

Slide 1 - Slide 1

Gummy Hoops Inc.
 PO Box 10555 0046 Centurion South Africa ZAR
 Tel +27 12 320 4555 hello@gummyhoops.hoop.com www.gummyhoops.hoop.com

Tax Invoice 01.100830-779 Account: 01020 Tax No 442276354
 Tax Registration No 44444444445 Currency: \$
 Date: 30/08/2010

DOORNKLOOF TEACHERS' ASSOCIATION
 11010 - 142 STREET
 Centurion

<u>Date</u>	<u>Description</u>	<u>Document</u>	<u>Quantity</u>	<u>\$ Amount Incl</u>	<u>Tax</u>
30/08/2010	NIKON COOLPIX 8800	3007174	1	175.38	21.54
30/08/2010	NIKON EN-EL3 BATTERY	3007232	1	7.89	0.97
				Before Tax	160.76
				Tax	22.51
				Inclusive Total	183.27

Terms:

Slide notes

We will be looking at a Tag Template that we can use to retrieve an Alpha Value from a Direct Data Source. Rather than by name, this Template retrieves the data by Field Number. In the Invoice Report that we show here, there is a Unit, but we are interested in the Values outside of the Unit, because those are the Values that we address by the Alpha and Numeric from Direct Data Source Templates.

Slide 2 - Slide 2

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			Before Tax	160.76	
			Tax	22.51	
			Inclusive Total	183.27	

Terms:

Slide notes

The Customer Name on this Invoice is an example of an Alpha Value that we extract.

Slide 3 - Slide 3

New Report - Windows Internet Explorer

\\127.0.0.1\Bridge\DI558329218.htm

File Edit View Favorites Tools Help

Google Search Share Sidewiki Check Translate Sign In

Favorites Free Hotmail Suggested Sites Web Slice Gallery

New Report

Gummy Hoops Inc.

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Tel +27 12 320 4555 hello@gummyhoops.hoop.com www.gummyhoops.hoop.com

Tax Invoice 01.100830-779 Account: 01020 Tax No 442276354
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DOORNKLOOF TEACHERS' ASSOCIATION
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Date	Description	Document	Quantity	\$ Amount Incl	Tax
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			Before Tax	160.76	
			Tax	22.51	
			Inclusive Total	183.27	

Terms:

Done Internet 100%

Slide notes

Slide 4 - Slide 4

New Report - Windows Internet Explorer

File Edit View Favorites Tools Help

Google Search Share Sidewiki Check Translate Sign In

Favorites Free Hotmail Suggested Sites Web Slice Gallery

New Report

||127.0.0.1|Bridge|X1558329324.htm

|0001|

|0002|

|0003|

|0030|

Tax Invoice |0004| Account: |0015| Tax No |0016|

Tax Registration No |0005| Currency: |0028|

Date: |0006|

|0029|

|0007|

|0008|

|0009|

|0010|

|0011|

|0012|

|0013|

Date	Description	Document	Quantity	0017	Amount Incl	Tax
0018	0019	0020	0021		0022	0023
				Before Tax	0024	
				Tax	0025	
				Inclusive Total	0026	

