Slide 1 - Slide 1

elp Submit Quit Functions					
	વ 🔍 ૯) « »		* 🗸	×
	TEMPI AT	DEEL Date			
	TEMPLAT	E 055: Date			
	TAG # 0001				
	Name Year				
			Display Mask dy Alignment r: right justified	•	
			Result Width 10		
	Remove Template	Copy Template			
	Tomore Tompare	CODY TOTAL			
	Reveal Logic	Save	Tag Result ALWAYS RETURN A RESUL	LT 🔹	
			Operator = Conditional Value	•	
			SOUTHING OF CONSIST		
ession Info: Terry is using	IES				
Devtool	Application Wizard	🍃 Tag Template: Date	5 BGFRIEND-TAG-TEMPLATE55	2010/08/18 15:	-58-24

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

IES Client v8.29 : My IES				-	
Help Submit Quit Functions C) « »	an L	* •	×
	TEMPLATE TAG # 9001 Name Year	E 055: Date			
	<u>Remove Template</u> <u>Reveal Logic</u>	IES Client The tag logic: 0001 n *** relative tag addressing f me = c(d) oconv me = me(0,0) (dy) n *** place width, align place me = l(r) l(10) d jumpout: OK	Alignment r: right justified Result Width 10	T T	
Session Info: Terry is using IES	Application Wizard	🏠 Tag Template: Date	53 BGFRIEND-TAG-TEMPLATESS		58:26

Slide notes

This is the logic that the Tag Template is producing.

Slide 3 - Slide 3

🛃 IES Client v8.29 : My				
Help Submit Quit Function	ns Commands	() « »		4
	TEMPLA	TE 055: Date		
	TAG# 0001 Name Year			
			Display Mask Alignment r: right justified Result Width 10	<u> </u>
	<u>Remove Templat</u> <u>Reveal Log</u> i		Tag Result ALWAYS RETURN & RESU	JLT 💌
			Operator]= Conditional Value	
Session Info: Terry is using	1ES Application Wizard	🏠 Tag Template: Date	5 BOFRIEND-TAG-TEMPLATESS	

Slide notes

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

Slide 4 - Slide 4

IES Client v8.29 : My IES Help Submit Quit Functions Comm	mends					
() Q	and the second) « »	an Co		\$	 ×
	Selection Dialog					
	Remove Template					
	If you remove the template, you will be able to yourself. Are you sure you wish to remove thi	o choose a different template or to c s template?	o the tag logic	Remove Do Not Remove	•	 •
	Reveal Logic	Save	Tag Result ALWA Operator = Conditional Value	YS RETURN A RESULT	r	X
Session Info: Terry is using IES	Application Wizard	🚡 Tag Template: Date	5 BGFRIEND	-TAG-TEMPLATES5	() 2010/0	8/18 15:58:31

Slide 5 - Slide 5

	Client v8.29 : My IES
.	- ? Q. • Ø. « » m u • • Ø «
1	Console 2 Pre Run 3 The Tags 4 Options
ni	
124400420	
SIN	GLE SELECT: TEMPLATE AND MACRO OPTIONS
SI	ELECT -
1	Custom Macro
3	User Defined Macro - Build Your Own Macro With Tag Logic.
4	Numerics From The Accounts
6 7 8 9	Numeric Result, Accounts - Use With Any Ies Business Account Types, E.g. Ledger, Assets, Jobs, Stock, Debtors, Creditors, Et Numeric Result, Gl, Single Rule - Use With Ledger Only, Based On Single Select Rule. Numeric Result, Gl, Double Rule - Use With Ledger Only, Based On Double Select Rule.
10	Numeric Result, Gl, Multi Rule – Use With Ledger Only, Based On Multi Select Rule.
11 12	Iterative Units
15 16	Unit Call, Data Iteration - Use For Unit Call Based On Data Iteration I.e. Multi-value Data Set Within Record. Unit Call, Data Selector - Use For Unit Call Based On Data Selector With Direct Data Source For Document. Unit Call, Ikeys Multi Rule - Use For Unit Call Based On Multi Rule Selection Of Keys, Any Data Source.
	Unit Call, Ikeys Single Rule, Gl - Use For Unit Call Based On Single Rule Selection Of Keys, Only Gl Ledger. Unit Call, Ikeys Double Rule, Gl - Use For Unit Call Based On Double Rule Selection Of Keys, Only Gl Ledger.
1.000	Unit Dependent Tag - Use For Unit Dependent Tags, I.e. Those Following The Call Tag, On The Same Line. Unit Final Line - Use Instead Of The "call" Tag For A Dupli Line With "underline" As Final Line.
	Select ALL Show Full Line Cancel OK
	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

