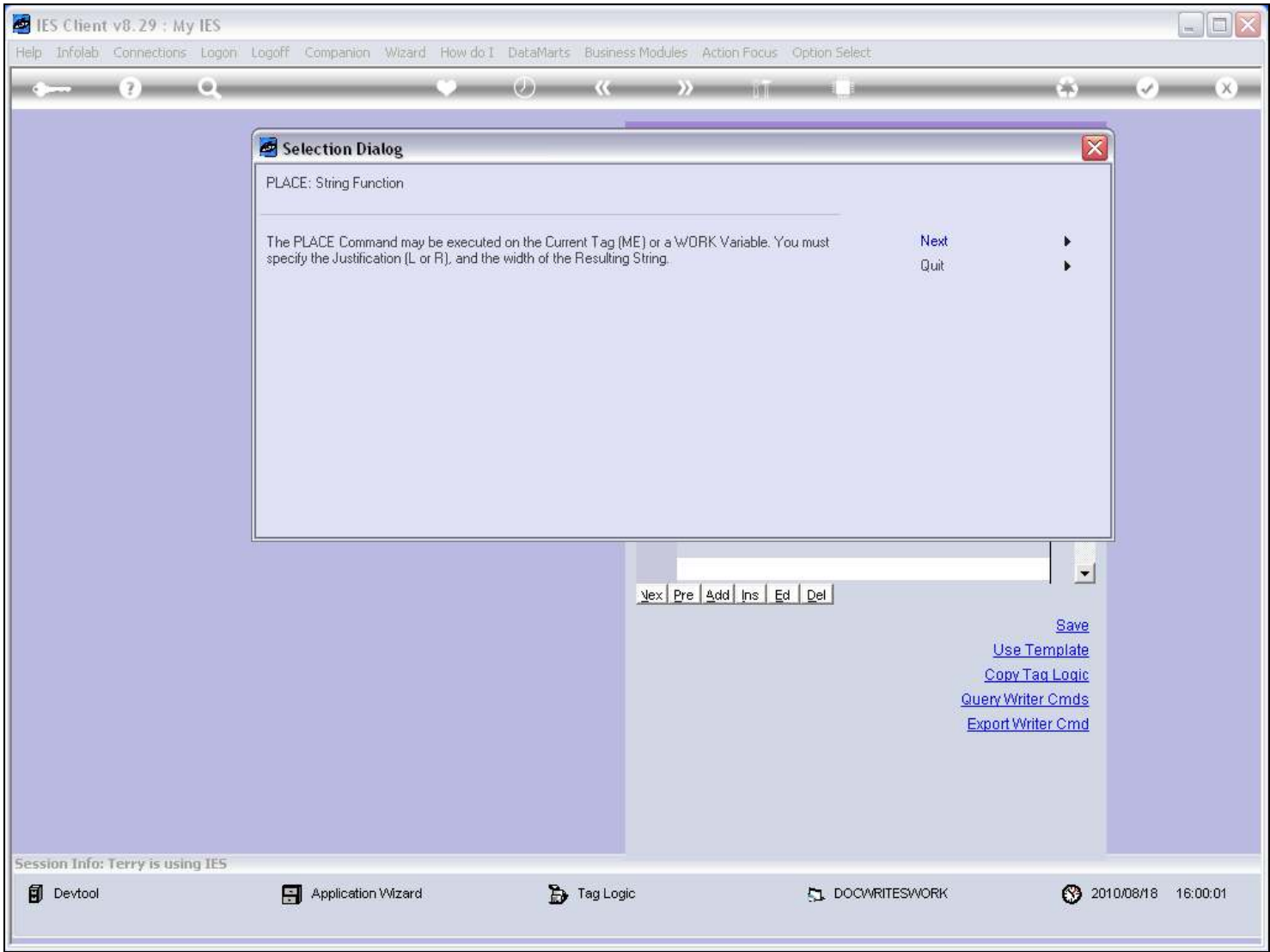


Slide notes

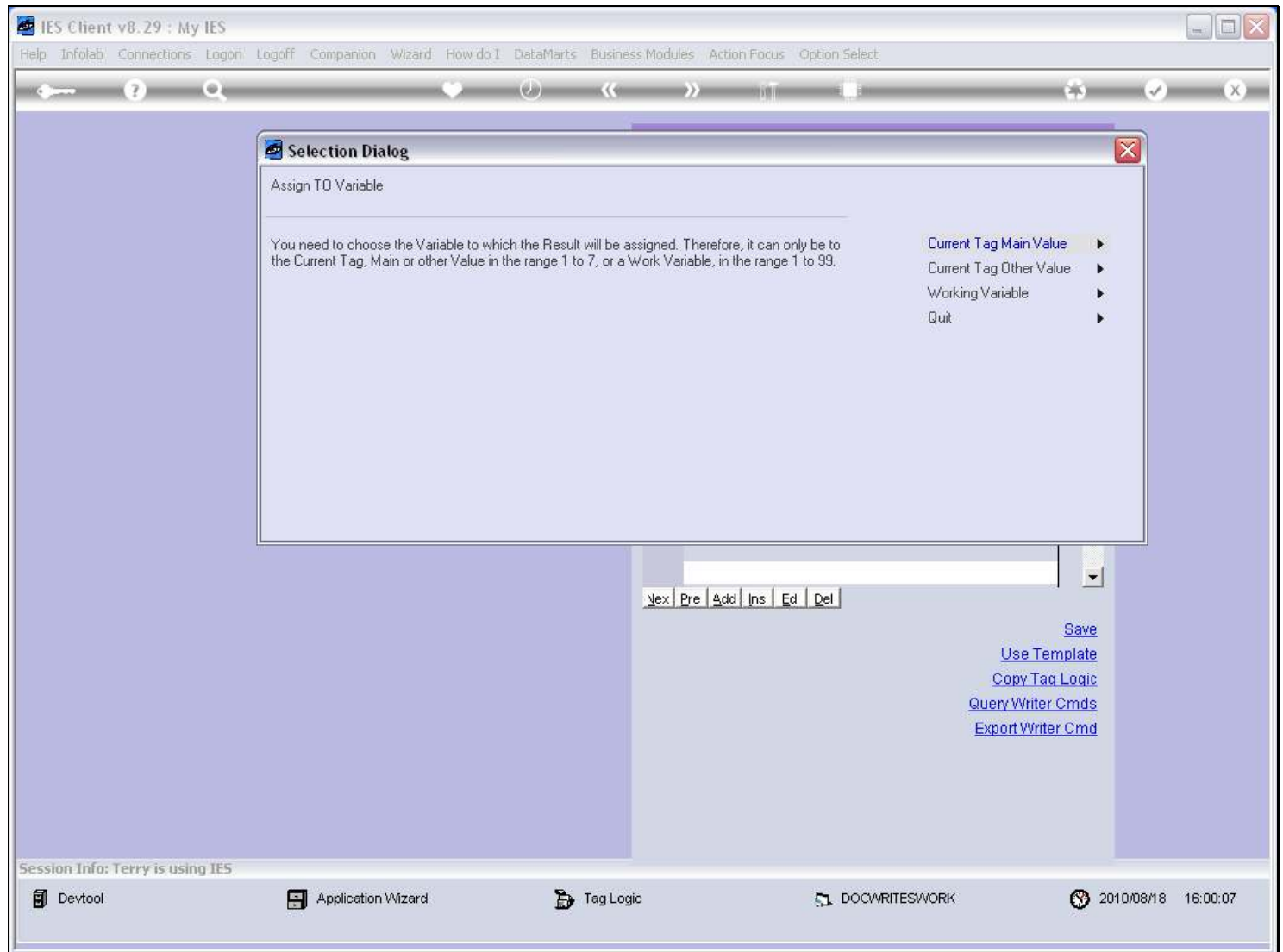
Slide 25 - Slide 25**Slide notes**

Next, we need to place the answer on a field that is 10 characters wide, and align it to the right. For this, we use the PLACE command.