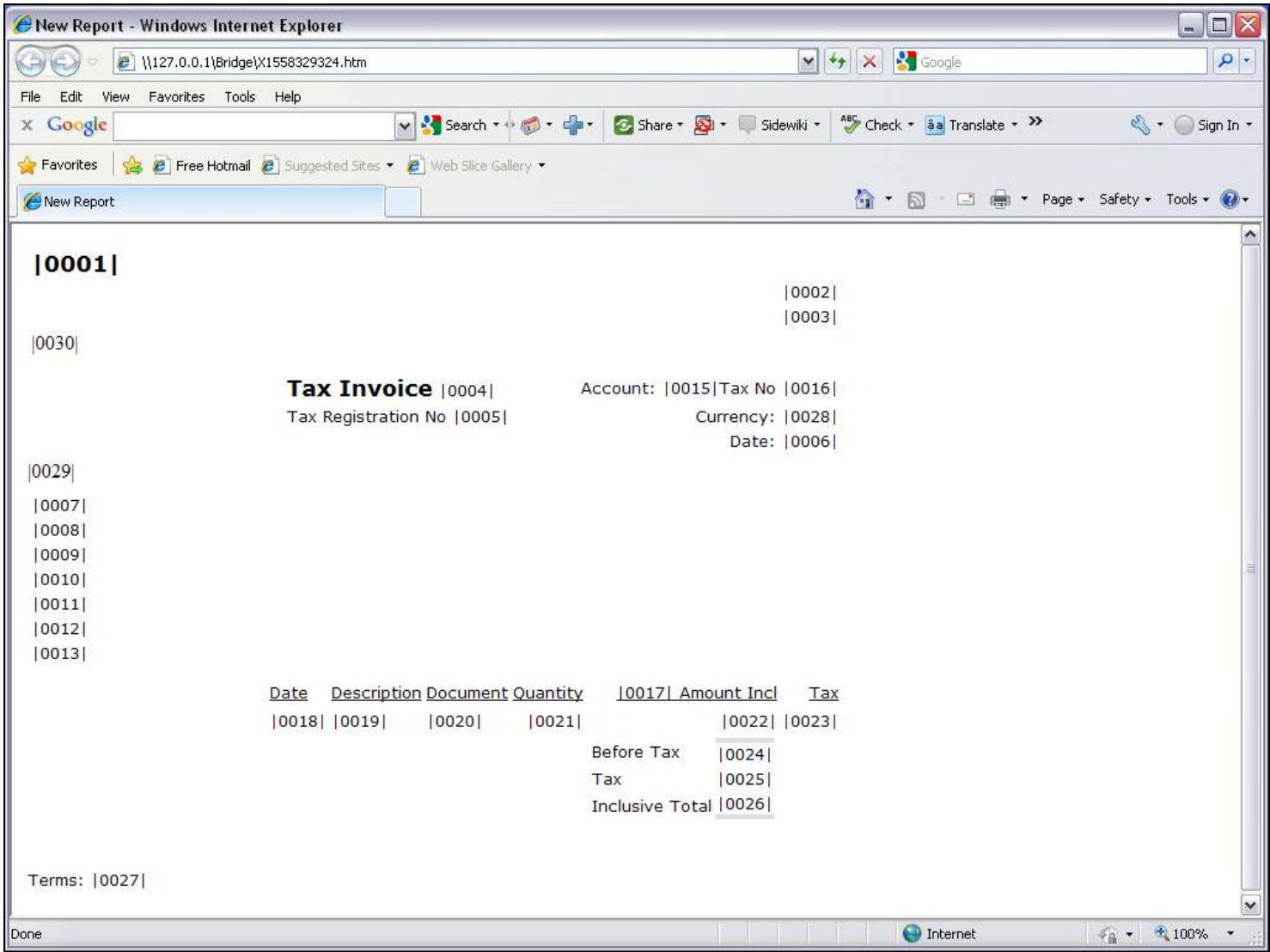
Terms: |0027|

Done Internet 100%

Slide notes

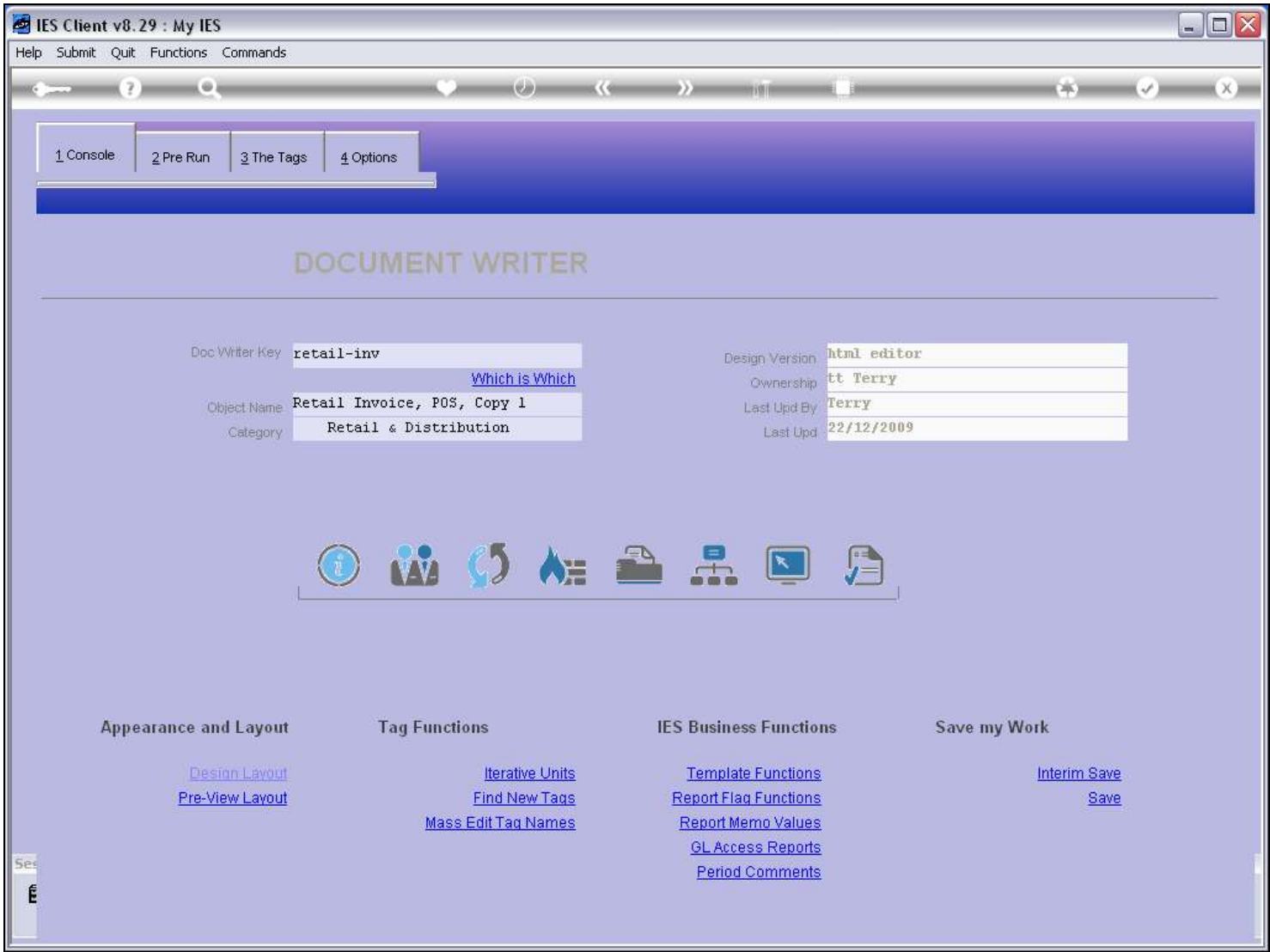
On the Report Layout, the Customer Name is Tag 7.

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Slide notes

Slide 6 - Slide 6



Slide notes

Slide 7 - Slide 7

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	Company Name	1
2	0002	Company Address	1
3	0003	Company Contact	1
4	0030	Line	1
5	0004	Invoice Number	1
6	0015	Customer Account Code	1
7	0016	Customer Tax Number	1
8	0005	Company Tax Number	1
9	0028	Currency	1
10	0006	Invoice Date	1
11	0029	Line	1
12	0007	Customer Name	1
13	0008	Customer Address	1
14	0009	Customer Address	1
15	0010	Customer Address	1
16	0011	Customer Address	1
17	0012	Customer Address	1
18	0013	Customer Address	1
19	0014	Line	1
20	0017	Currency	1
21	0018	Unit Call	1
22	0019	*** unit dependent	1
23	0020	*** unit dependent	1
24	0021	*** unit dependent	1
25	0022	*** unit dependent	1

NexPreAddInsEdDel

Where is that tag !