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

🖉 IES Client v8.29 : My IES		
Help Submit Quit Functions Commands		
• ? Q	• Ø « » it u s	(*) (X)
	Tag Logic: -	
	Tag 0001 Name Year	
	Commands 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout:	
	Save Use Template Copy Tag Logic Guery Writer Cmds Export Writer Cmd	
Session Info: Terry is using IES	🚡 Tag Logic 🔉 DOCWRITESWORK 🧐 24	010/08/18 15:58:35
	🚡 Tag Logic 🕤 DOCWRITESWORK 😗 24	010/08/18 15:58:35

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

🛃 IES Client v8.29 : My IES					
Help Submit Quit Functions Commands					
Help Submit Qui Functions Commands			<pre>> Tag Logic: - O001 Name Year Commands I n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) l(dy) 4 n *** place width, align 5 place me = l(r) l(l0) 5 d jumpout:</pre>	Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmds	
Session Info: Terry is using IES	Application Wizard	🊡 Tag Logic	5, dogwriteswork	() 20	10/08/18 15:58:35

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

🖉 IES Client v8.29 : My IES		
Help Submit Quit Functions Commands		
Help Submit Quit Functions Commands	Tag 001 Name Year Tag 001 Name Year 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) l(dy) 4 n *** place width, align 5 place me = l(r) l(l0) 6 d jumpout: Nex Pre Add ns Ed Del	Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmd
Session Info: Terry is using IES Devtool Application Wizard	🔓 Tag Logic 🔉 DOCWRITESWORK	2010/08/18 15:58:37

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

🗃 IES Client v8.29 : My IES	
Help Lookup Back 1 Field Restart Line Edit Mini Menu Submit Field Quit	
• 😧 Q. 🔍 V 🕗 «	» IT II 🔹 🔹 😒
Session Info: Terry is using IE5.	Tag 001 Name Year Commands 1 m *** relative tag addressing 2 f me = c(d) 3 conov me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 Nex Pre Add Ins Ed Del Surg Tag Logit Surg Tag Logit Surg Tag Logit Surg Tag Logit
🗐 Devtool 📰 Application Wizard 🍃 Tag Lo	ogic 📇 DOCWRITESWORK 😗 2010/08/18 15:58:39

Slide 10 - Slide 10

🛃 IES Client v8.29 : My IES					
Help Lookup Back 1 Field Restart Lin	e Edit Mini Menu Submit Field Quit				
		×	<pre>>> Tag Logic: - Tag 0001 Name Year Tag 0001 Name Year Commands 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 2</pre>	\$	
			6 d jumpout: 7 <u>Vex Pre Add Ins Ed Del</u>	Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmds	
Session Info: Terry is using IES	Application Wizard	🄓 Tag Logic	5. docwriteswork	() 20	10/08/18 15:58:39

Slide notes

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

Slide 11 - Slide 11

Select	on Dialog			
Command	vizard Main Options			
Please sele you are no		on will explain it's function when selected, in case	Data Display Conversion Data Input Conversion Assign a Value Call a Program Do a Loop Construct Map Financial Periods Preserve Total raw Value Extract from String Value Place with Length Bind String Values Together Return the Result Add a Note Build a Total Perform a Function Divert To Label	 Jump To Test Unit to be called Insert Multi Command No More / Done
			<u>-</u>	Export Writer Cmd

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

IES Client v8.29 : My IES elp Lookup Back 1 Field Resta	art Line Edit - Mini Menu - Submit Field - Qu	it		
e- 9 Q	•	0 « » IT	• •	 (x)
	Selection Dialog		5	3
	Functions			
	Please select a Function to perform MAKE RAW turns a formatted Numbe	r back into a raw Number.	Simple Assign Make Raw Number Quit	
		<u>v</u> ex Pre Add Ins Ed		
			<u>Save</u> Use Template	
			Copy Tag Logic	
			Query Writer Cmds Export Writer Cmd	
ssion Info: Terry is using IES Devtool		🍃 Tag Logic		2010/08/18 15:58:51
Deutent	Application Wizard	Taulania	🙇 DOCWRITESWORK 🛛 🚫 🔅	00400040 45.50.54

Slide notes

The next choice is 'Simple Assign'.