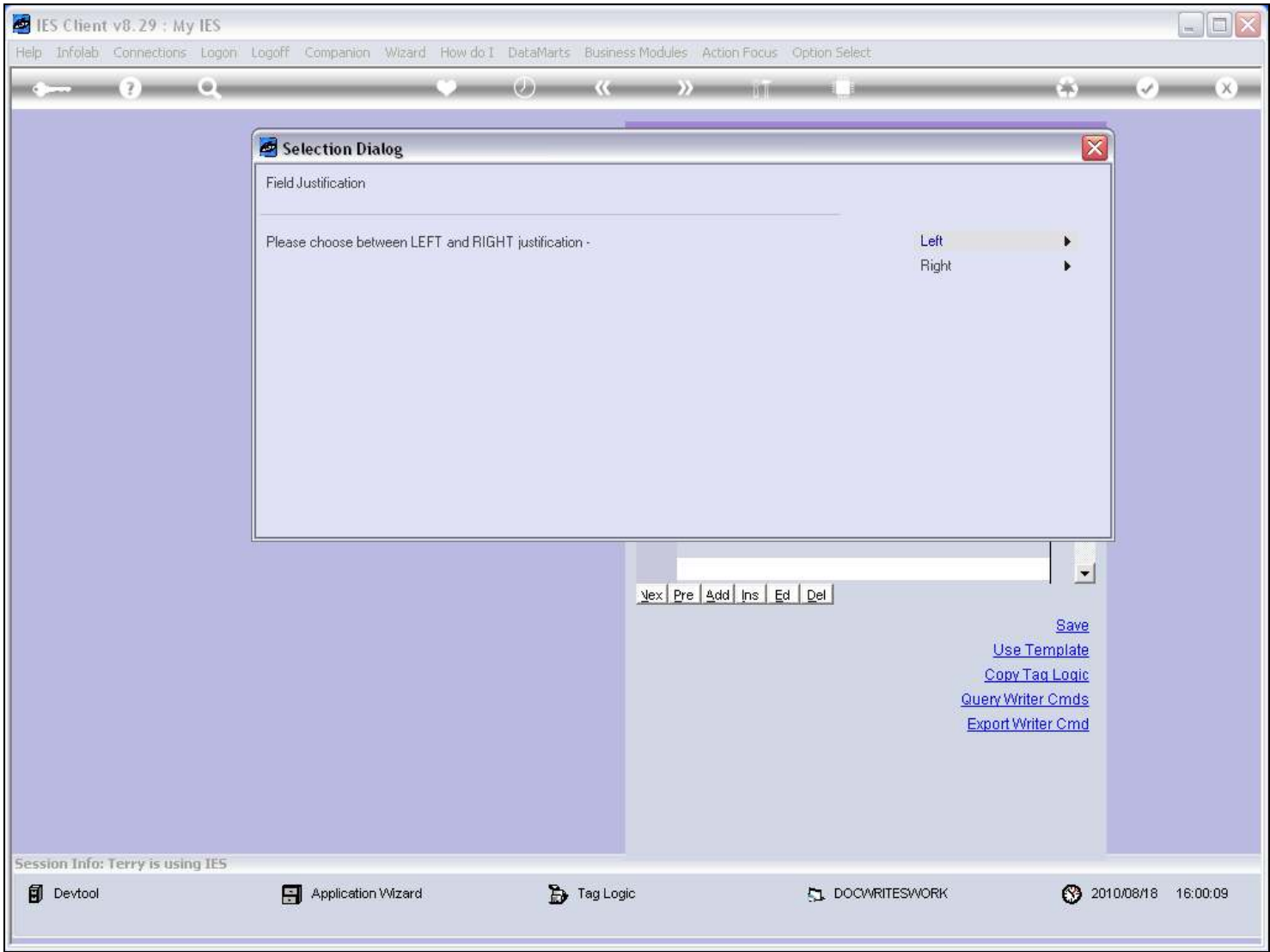
Slide 26 - Slide 26



Slide notes

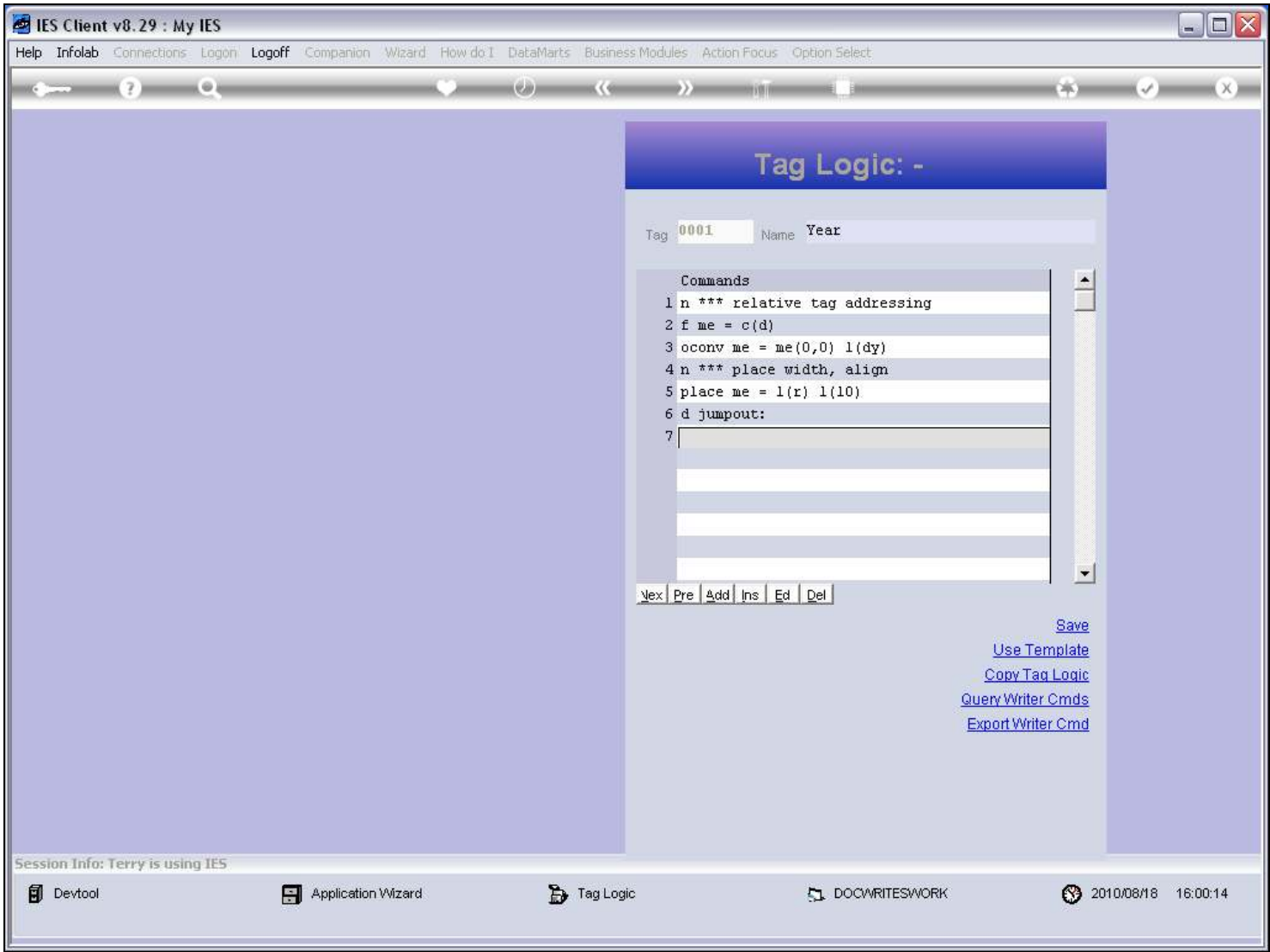
Slide 27 - Slide 27**Slide notes**

Slide 28 - Slide 28

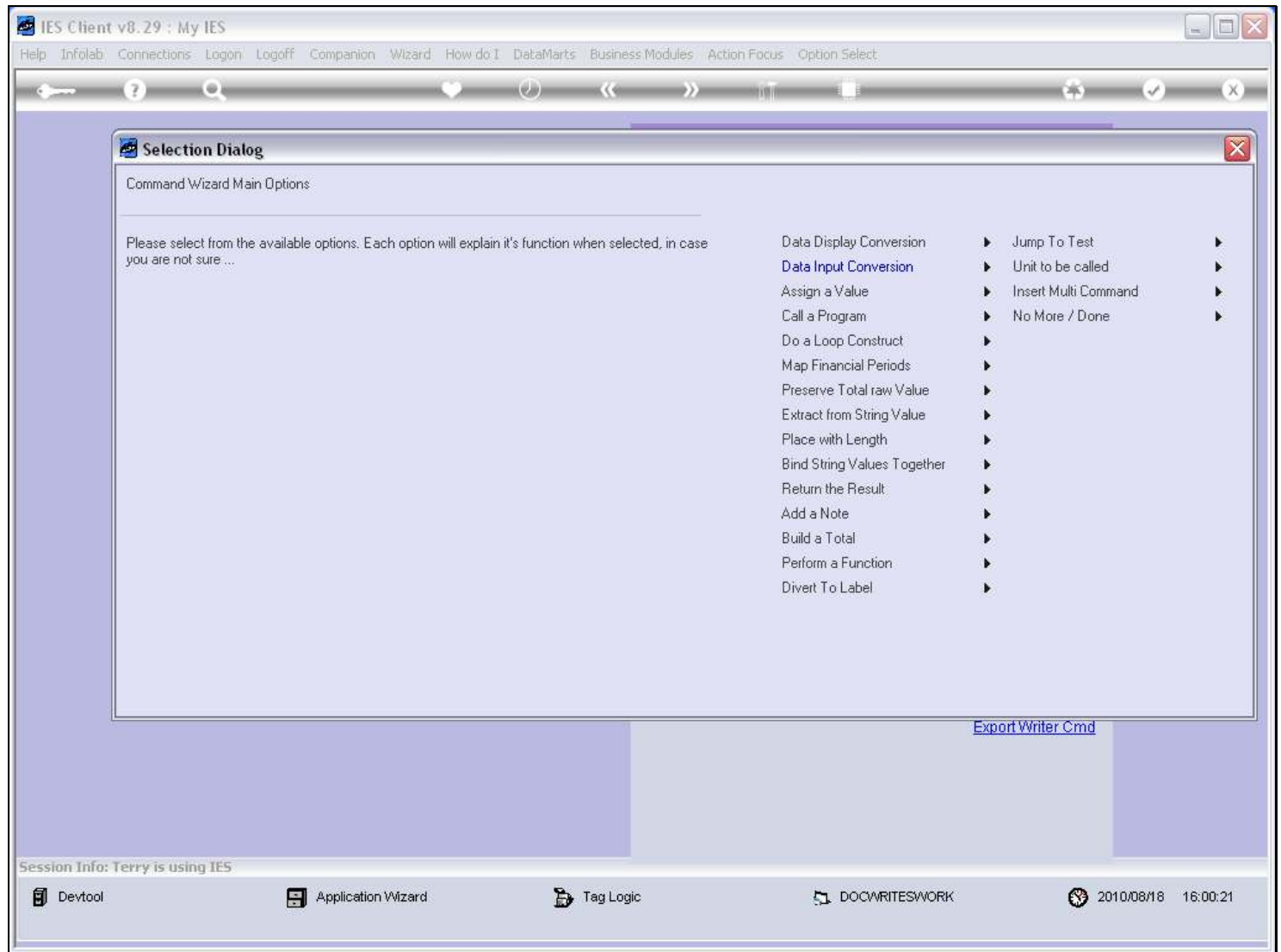


Slide notes

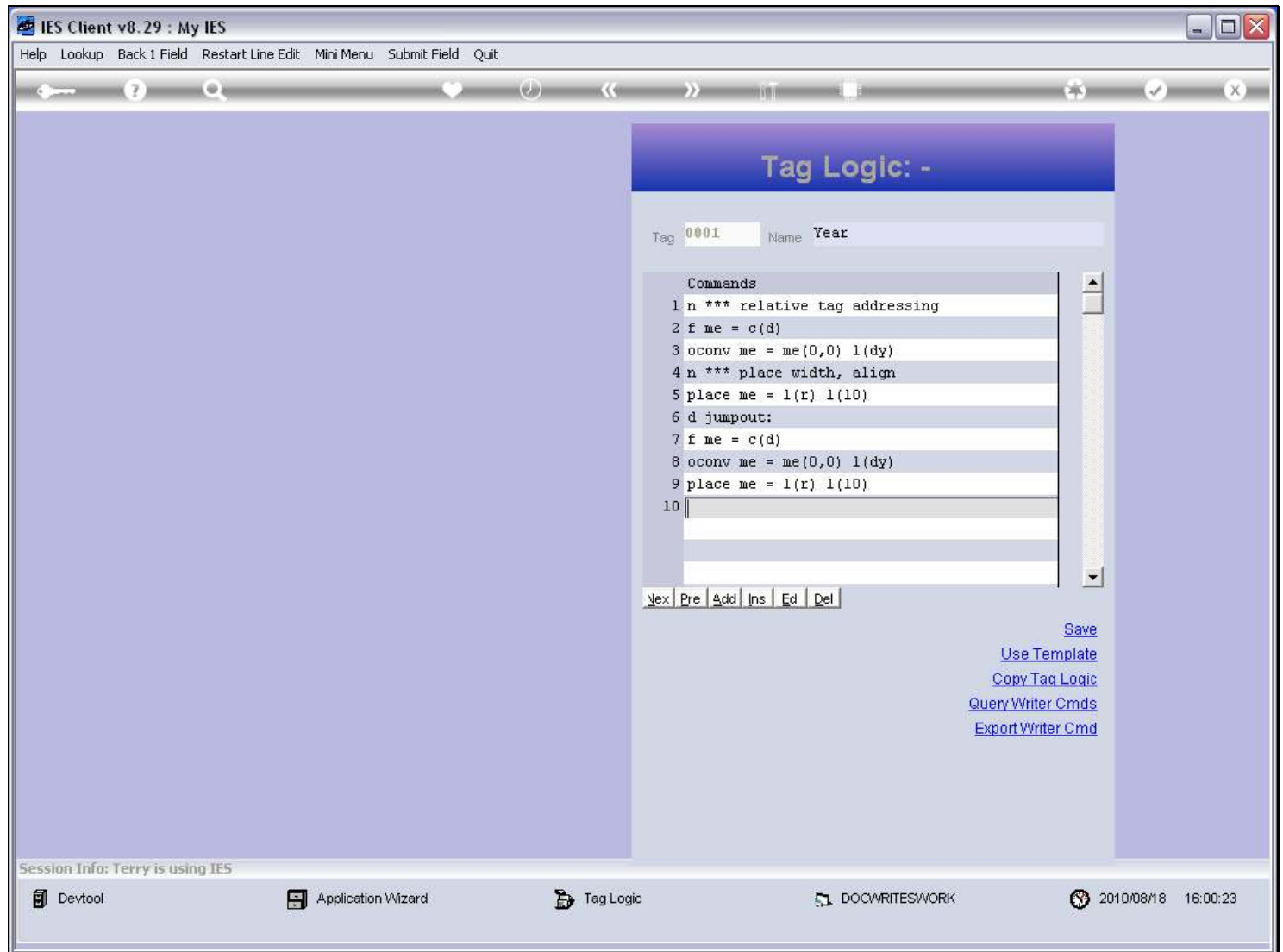