[Select from Tag List](#)

[Search for Tag Number](#)

[Search for Tag Name](#)

Current Tag Focus: -

Row12

Tag #0007

NameCustomer Name

[Open the Tag Macro](#)

Slide notes

Slide 8 - Slide 8

The screenshot shows the IES Client v8.29: My IES window. The title bar includes 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. The main area is titled 'TEMPLATE 017: Alpha-Numeric from Data Source'. It contains several input fields and buttons for configuring a tag template. The 'TAG #' is '0007' and the 'Name' is 'Customer Name'. The 'Data Source #' is 'DOCWRITESPRE', 'Data Field #' is '43', and 'Multi Value #' is '1'. The 'Tag Addressing' is set to 'relative'. The 'Display Mask' is empty. The 'Alignment' is 'l: left justified', 'Result Width' is '40', 'Bold ?' is 'normal', and 'Underline ?' is 'normal'. The 'Tag Result' is 'always return a result', 'Operator' is '=', and 'Conditional Value' is empty. There are buttons for 'Remove Template', 'Copy Template', 'Reveal Logic', and 'Save'. The bottom status bar shows 'Session Info: Terry is using IES' and a taskbar with icons for Devtool, Application Wizard, Tag Template: Alpha-numeric From, BGFRIEND-TAG-TEMPLATE17, and a clock showing 2010/08/30 08:09:28.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # DOCWRITESPRE
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

Remove Template Copy Template

Reveal Logic Save

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:28

Slide notes

Here we can see the use of the Template for Alpha Value extracted direct from a Data Source, and not by Name but rather by Field number.

Slide 9 - Slide 9

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # DOCWRITESPRE
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

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

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

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:29

Slide notes

Slide 10 - Slide 10

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # DOCWRITESPRE
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

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

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

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:31

Slide notes

Slide 11 - Slide 11

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # 1
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

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

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

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:33

Slide notes

Slide 12 - Slide 12

The screenshot shows the IES Client v8.29: My IES window. The title bar includes 'Help', 'Submit', 'Quit', 'Functions', and 'Commands'. The main area is titled 'TEMPLATE 017: Alpha-Numeric from Data Source'. It contains several input fields and dropdown menus for configuring a tag template. The 'TAG #' is 0007, and the 'Name' is 'Customer Name'. The 'Data Source #' is 'DOCWRITESPRE', and the 'Data Field #' is 43. The 'Multi Value #' is 1. The 'Tag Addressing' is set to 'relative'. The 'Display Mask' is empty. The 'Alignment' is 'l: left justified', 'Result Width' is 40, 'Bold ?' is 'normal', and 'Underline ?' is 'normal'. The 'Tag Result' is 'always return a result', and the 'Operator' is '='. The 'Conditional Value' is empty. There are four buttons: 'Remove Template', 'Copy Template', 'Reveal Logic', and 'Save'. The bottom status bar shows 'Session Info: Terry is using IES' and a list of icons: Devtool, Application Wizard, Tag Template: Alpha-numeric From, BGFRIEND-TAG-TEMPLATE17, and a clock showing 2010/08/30 08:09:35.

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # DOCWRITESPRE
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

Remove Template Copy Template

Reveal Logic Save

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:35

Slide notes

In this case, the Customer Name comes from Field number 43.