Slide 13 - Slide 13

	0 « » iī 💷	••	
Selection Dialog			
You need to choose the Variable to wi the Current Tag, Main or other Value in	nich the Result will be assigned. Therefore, it can only be to the range 1 to 7, or a Work Variable, in the range 1 to 99.	Current Tag Main Value	
	Nex Pre Add Ins Ed Del	·	
		Save	
		<u>Use Template</u> Copy Tag Logic	
		Query Writer Cmds	
		Export Writer Cmd	

Slide notes

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

Slide 14 - Slide 14

specified for this Document Model, while NAME Variables may be selected from what is specified in this DataMart. The KEY variable should only be used inside a Loop Construct, and Common provides Date, Time and UserCode Values.	untime • urrent Tag • osolute Tag •	
w Li C	elative Tag b burce b fork b teral b common b ame b sy b	
<u>Nex Pre Add Ins Ed Del</u>	Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmd	

Slide notes

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

Slide 15 - Slide 15

- 0 0	tart Line Edit Mini Menu Submit Field Quit		- 6	 x)
	· · · · · · · · · · · · · · · · · · ·			<u> </u>
	🖉 Selection Dialog			
	Common Variables			
	Please choose from the available Common Variables -	Date Time User Code Quit	* *	
	<u>vex Pre</u>	Add Ins Ed Del	Save	
		Use	Template	
		Copy1	Fag Logic	
		Query Wri Export W	<u>ter Cmds</u> riter Cmd	
			<u>mer omu</u>	
sion Info: Terry is using IE	5			

Slide notes

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

Slide 16 - Slide 16

🖉 Selection Dialog		
Command Wizard Main Options		
Please select from the available options. Each option will explain it's function when selected, in case you are not sure	Data Display Conversion Data Input Conversion	 Jump To Test Unit to be called
	Assign a Value	 Insert Multi Command
	Call a Program	No More / Done
	Do a Loop Construct Map Financial Periods	
	Preserve Total raw Value	
	Extract from String Value	•
	Place with Length	•
	Bind String Values Together	•
	Return the Result	•
	Add a Note Build a Total	
	Perform a Function	
	Divert To Label	•
		Export writter Cmd

Slide notes

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

Slide 17 - Slide 17

IES Client v8.29 : My IES Help Lookup Back 1 Field Restart I	ine Edit Mini Menu Submit Field Quit				
• (?) Q,	V O	« » 17 L		\$	 ×
	Selection Dialog				
	Data Display Conversion A Data Display Conversion needs (a) A Variable to whic on which the operation will be performed, and this may "a", and (c) you need to select or specify the Dutput Co Conversions are commonly used to present raw data to formatting a Date or Financial Value, etc.	be the same as or a different Variable than for nversion Operation. Data Display	Next Quit	*	
		<u>Vex Pre Add Ins Ed Del</u>		Save	
				emplate	
			<u>Copy Ta</u> Query Write	100 C 100	
			Export Writ	er Cmd	
Session Info: Terry is using IES					
Devtool	Application Wizard 🏠 T	ag Logic 🖧 DOCWI	RITESWORK	() 201	0/08/18 15:59:14

Slide 18 - Slide 18

Selection Dialog	
Assign TO Variable	
You need to choose the Variable to which the Result will be assigned. Therefore, it can only be to the Current Tag. Main or other Value in the range 1 to 7, or a Work Variable, in the range 1 to 99.	Current Tag Main Value
Vex Pre Add Ins Ed Del	Save
	Use Template Copy Tag Logic Guery Writer Cmds Export Writer Cmd

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

Selection Dialog Select Variable Please alect the Variable Toourneer Model whet Nath Variables may be selected from whet is specified in the Doublement Model whet Nath Variables may be selected from whet is specified in the Doublement And Alex Variables are only wald if a precision of the Doublement And Common provides Date, Time and UserCode Values. Runnine Absolute Tag Belative Tag Source Work Literal Common Name Quit Max Pre Add Ine Ed Def Save Use Termolate Literal Save Use Termolate Converting Save Use Termolate Section Control Save Use Termolate Converting Converting Save Save Use Termolate Converting Converting Save Use Termolate Converting Converting Save Use Termolate Converting Save Save Use Termolate <t< th=""><th>e (?) Q</th><th></th><th>6,5</th><th> (v) (v) </th></t<>	e (?) Q		6,5	 (v) (v)
Please select the Variable Type that you will use here. Runtime and Source types are only valid if specified for this Document Model, while NAME Variables may be selected from what is specified in this DataMart. The KEY variable should only be used inside a Loop Construct, and Common provides Date. Time and UserCode Values. Relative Tag Source Work Common Name Key Quit wex Pre Add Ins Ed Del Sare Use Template Coor Tag Logic		Selection Dialog	X	
specified for this Document Model, while NAME Variables may be selected from what is specified in this DataMait. The KEY variable should only be used inside a Loop Construct, and Common provides Date, Time and UserCode Values.		Select Variable		
<u>Vex Pre Add Ins Ed Del</u> <u>Save</u> <u>Use Template</u> <u>Copy Tag Logic</u> <u>Query Writer Cmds</u>		specified for this Document Model, while NAME Variables may be selected from what is specified in this DataMart. The KEY variable should only be used inside a Loop Construct, and Common	Current Tag Absolute Tag Relative Tag Source Work Literal Common Name Key	
		Nex Pre Add Ins Ed Del	<u>Save</u> Use Template Copy Tag Logic Query Writer Cmds	