Slide 29 - Slide 29

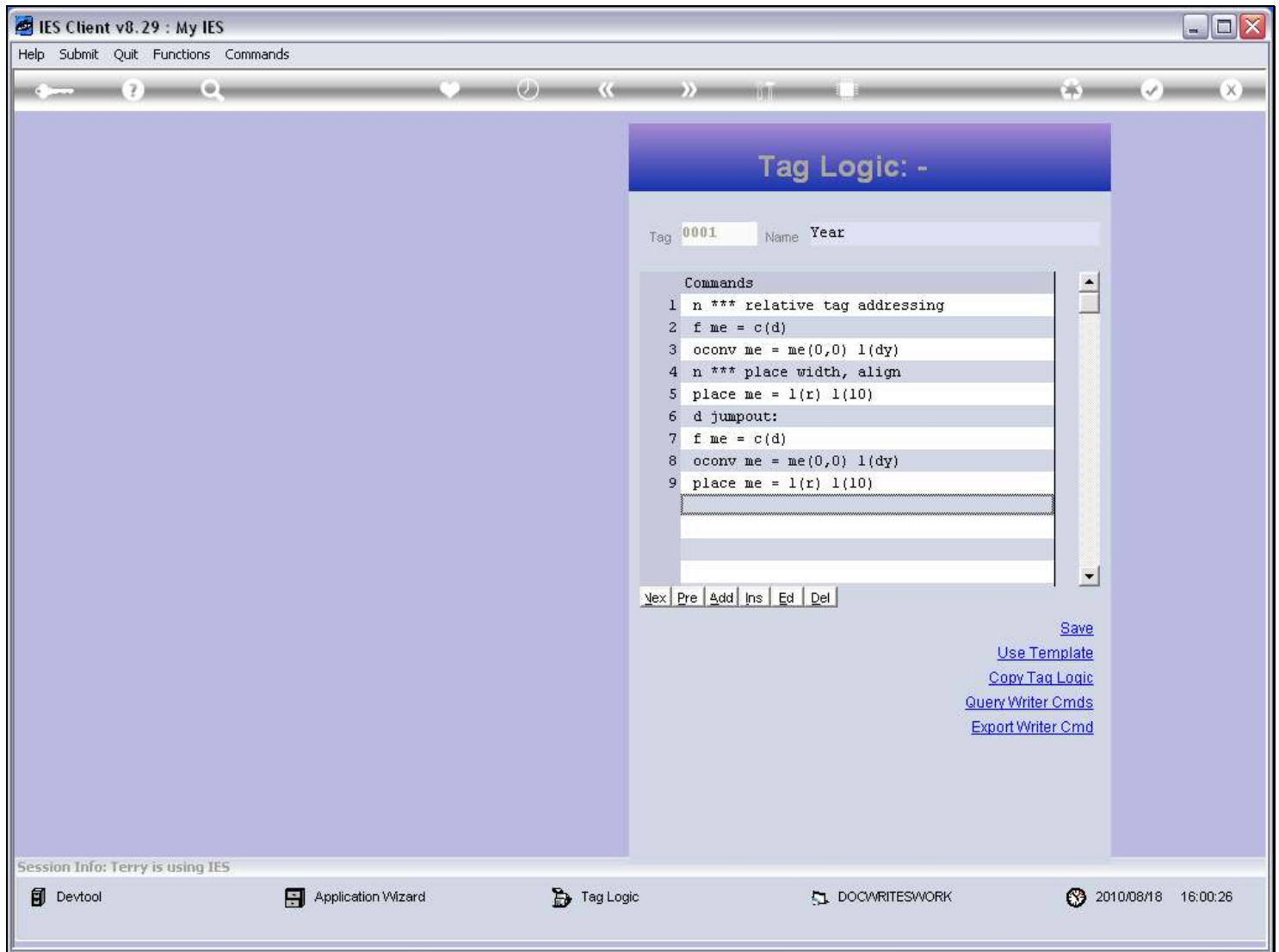


Slide notes

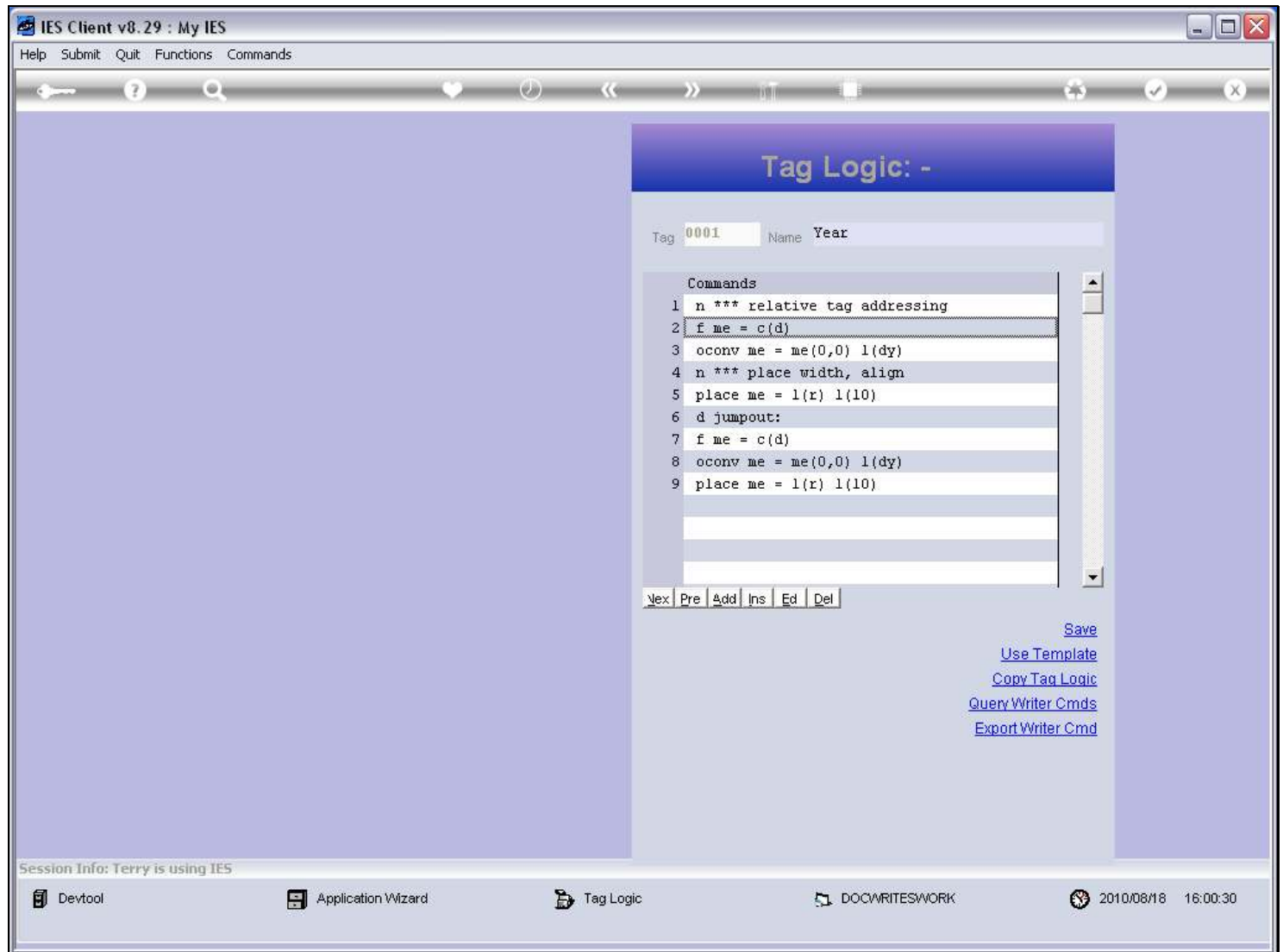
Slide 30 - Slide 30**Slide notes**

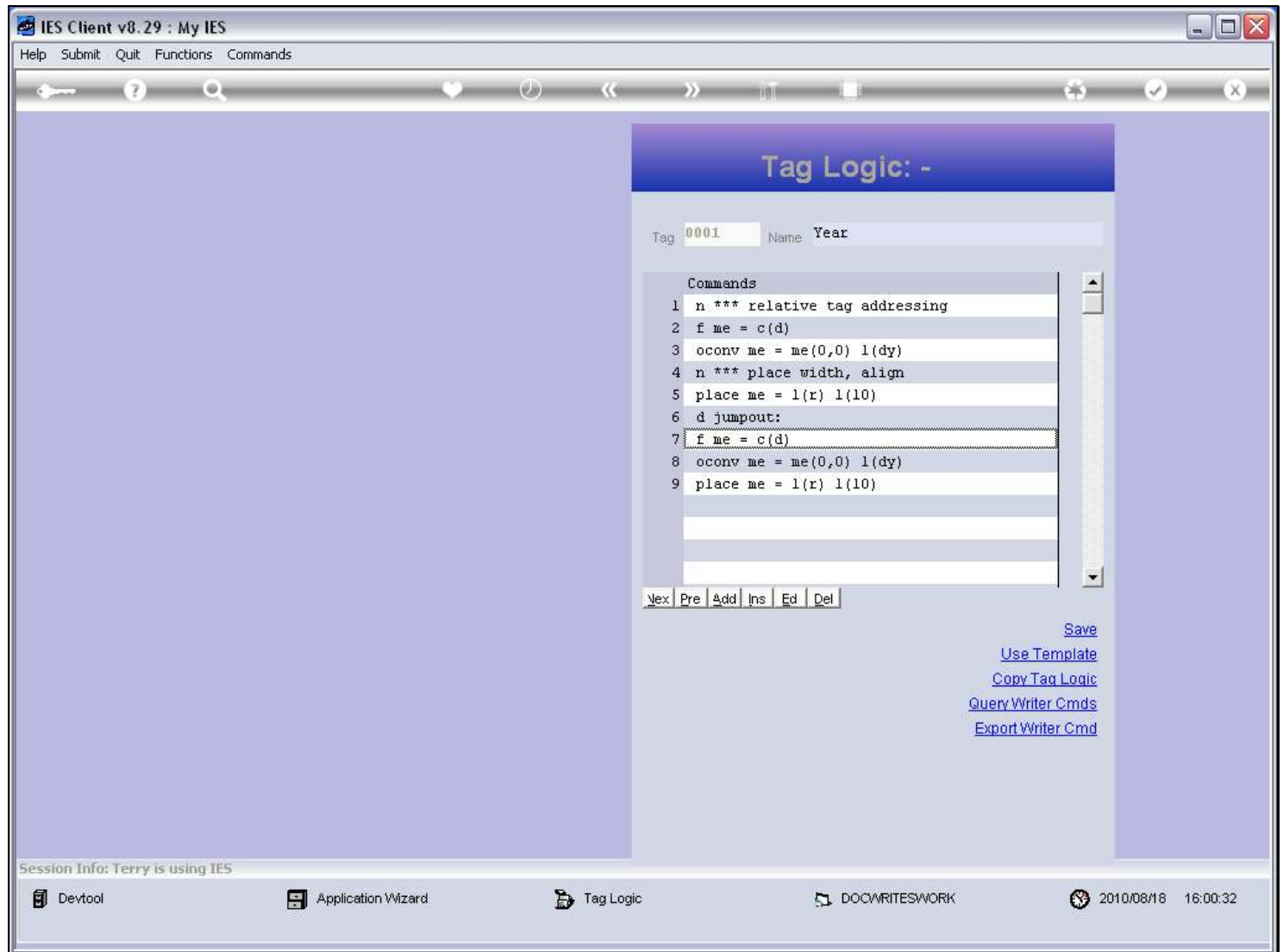
And now our logic should be complete. Let's exit the wizard and have a look.