Slide 13 - Slide 13

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

TEMPLATE 017: Alpha-Numeric from Data Source

TAG # 0007
Name Customer Name

Data Source # DOCWRITESPRE
Data Field # 43
Multi Value # 1

Tag Addressing relative

Display Mask

Alignment l: left justified
Result Width 40
Bold ? normal
Underline ? normal

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

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

Tag Result always return a result
Operator =
Conditional Value

Session Info: Terry is using IES

Devtool Application Wizard Tag Template: Alpha-numeric From BGFRIEND-TAG-TEMPLATE17 2010/08/30 08:09:37

Slide notes

Slide 14 - Slide 14

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	Company Name	1
2	0002	Company Address	1
3	0003	Company Contact	1
4	0030	Line	1
5	0004	Invoice Number	1
6	0015	Customer Account Code	1
7	0016	Customer Tax Number	1
8	0005	Company Tax Number	1
9	0028	Currency	1
10	0006	Invoice Date	1
11	0029	Line	1
12	0007	Customer Name	1
13	0008	Customer Address	1
14	0009	Customer Address	1
15	0010	Customer Address	1
16	0011	Customer Address	1
17	0012	Customer Address	1
18	0013	Customer Address	1
19	0014	Line	1
20	0017	Currency	1
21	0018	Unit Call	1
22	0019	*** unit dependent	1
23	0020	*** unit dependent	1
24	0021	*** unit dependent	1
25	0022	*** unit dependent	1

NexPreAddInsEdDel

Where is that tag !

[Select from Tag List](#)

[Search for Tag Number](#)

[Search for Tag Name](#)

Current Tag Focus: -

Row12

Tag #0007

NameCustomer Name

[Open the Tag Macro](#)

Slide notes

Slide 15 - Slide 15

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	Company Name	1
2	0002	Company Address	1
3	0003	Company Contact	1
4	0030	Line	1
5	0004	Invoice Number	1
6	0015	Customer Account Code	1
7	0016	Customer Tax Number	1
8	0005	Company Tax Number	1
9	0028	Currency	1
10	0006	Invoice Date	1
11	0029	Line	1
12	0007	Customer Name	1
13	0008	Customer Address	1
14	0009	Customer Address	1
15	0010	Customer Address	1
16	0011	Customer Address	1
17	0012	Customer Address	1
18	0013	Customer Address	1
19	0014	Line	1
20	0017	Currency	1
21	0018	Unit Call	1
22	0019	*** unit dependent	1
23	0020	*** unit dependent	1
24	0021	*** unit dependent	1
25	0022	*** unit dependent	1

NexPreAddInsEdDel

Where is that tag !

[Select from Tag List](#)

[Search for Tag Number](#)

[Search for Tag Name](#)

Current Tag Focus: -

Row12

Tag #0007

NameCustomer Name

[Open the Tag Macro](#)

Slide notes

Slide 16 - Slide 16



Slide notes

Slide 17 - Slide 17

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	Company Name	1
2	0002	Company Address	1
3	0003	Company Contact	1
4	0030	Line	1
5	0004	Invoice Number	1
6	0015	Customer Account Code	1
7	0016	Customer Tax Number	1
8	0005	Company Tax Number	1
9	0028	Currency	1
10	0006	Invoice Date	1
11	0029	Line	1
12	0007	Customer Name	1
13	0008	Customer Address	1
14	0009	Customer Address	1
15	0010	Customer Address	1
16	0011	Customer Address	1
17	0012	Customer Address	1
18	0013	Customer Address	1
19	0014	Line	1
20	0017	Currency	1
21	0018	Unit Call	1
22	0019	*** unit dependent	1
23	0020	*** unit dependent	1
24	0021	*** unit dependent	1
25	0022	*** unit dependent	1

Where is that tag !