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

IES Client v8.29 : My IES Help Lookup Back 1 Field Restart	Line Edit Mini Menu Submit Field Quit			
• (?) Q	• 0 « · ·		\$	 ×
	🖉 Selection Dialog		X	
	Additional Values on Current Tag A Tag has a Main Value, plus 7 additional Values to choose from. #1 is numbers that are used in 1 or more Totals by other Tags.	V4 V4 V4 V4 V4 V4 V4 V4 V4 V4 V4 V4 V4	ain Value alue 1 (for Totals) alue 2 alue 2 alue 3 alue 4 alue 5 alue 6 alue 7 uit	
	<u>vex P</u>	re <u>A</u> dd Ins <u>E</u> d <u>D</u> el	Save Use Template Copy Tag Logic Query Writer Cmds	
Session Info: Terry is using IES			Export Writer Cmd	
Devtool	🗐 Application Wizard 🛛 🊡 Tag Logic		RK 🔇 20	10/08/18 15:59:37

Slide 21 - Slide 21

ter and the second s	tart Line Edit - Mini Menu - Submit Field - Quit			
· (?) 0	• 0	« » ii L	*	 ×
	Selection Dialog			Ì
	Output Conversion Options			
	You may select from one of the Common DCON method will you use?	V Functions, or specify your Code directly. Which	From Common Conversion E dit Direct Quit	
		<u>Nex Pre Add Ins Ed Del</u>	Save	
			Use Template	
			<u>Copy Tag Logic</u> Query Writer Cmds	
			Export Writer Cmd	
sion Info: Terry is using I	5			

Slide notes

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

Slide 22 - Slide 22

IES Client v8.29 : My IES					
	Companion Wizard How do I DataMarts Busine			(4)	 ×
			Γag Logic: - Name Year		
	SINGLE SELECT: COMMON OCONVS				
	20 700000 Like 70,000.0 Mr:	57 cee name me 10 1 , r10, r11, r01,e		Save Use Template Copy Tag Logic uery Writer Cmds Export Writer Cmd	
Session Info: Terry is using IES	Application Wizard	aic	🔩 DOCWRITESWORK	(?) 20'	10/08/18 15:59:46
-				<u> </u>	

Slide notes

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

Slide 23 - Slide 23

🛃 IES Client v8.29 : My IES			
Help Infolab Connections Logon	Logoff Companion Wizard How do I DataMarts Business Module	s Action Focus Option Select	
- (?) Q,	• Ø «	» ii ()	÷ 🗸 🔅
	Tag	Tag Logic: -	
	SINGLE SELECT: COMMON OCONVS		
Session Info: Terry is using IES	SELECT OCONU TO USE 1 Date 15571 Like 18/08/2010 2 Date 15571 Like August 3 Date 15571 Like 18 Aug 2010 4 Date 15571 Like 18 Aug 2010 5 Date 15571 Like 2010 6 Time 57586 Like 15:59:46 7 File Translation With Substitute Val 8 Digits Only Ab23c5ee7 Like Abcee 10 Lead Capital Surname Like My Name 11 Upper Case My Name Like My Name 12 Lower Case My Name Like My Name 13 700000 Like 700000 Mr. 14 700000 Like 700000 Mr10 16 700000 Like 700000 Mr11 18 700000 Like 700,000 Mr10 17 700000 Like 700,000 Mr11 18 700000 Like 700,000.0 Mr11, 19 700000 Like 700,000.0 Mr11, 10 700000 Like 700,000.0 Mr11, 21 -990000 Like 700,000.0 Mr11, 21 -990000 Like 799,000 Mr01,e Select ALL Show FullLine	ue	Save Use Template Copy Tag Logic uery Writer Cmds Export Writer Cmd
Devtool	🗐 Application Wizard 🏠 Tag Logic		C 2010/08/18 15:59:46