Slide 31 - Slide 31**Slide notes**

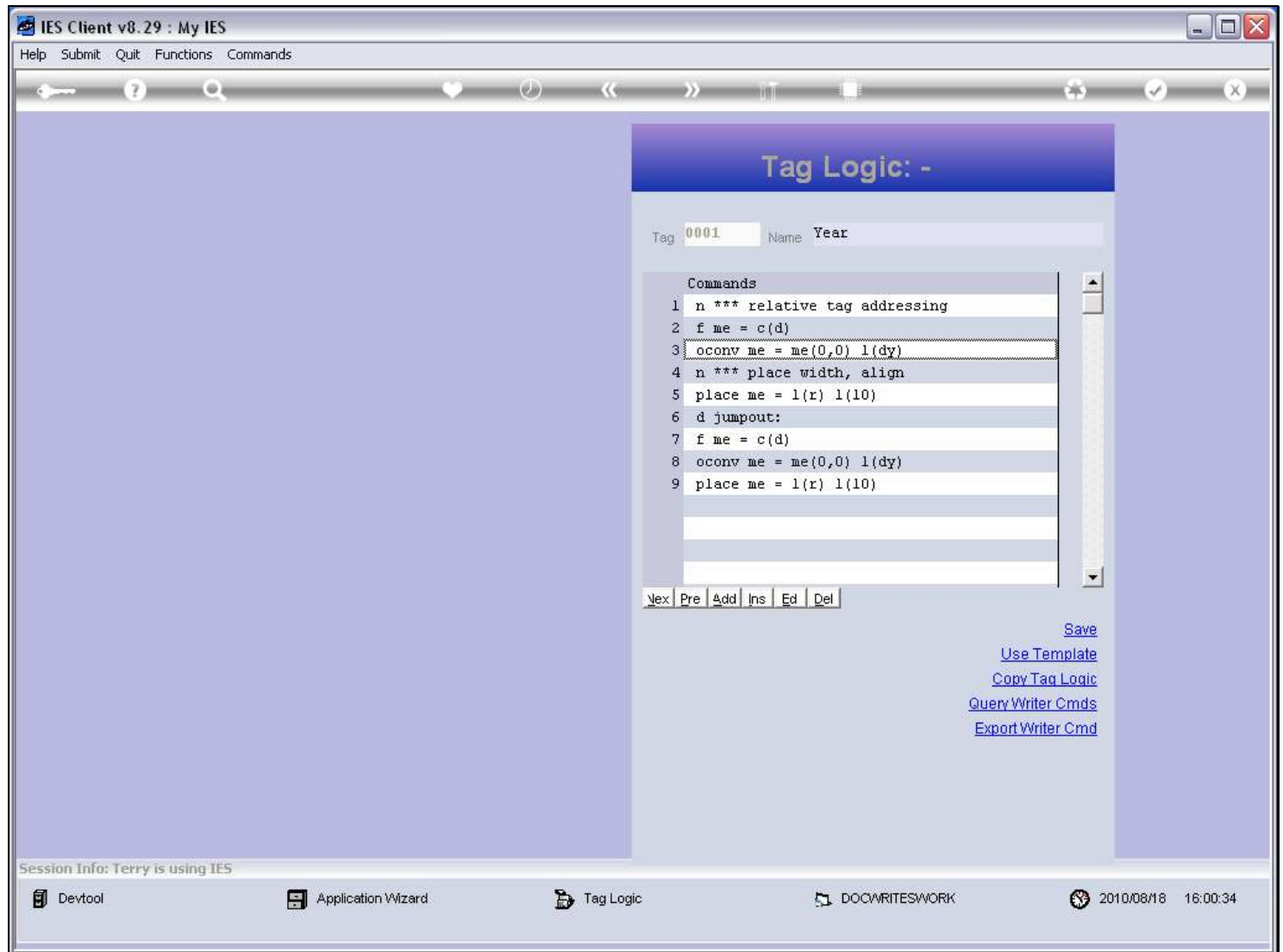
Slide 32 - Slide 32**Slide notes**

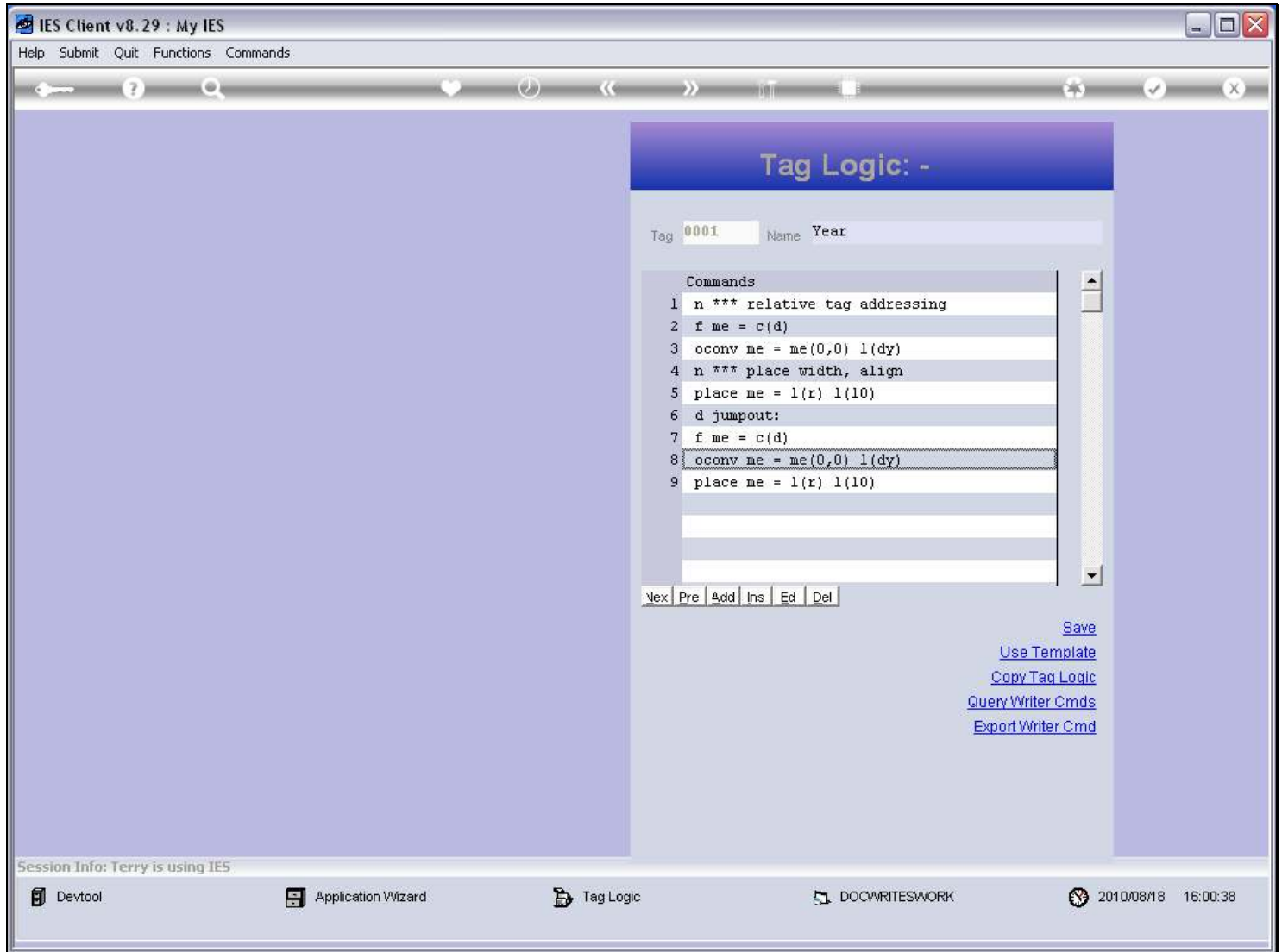
The old logic on line 1 is a comment, and we did not reproduce that. The 2nd line is reproduced in our new logic at line 7.