[Select from Tag List](#)

[Search for Tag Number](#)

[Search for Tag Name](#)

Current Tag Focus: -

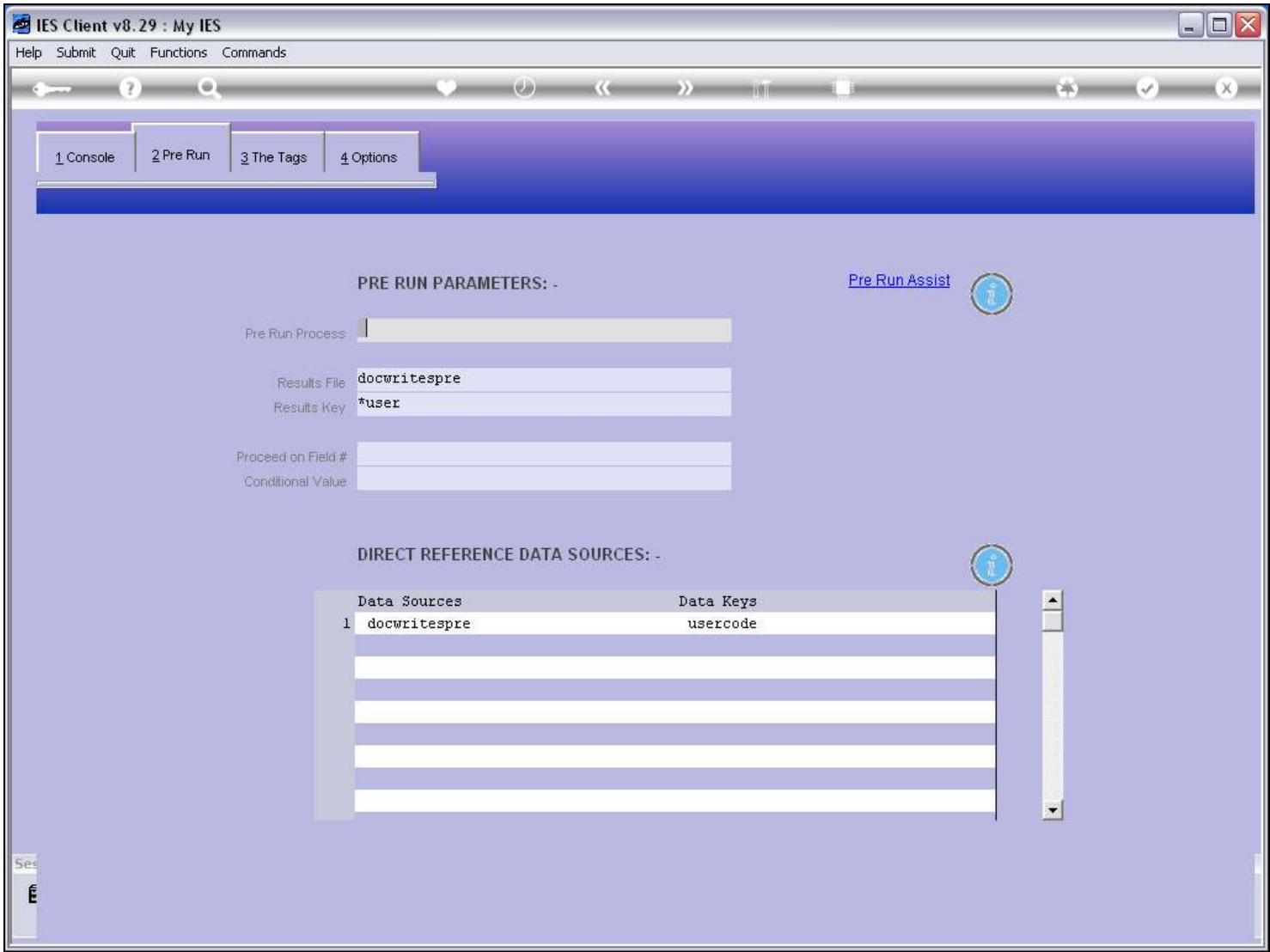
Row	12
Tag #	0007
Name	Customer Name

[Open the Tag Macro](#)