Slide 24 - Slide 24

🛃 IES Client v8.29 : My IE	s						
Help Infolab Connections Lo	gon Logoff Companion Wizar	d How do I DataMart	s Business Modules Action	Pocus Option Select			
- (?) C		V Ø	« »		_	6	× ×
				Tag Log	ic: -		
			Tag 0001	Name Year			
	SINGLE SELE	ст: соммон осон	VS				
	SELECT O	CONV TO USE					
	2 Date 1 3 Date 1 4 Date 1 5 Date 1 6 Time 5 7 File 7 8 Digits 9 Alphas 10 Lead 0 11 Upper 12 Lower 13 700000 14 700000 15 700000 16 700000 17 700000 19 700000 20 700000	5571 Like 18/08/2 5571 Like August 5571 Like 18/08/1 5571 Like 18/08/1 5571 Like 2010 7586 Like 15:59:4 ranslation With 3 0nly Ab23c5e7 I apital Surname Like Case My Name Like 1 Like 700000 Like 700000 Like 700000 Like 70,000 Like 70,000 Like 70,000 Like 70,000 Like 70,000 Like 70,000 Show Full Line	10 2010 46 5ubstitute Value .ike 2357 .ike Abcee .ke Surname e My Name	K		Save Use Template Copy Tag Logic uery Writer Cmd Export Writer Cmd	
Session Info: Terry is using I	5						
Devtool	Application Wizard	· D	Tag Logic	5 DOCM	RITESWORK	() 20	10/08/18 15:59:51

Slide 25 - Slide 25

onversion Unit to be called Insert Multi Command In No More / Done Insert I Periods I al raw Value String Value Ingth	Data Display Conversion Data Input Conversion Assign a Value Call a Program Do a Loop Construct Map Financial Periods Preserve Total raw Value Extract from String Value	Command Wizard Main Options Please select from the available options. Each option will explain it's function when selected, in case you are not sure
onversion Unit to be called Insert Multi Command In No More / Done Insert I Periods I al raw Value String Value Ingth	Data Input Conversion Assign a Value Call a Program Do a Loop Construct Map Financial Periods Preserve Total raw Value	
m F No More / Done onstruct F Il Periods F al raw Value F String Value F Ingth F	Call a Program Do a Loop Construct Map Financial Periods Preserve Total raw Value	
onstruct I Periods al raw Value String Value Ingth F	Do a Loop Construct Map Financial Periods Preserve Total raw Value	
Il Periods al raw Value String Value Ingth F	Map Financial Periods Preserve Total raw Value	
al raw Value String Value Ingth	Preserve Total raw Value	
String Value Ingth		
ingth b	Extract from String Value	
	Place with Length	
	Bind String Values Together	
	Return the Result	
- A A A A A A A A A A A A A A A A A A A	Add a Note	
•	Build a Total	
nction 🕨	Perform a Function	
el 🕨	Divert To Label	
Export Writer Cmd		
Export Writer Cmd		

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

e e q		<i></i>		49	 X
	Selection Dialog				
	PLACE: String Function				
	The PLACE Command may be execute specify the Justification (L or R), and th	ed on the Current Tag (ME) or a WDRK Var e width of the Resulting String.	riable. You must Next Quit))	
		vex Pre Add	Ins Ed Del		
				<u>Save</u> Use Template Copy Tag Logic ery Writer Cmds cport Writer Cmd	

Slide 27 - Slide 27

e (?) Q,	v	0 « » it			 x
	Selection Dialog				
	You need to choose the Variable to whi the Current Tag, Main or other Value in	ich the Result will be assigned. Therefore, it can o the range 1 to 7, or a Work Variable, in the range	only be to Current Tag h 1 to 99. Current Tag (Working Vari Quit)ther Value 🕨	
		<u>vex</u> <u>Pre A</u> dd Ins <u>E</u>		Save Jse Template	
			Quen	opy Tag Logic : Writer Cmds rt Writer Cmd	

Slide 28 - Slide 28

📓 IES Client v8.29 : My IES							
Help Infolab Connections Logon	Logoff Companion Wizard	How do I DataMarts Busine	ss Modules Action F	ocus Option Select		- 63	 ×
	,						
	Selection Dialog						
	Field Justification						
	Please choose between LEF	T and RIGHT justification -			Left Right	•	
	ne contra c					-	
			<u>Nex Pre Add In</u>	is <u>E</u> d <u>D</u> el			
					<u>Us</u>	<u>Save</u> e Template	
						<u>y Tag Logic</u>	
						Vriter Cmds Writer Cmd	
Forcion Info Town is using TF							
Session Info: Terry is using IE5	Application Wizard	🍃 Tag Log	ic		ESWORK	() 2010/	08/18 16:00:09
						575.	