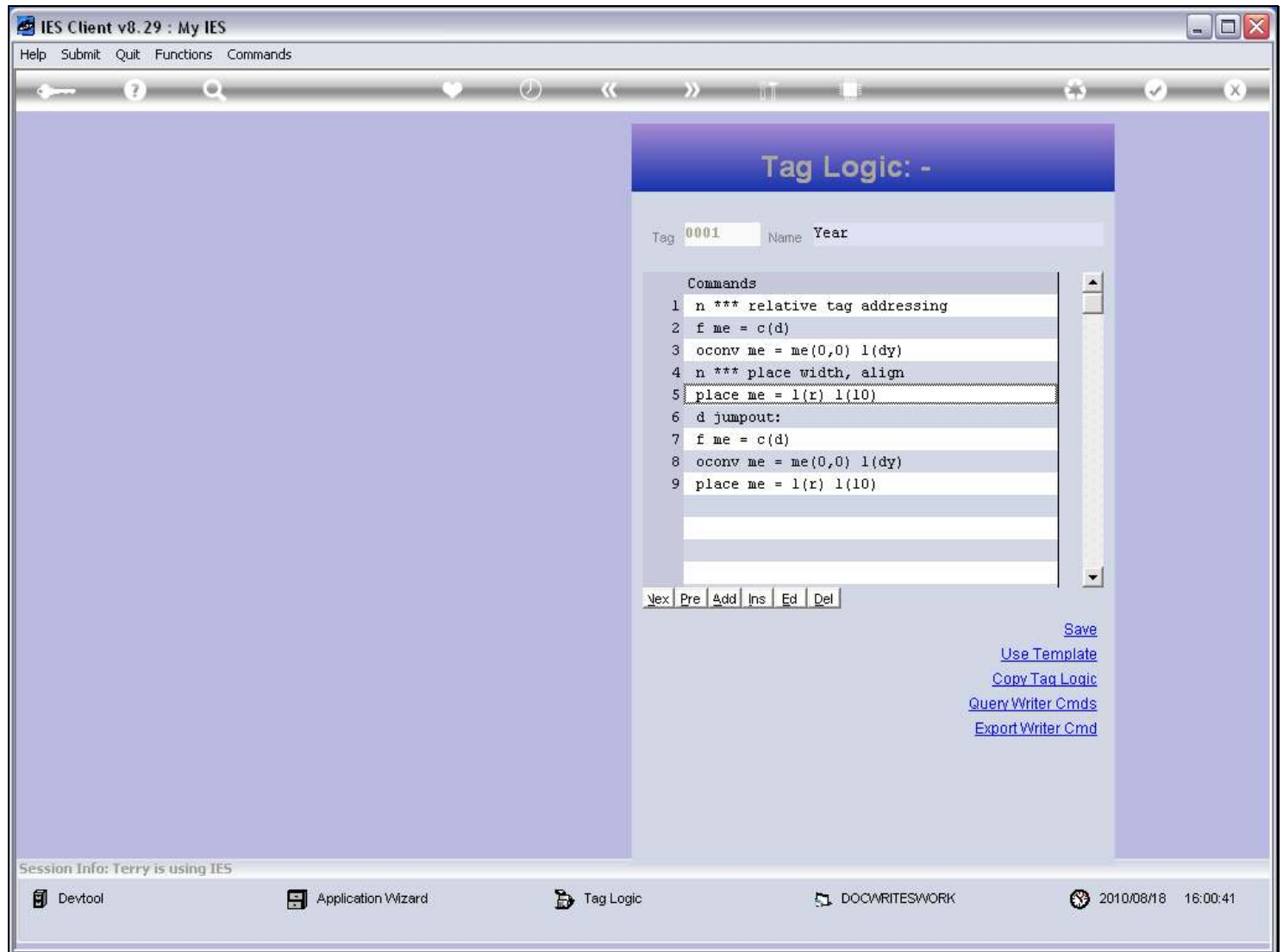
Slide 33 - Slide 33**Slide notes**

Slide 34 - Slide 34**Slide notes**

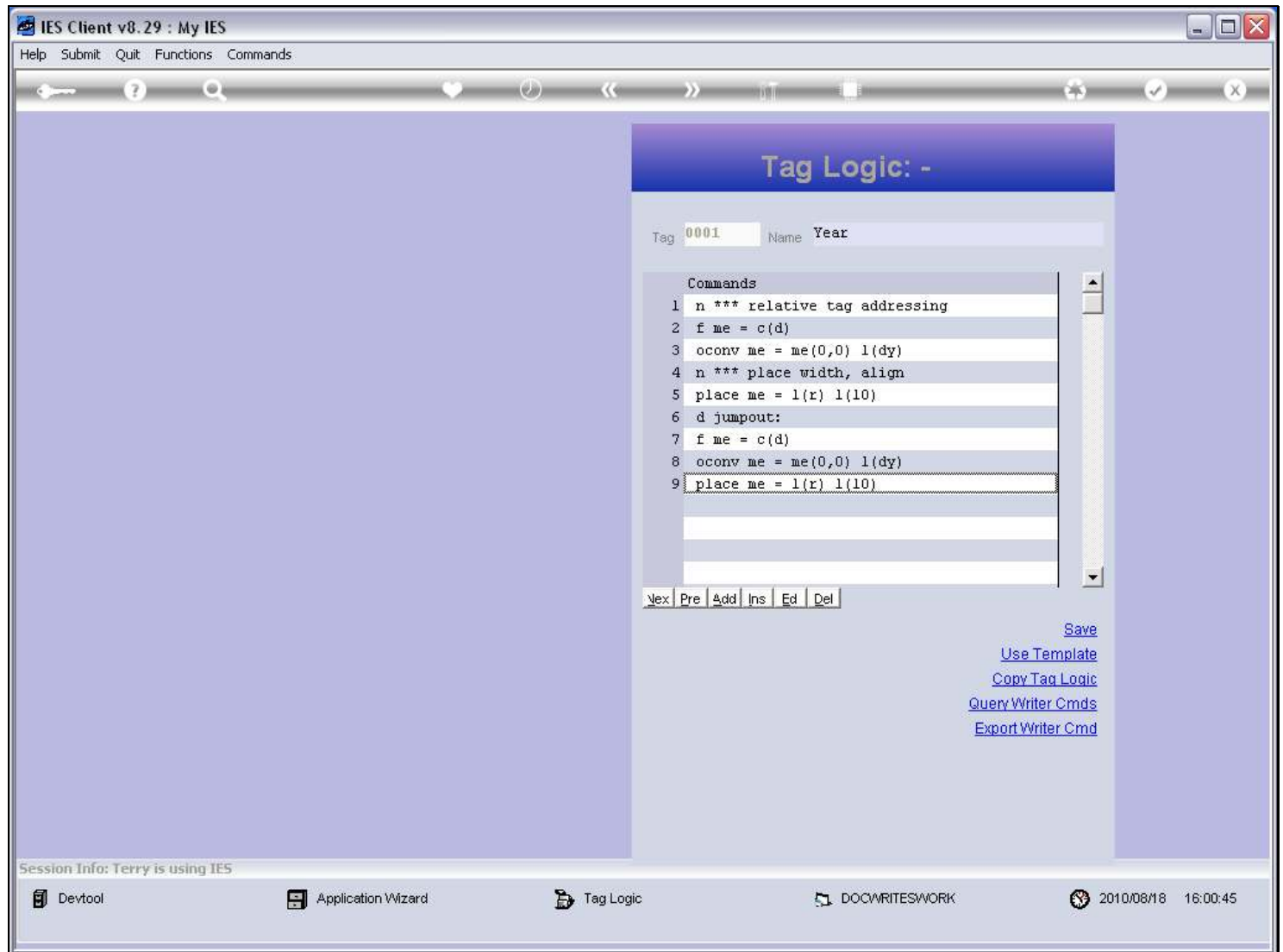
Line 3 is reproduced at line 8.