_ 🗆 🔀 🖉 IES Client v8.29 : My IES Help Infolab Connections Logon Logoff Companion Wizard How do I DataMarts Business Modules Action Focus Option Select ---- ? Q - 65 🕗 < 🔌 👘 🗌 (X) Tag Logic: -Tag 0001 Name Year Commands ٠ 1 n *** relative tag addressing 2 f me = c(d)3 oconv me = $me(0,0) \ l(dy)$ 4 n *** place width, align 5 place me = 1(r) 1(10)6 d jumpout: 7 -<u>Vex</u> Pre Add Ins Ed Del Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmd Session Info: Terry is using IES Devtool Application Wizard 🍃 Tag Logic DOCWRITESWORK 2010/08/18 16:00:14

Slide 29 - Slide 29

Slide 30 - Slide 30

Command Wizard		-3	-		
Please select fro you are not sure	n the available options. Each option will explain it's function when	selected, in case Data Display Conversion Data Input Conversion Assign a Value Call a Program Do a Loop Construct Map Financial Periods Preserve Total raw Value Extract from String Value Place with Length Bind String Values Togethe Return the Result Add a Note Build a Total Perform a Function Divert To Label		Jump To Test Unit to be called Insert Multi Command No More / Done	
n Info: Terry is using IE			Exp	ort Writer Cmd	

Slide notes

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

Slide 31 - Slide 31

🜌 IES Client v8.29 : My IES		
Help Lookup Back 1 Field Restart Line Edit Mini Menu Submit Field Quit		
Help Lookup Back 1 Field Restart Line Edit Mini Menu Submit Field Quit	<pre>>> Tag 001 Name Year Tag 001 Name Year</pre>	
Session Info: Terry is using IES Devtool II Application Wizard II Tag Log	ic 🖧 DOCVIRITESVVORK 🚫 2010/0	8/18 16:00:23

Slide 32 - Slide 32

B IES Client v8.29 : My IES Help Submit Quit Functions Commands				_ 0 2
Help Submit Quit Functions Commands		<pre>>> Tag Logic: - , 0001 Name Year Commands 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10) Pre Add ins Ed Del </pre>	Save Use Template Copy Tag Logic Guery Writer Cmds Export Writer Cmds	
Session Info: Terry is using IES	Wizard 🏠 Tag Logic		(3) 20	10/08/18 16:00:26

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

🙋 IES Client v8.29 : My IES	
Help Submit Quit Functions Commands	
ES Client v8.29 : My IES Help Submit Quit Functions Commands	
Session Info: Terry is using IE5	Vex Pre Add Ins Ed Del Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmd
Devtool Application Wizard	ic 5 DOCWRITESWORK S 2010/08/18 16:00:30

Slide 34 - Slide 34

🖉 IES Client v8.29 : My IES		$\overline{\times}$
Help Submit Quit Functions Commands		
Help Submit Quit Functions Commands	<pre>> Tag Logic: - Tag 0001 Name Year Tag 0001 Name Year Commands 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10)</pre>	_
Session Info: Terry is using IES	Nex Pre Add Ins Ed Del Save Use Template Copy Tag Logic Query Writer Cmds Export Writer Cmd	
🗐 Devtool 🔄 Application Wizard 🏠 Tag L	.ogic 5. DOCWRITESWORK 🚫 2010/08/18 16:00:32	

Slide notes

Line 3 is reproduced at line 8.