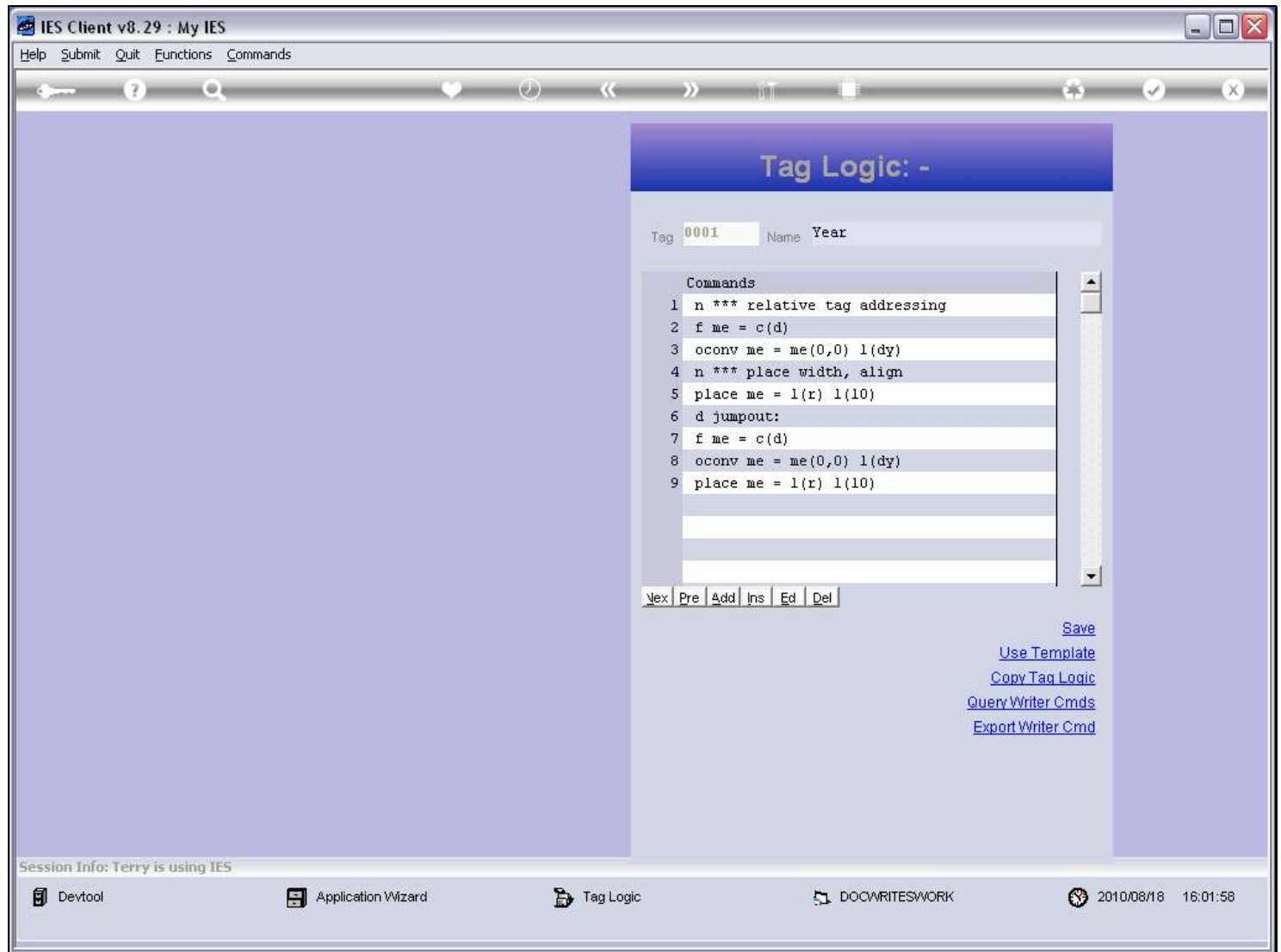
Slide 35 - Slide 35**Slide notes**

Slide 36 - Slide 36**Slide notes**

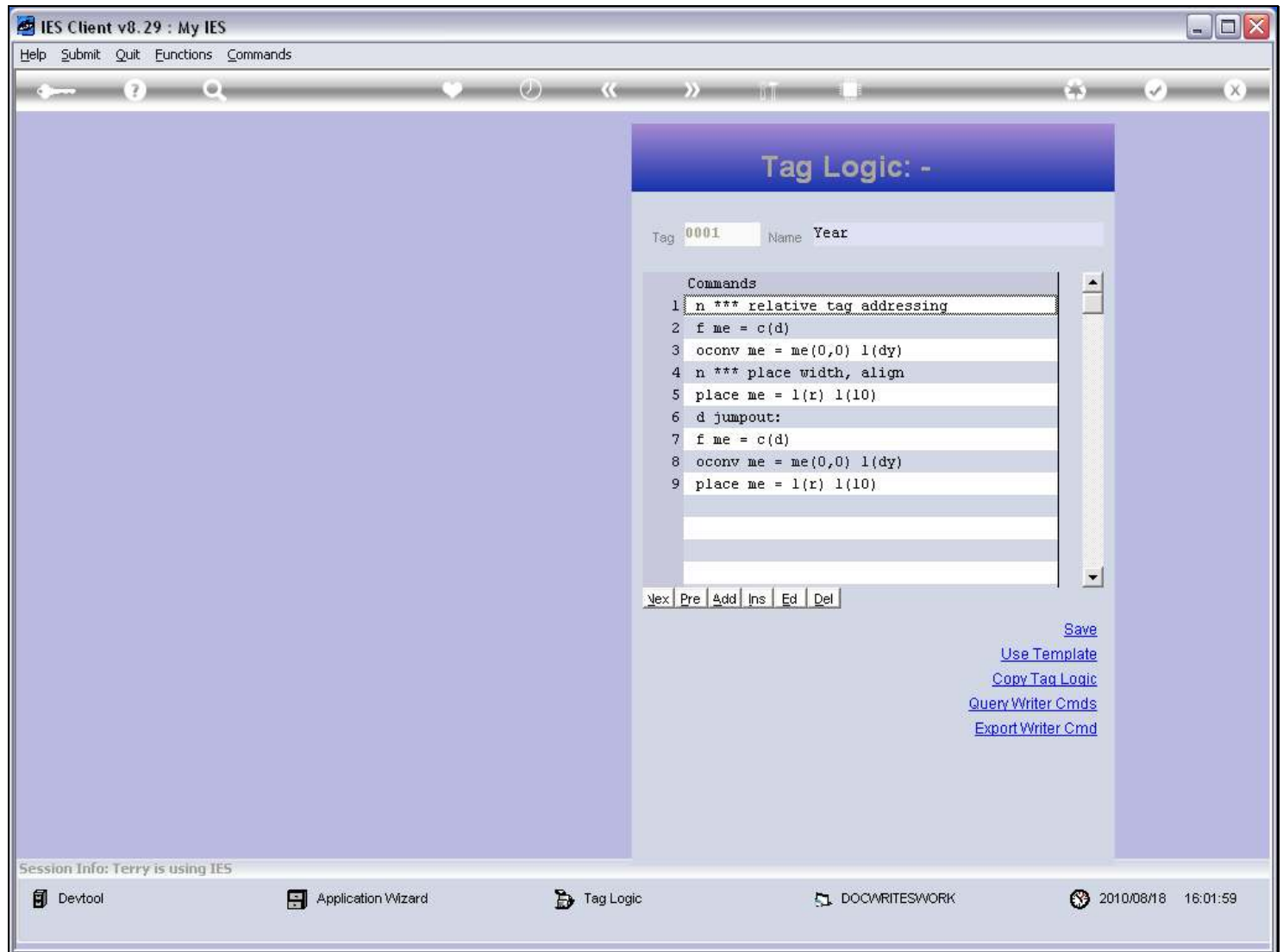
Slide 37 - Slide 37**Slide notes**

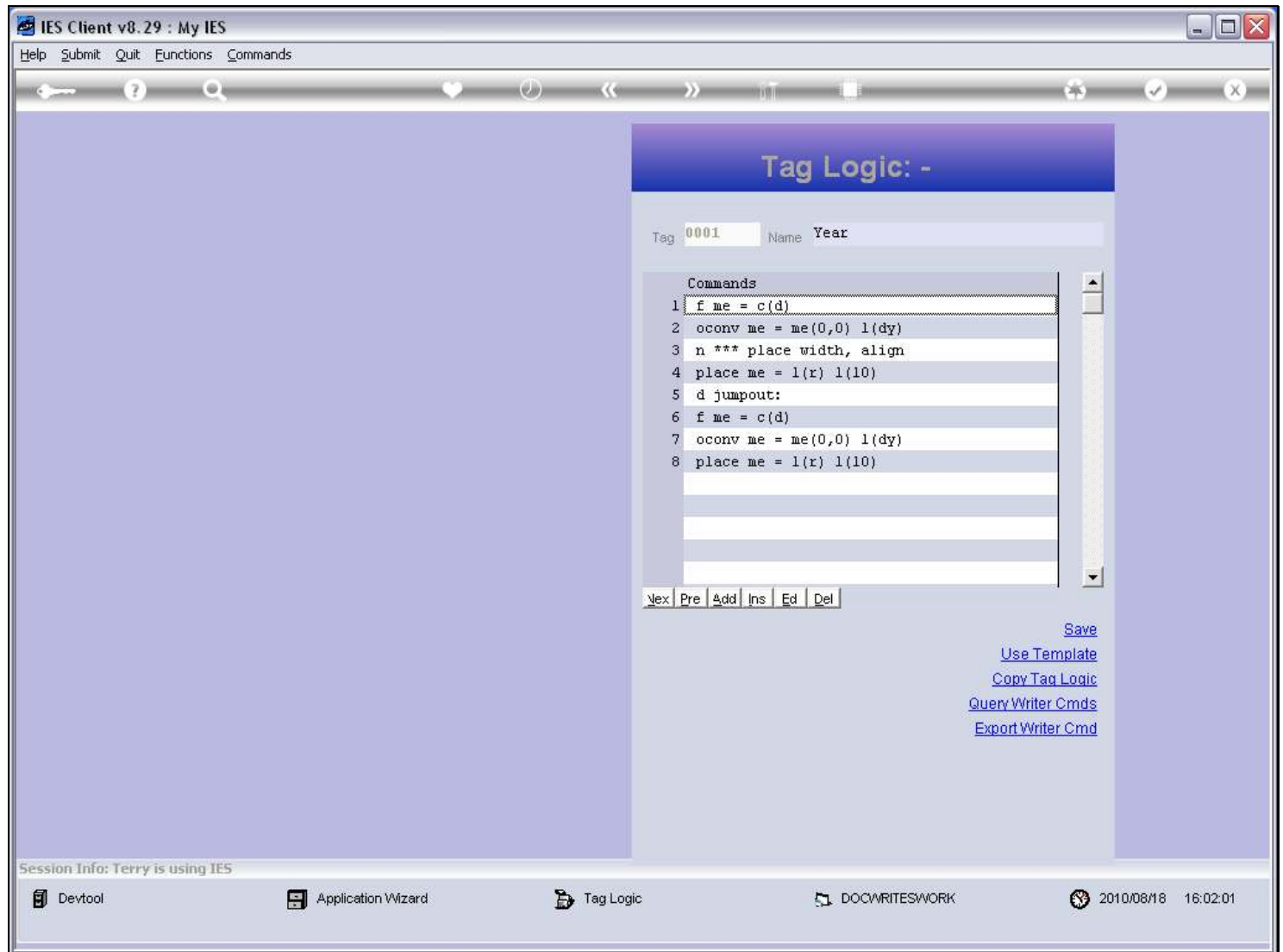
Line 4 is a comment and not reproduced, while line 5 is reproduced at line 9.