Slide 35 - Slide 35

嶜 IES Client v8.29 : My IES		_ 🗆 🗙
Help Submit Quit Functions Commands		
Help Submit Quit Functions Commands	Image: Second	
	8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10) <u>Vex Pre Add ins Ed Del</u> <u>Save</u> <u>Use Template</u> <u>Copy Tag Logic</u> <u>Gueny Writer Cmds</u> <u>Export Writer Cmd</u>	
Session Info: Terry is using IES	🚡 Tag Logic 📇 DOCWRITESWORK 🚫 2010/08/18 1	6:00:34

Slide 36 - Slide 36

🖉 IES Client v8.29 : My IES	
Help Submit Quit Functions Commands	
Help Submit Quit Functions Commands	Tag Logic: - Tag 0001 Name
	Commands 1 n *** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10)
	Vex Pre Add Ins Ed Del
Session Info: Terry is using IES	
🗐 Devtool 🔄 Application Wizard 🏠 Tag Log	gic 🔁 DOCWRITESWORK 🚫 2010/08/18 16:00:38

Slide 37 - Slide 37

IES Client v8.29 : My IES Help Submit Ouit Eurotions Commands					_ 🗆 🔀
ES Client v8.29 : My IES Help Submit Quit Functions Commands) «	<pre>>> Tag Logic: - Tag 0001 Name Year Commands 1 n *** relative tag addressin 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10) </pre>		
Session Info: Terry is using IES	Application Wizard	Tag Logic		DRK 🚫 20	010/08/18 16:00:41

Slide notes

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

Slide 38 - Slide 38

🗃 IES Client v8.29 : My IES		_ 🗆 🗙
Help Submit Quit Functions Commands		
	Tag Logic: - Tag 0001 Name Year Commands 1 1 *** relative tag addressing 2 f me = c(d) 3 3 oconv me = me(0,0) 1(dy) 4 *** place width, align 5 place me = 1(r) 1(10)	
	6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy) 9 place me = 1(r) 1(10) Nex Pre Add ins Ed Del Save Use Template	
Session Info: Terry is using 1E5	<u>Copy Taq Logic</u> <u>Query Writer Cmds</u> <u>Export Writer Cmd</u>	
Devtool 🗐 Application Wizard 🚡 Tag Log	gic 🖧 DOCWRITESWORK 🚫 2010/08/18 1	6:00:45

Slide 39 - Slide 39

Help Submit Quit Functions Commands		
	Que	
Session Info: Terry is using IES		

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

🖉 IES Client v8.29 : My IES		
Help Submit Quit Eunctions Commands		
Help Submit Quit Functions Commands	Commands 1 n*** relative tag addressing 2 f me = c(d) 3 oconv me = me(0,0) 1(dy) 4 n *** place width, align 5 place me = 1(r) 1(10) 6 d jumpout: 7 f me = c(d) 8 oconv me = me(0,0) 1(dy)	 × ×
	9 place me = 1(r) 1(10) 9 <u>vex Pre Add ins Ed Del</u> <u>Save</u> <u>Use Template</u> <u>Copy Tag Logic</u> <u>Query Writer Cmds</u> <u>Export Writer Cmd</u>	
Session Info: Terry is using IE5		
🗐 Devtool 🔄 Application Wizard 🏠 Ta	ig Logic 🐴 DOCWRITESWORK 🚫 2010/	08/18 16:01:59

Slide 41 - Slide 41

🗃 IES Client v8.29 : My IES		
Help Submit Quit Eunctions Commands		
• 9 Q V ()		× ×
Session Info: Terry is using IES	Commands 1 f me = c(d) 2 oconv me = me(0,0) 1(dy) 3 n *** place width, align 4 place me = 1(r) 1(10) 5 d jumpout: 6 f me = c(d) 7 oconv me = me(0,0) 1(dy) 8 place me = 1(r) 1(10)	✓ ve te tic ts
	Tag Logic 🖧 DOCWRITESWORK 🔇	2010/08/18 16:02:01

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😹 IES Client v8.29 : My IES		
Help Submit Quit Eunctions Commands		
• • • • • • • • • • • • • • • • • •	« » ii 🕛 🔹	 ×
	Tag 001 Name Year Tag 001 Name Year	
Session Info: Terry is using IE5 Devtool Application Wizard	Fag Logic 📇 DOCWRITESWORK 🚫 201	0/08/18 16:02:04

Slide 43 - Slide 43

🛃 IES Client v8.29 : My IES		
Help Submit Quit Eunctions Commands		
• 9 Q 🖤	🕗 « » it 🖬 🐐	 x)
Session Info: Terry is using IE5	Tag 001 Name Year I n *** place width, align Image: Commands I n *** place we = 1(r) 1(10) Image: Commands I place we = 1(r) 1(r) 1(r) Image: Commands I place we = 1(r) 1(r) 1(r) Image: Commands I place we = 1(r) 1(r) 1(r) I	
Devtool 🗐 Application Wizard	Tag Logic 5 DOCWRITESWORK 🚫 2010/	08/18 16:02:05