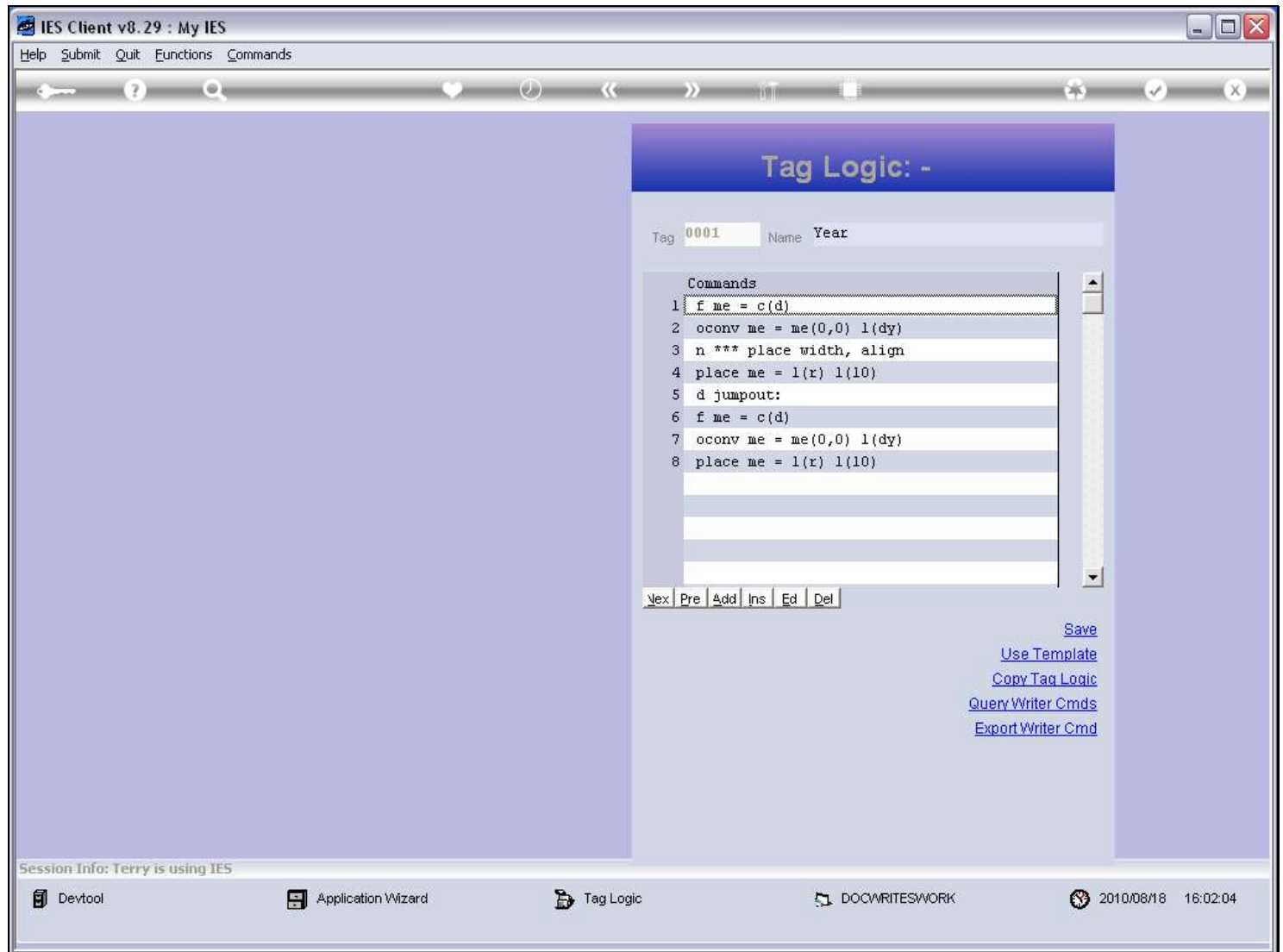
Slide 38 - Slide 38**Slide notes**

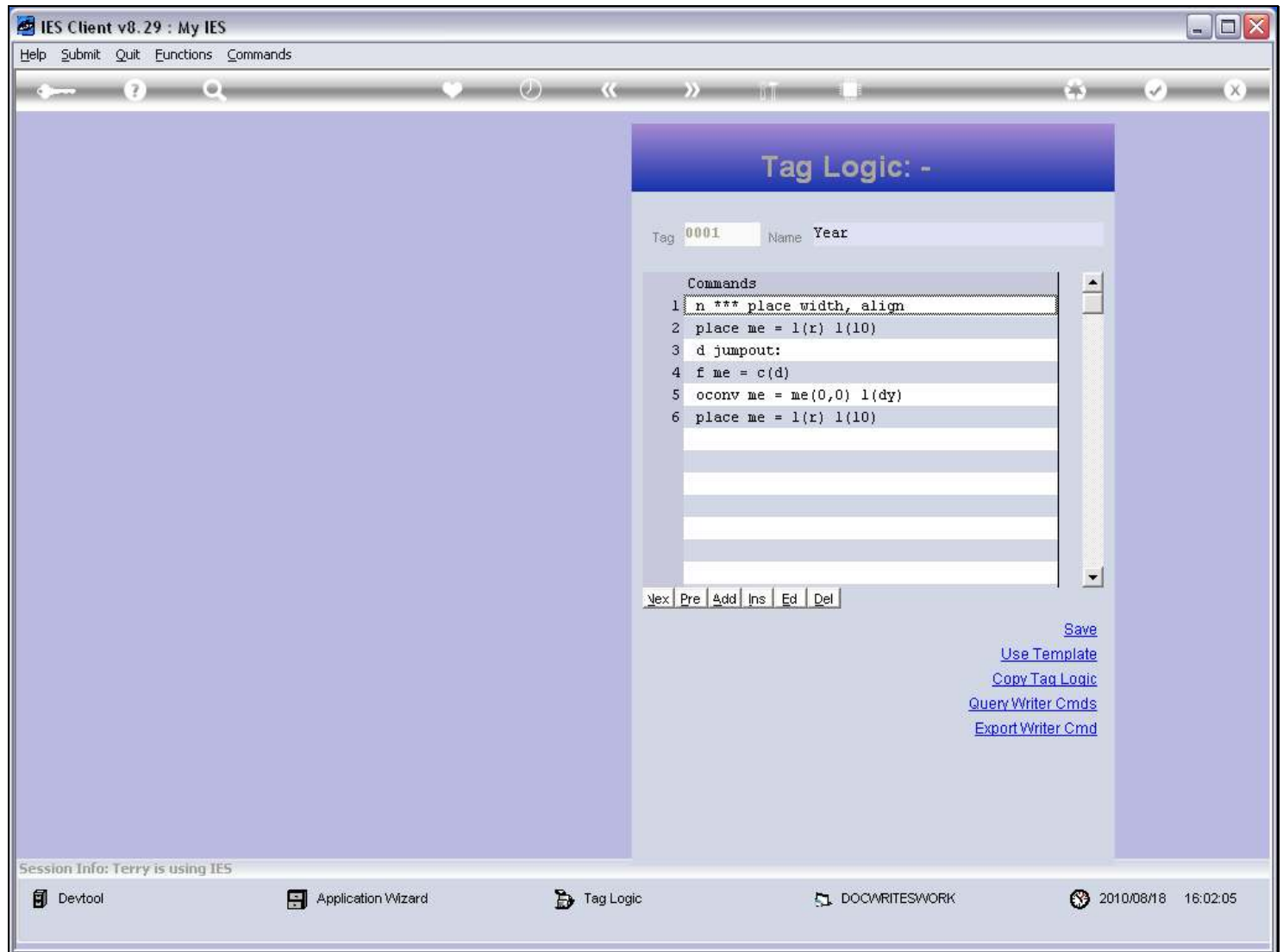
Slide 39 - Slide 39**Slide notes**

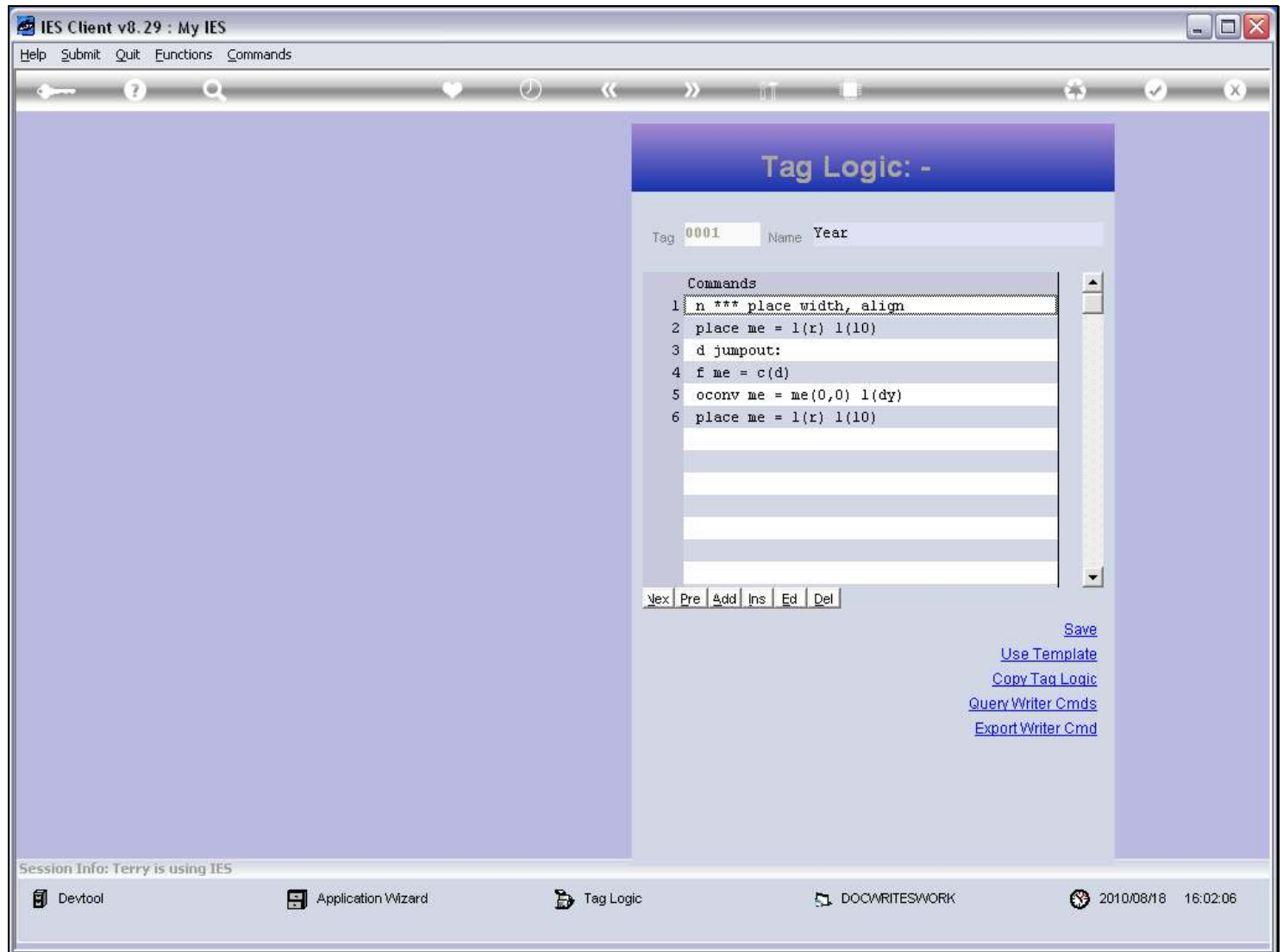
The old line number 6 is a jumpout option that was not really used in the logic and not required in our new logic. So we have successfully reproduced the same logic as from the Template, but this time by using the Macro wizard. We can now delete the old logic lines which we have retained only for comparative purposes in this example.

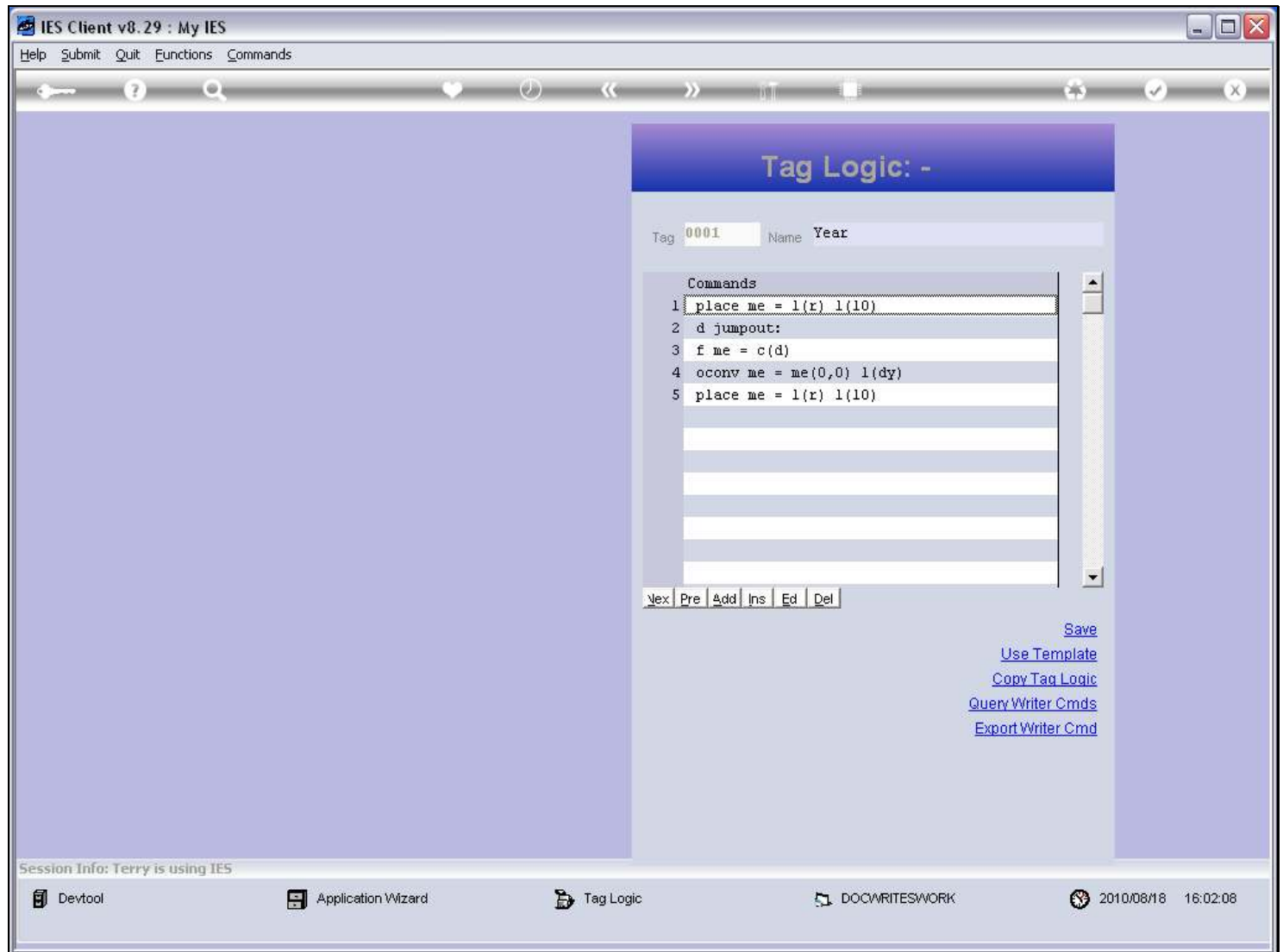
Slide 40 - Slide 40**Slide notes**

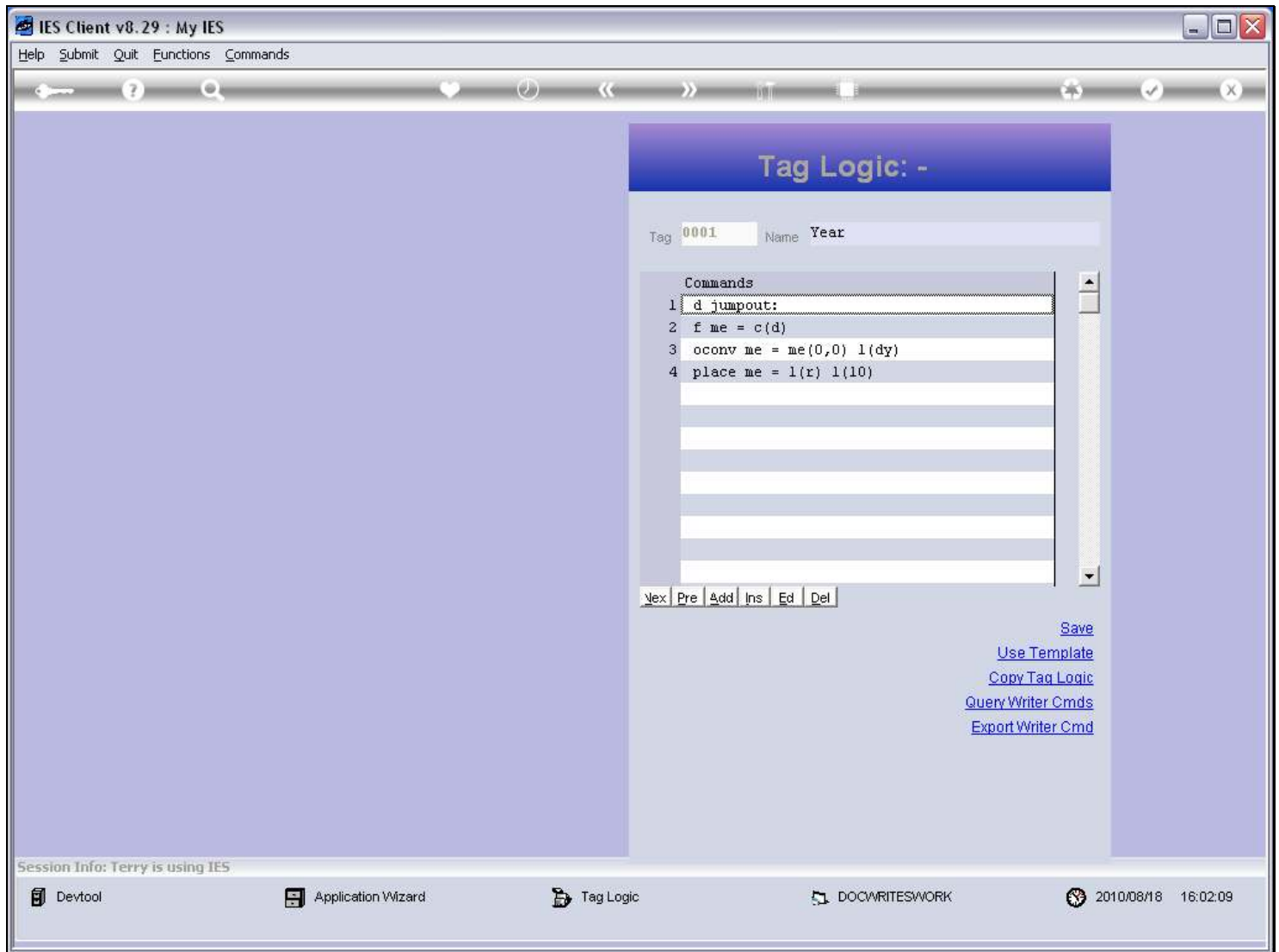
Slide 41 - Slide 41**Slide notes**

Slide 42 - Slide 42**Slide notes**

Slide 43 - Slide 43**Slide notes**

Slide 44 - Slide 44**Slide notes**

Slide 45 - Slide 45**Slide notes**

Slide 46 - Slide 46**Slide notes**

And that leaves us with proper logic that we have constructed with the wizard.

Slide 47 - Slide 47

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

1 Console 2 Pre Run 3 The Tags 4 Options

Tag Result Macros :-

>>> Tags	Value Names	Exec It
1 0001	Year	1
2 0002	Cash at Bank Per 1	2
3 0003	Cash at Bank Per 2	2
4 0004	Cash at Bank Per 3	2
5 0005	Cash at Bank Per 4	2
6 0006	Cash at Bank Per 5	2
7 0007	Cash at Bank Per 6	2
8 0008	Cash at Bank Per 7	2
9 0009	Cash at Bank Per 8	2
10 0010	Cash at Bank Per 9	2
11 0011	Cash at Bank Per 10	2
12 0012	Cash at Bank Per 11	2
13 0013	Cash at Bank Per 12	2
14 0014	Net Income Per 1	1
15 0015	Net Income Per 2	1
16 0016	Net Income Per 3	1
17 0017	Net Income Per 4	1
18 0018	Net Income Per 5	1
19 0019	Net Income Per 6	1
20 0020	Net Income Per 7	1
21 0021	Net Income Per 8	1
22 0022	Net Income Per 9	1
23 0023	Net Income Per 10	1
24 0024	Net Income Per 11	1
25 0025	Net Income Per 12	1

Where is that tag !

[Select from Tag List](#)

[Search for Tag Number](#)

[Search for Tag Name](#)

Current Tag Focus: -

Row: 1

Tag #: 0001

Name: Year

[Open the Tag Macro](#)

Nex Pre Add Ins Ed Del

Slide notes

Again, we note that the vast majority of Users will never use the wizard, because the Templates are quite comprehensive and adequate for most Tag needs, and they generate the necessary logic automatically. The wizard is only intended for those fundis who will choose to delve deeply into DocWriter Tag Logic.

Slide 48 - Slide 48

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

1 Console

2 Pre Run

3 The Tags

4 Options

Tag Result Macros: -

>>>	Tags	Value Names	Exec It
1	0001	Year	1
2	0002	Cash at Bank Per 1	2
3	0003	Cash at Bank Per 2	2
4	0004	Cash at Bank Per 3	2
5	0005	Cash at Bank Per 4	2
6	0006	Cash at Bank Per 5	2
7	0007	Cash at Bank Per 6	2
8	0008	Cash at Bank Per 7	2
9	0009	Cash at Bank Per 8	2
10	0010	Cash at Bank Per 9	2
11	0011	Cash at Bank Per 10	2
12	0012	Cash at Bank Per 11	2
13	0013	Cash at Bank Per 12	2
14	0014	Net Income Per 1	1
15	0015	Net Income Per 2	1
16	0016	Net Income Per 3	1
17	0017	Net Income Per 4	1
18	0018	Net Income Per 5	1
19	0019	Net Income Per 6	1
20	0020	Net Income Per 7	1
21	0021	Net Income Per 8	1
22	0022	Net Income Per 9	1
23	0023	Net Income Per 10	1
24	0024	Net Income Per 11	1
25	0025	Net Income Per 12	1

Nex

Pre

Add

Ins

Ed

Del

Where is that tag !

Select from Tag List

Search for Tag Number

Search for Tag Name

Current Tag Focus: -

Row

1

Tag #

0001

Name

Year

Open the Tag Macro

Slide notes