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Help Submit Quit Euroctions Commands	\$	9	
• ? Q. • U. « » II II	\$	9	
			×
Tag Logic: - Tag 0001 Tag 0001 Tag 1001 Tag 1001	Logic Omds		
🗐 Devtool 🔄 Application Wizard 🏠 Tag Logic 📇 DOCWRITESWORK	() 20	110/08/18	16:02:06

Slide 45 - Slide 45

🖉 IES Client v8.29 : My IES				
Help Submit Quit Eunctions Commands				
e 0 Q	• Ø «	» iī (ф	 (x)
		<pre>X Tag Logic: - Tag 0001 Name Year Tag 0001 Name Year Commands 1 place me = 1(r) 1(10) 2 d jumpout: 3 f me = c(d) 4 oconv me = me(0,0) 1(dy) 5 place me = 1(r) 1(10)</pre>	Save Use Template Copy Tag Logic Guery Writer Cmds Export Writer Cmds	
Session Info: Terry is using IE5				
Devtool 💮 Application Wizard	🍃 Tag Logic		(3) 201	0/08/18 16:02:08

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IES Client v8.29 : My IES					
Help Submit Quit Eunctions Commands	0		» at 1		(x) (x)
Session Info: Terry is using IES			Tag Logic: - Tag 0001 Name Year Commands 1 1 d jumpout: 2 2 f me = c(d) 3 3 oconv me = me(0,0) l(dy) 4 4 place me = l(r) l(l0) 1 ex Pre Add Ins Ed Del Del		
	Application Wizard	🔓 Tag Logic		DRK 🚫 20	10/08/18 16:02:09

Slide notes

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

Slide 47 - Slide 47

	V8.29 : My II			
	?	2. V	0 « » IT C	* *
<u>1</u> Console	2 Pre Run	3 The Tags 4 Options		_
Tag R	esult Macros	× -	Where is that ta	ag !
2	>>> Tags	Value Names	Exec It	
	0001	Year	1	Select from Tag List
1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 - 1990 -	0002	Cash at Bank Per 1	2	
38 S.	0003	Cash at Bank Per 2	2	Search for Tag Number
4	0004	Cash at Bank Per 3	2	
5	0005	Cash at Bank Per 4	2	Search for Tag Name
6	0006	Cash at Bank Per 5	2	Dearch for Fact Marine
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 Current Tag Fo	cus: -
13	0013	Cash at Bank Per 12	2	
14	0014	Net Income Per 1	1 1	
	0015	Net Income Per 2	1	
16	0016	Net Income Per 3	1	
	0017	Net Income Per 4	1 Name Year	
18	0018	Net Income Per 5	1	2. X 140 100
19	0019	Net Income Per 6	1	Open the Tag Macro
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	

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

🧖 II	S Client	v8.29 : My II	ES				_ 🗆 🗙
Help	Submit	Quit Functions	Commands				
		0	.	« »	ini in	* 2	x
			• • •	w //		~ V	<u> </u>
		1 ¹					
	1 Console	e <u>2</u> Pre Run	n <u>3</u> The Tags <u>4</u> Options				
	2	1.5					
in e							- 1
	Tag D	Result Macros	o.		v	Vhere is that tag !	
		>>> Tags	Value Names	Exec It		vitere is mar tay .	
		0001	Year	1		Select from Tag	Liet
	2	0002	Cash at Bank Per 1	2		<u>Beletinom rad</u>	
	3	0003	Cash at Bank Per 2	2		Search for Tag Num	hav
	4	0004	Cash at Bank Per 3	2		Search for Tag North	<u>ner</u>
	5	0005	Cash at Bank Per 4	2			
	6	0006	Cash at Bank Per 5	2		Search for Tag Na	ime
	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	c	urrent Tag Focus: -	
	13	0013	Cash at Bank Per 12	2			
	14	0014	Net Income Per 1	1	Row	1	-
	15	0015	Net Income Per 2	1		001	_
	16	0016	Net Income Per 3	1	100 11 -	ear	
	17		Net Income Per 4	1	(Manic)		
	18	0018 0019	Net Income Per 5 Net Income Per 6	T		Open the Tag Ma	ero
	19 20	0019	Net Income Per 6 Net Income Per 7	1			1010
	20	0020	Net Income Per 8	1			
	22	0021	Net Income Per 9	1			
	23	0023	Net Income Per 10	1			
See	24	0024	Net Income Per 11	1			
	25		Net Income Per 12	1			
É	1	120 17 17					
	Nex	Pre Add Ins	Ed Del				
1							-