Nex Pre Add Ins Ed Del

Slide notes

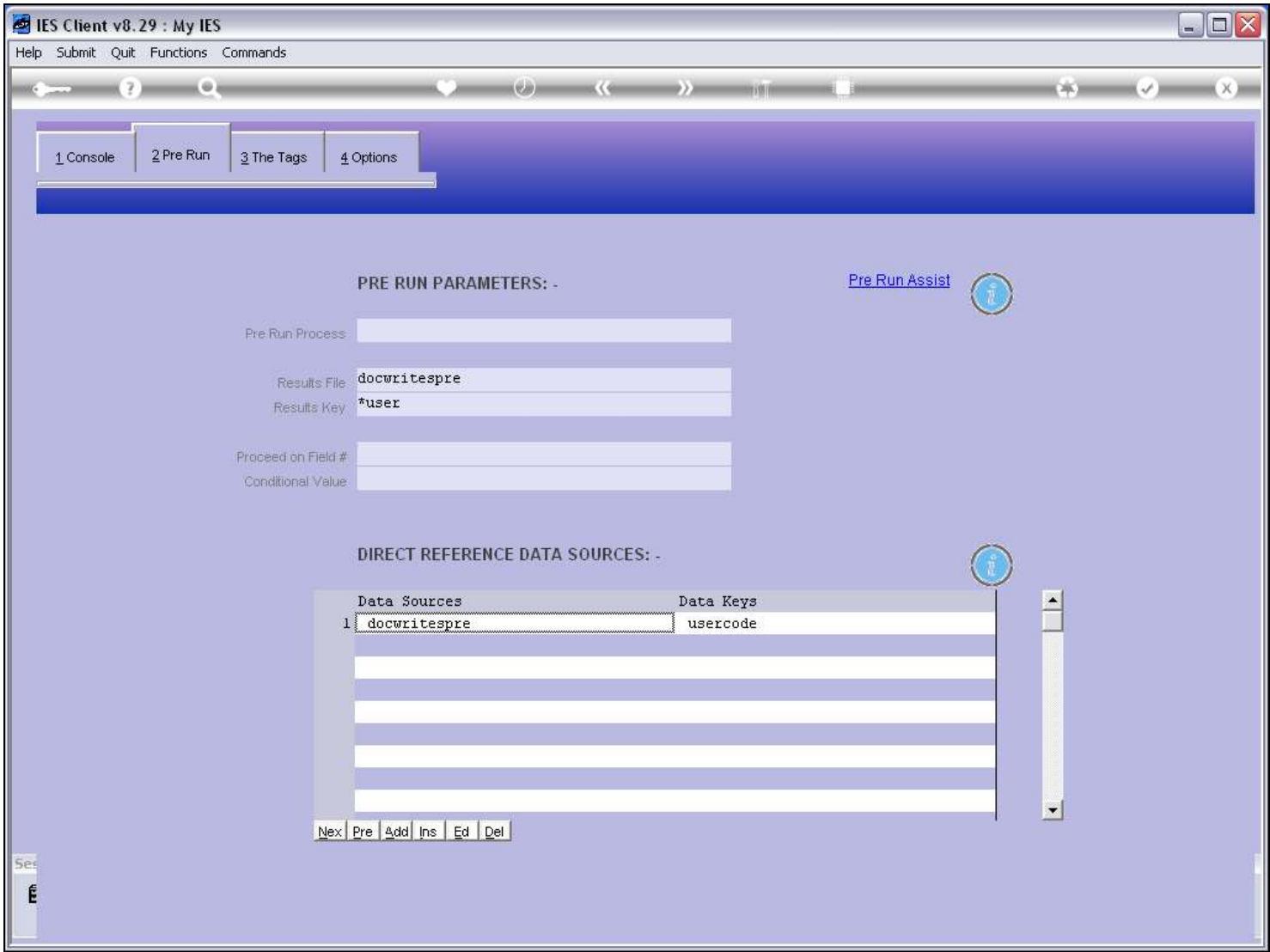
Slide 18 - Slide 18



Slide notes

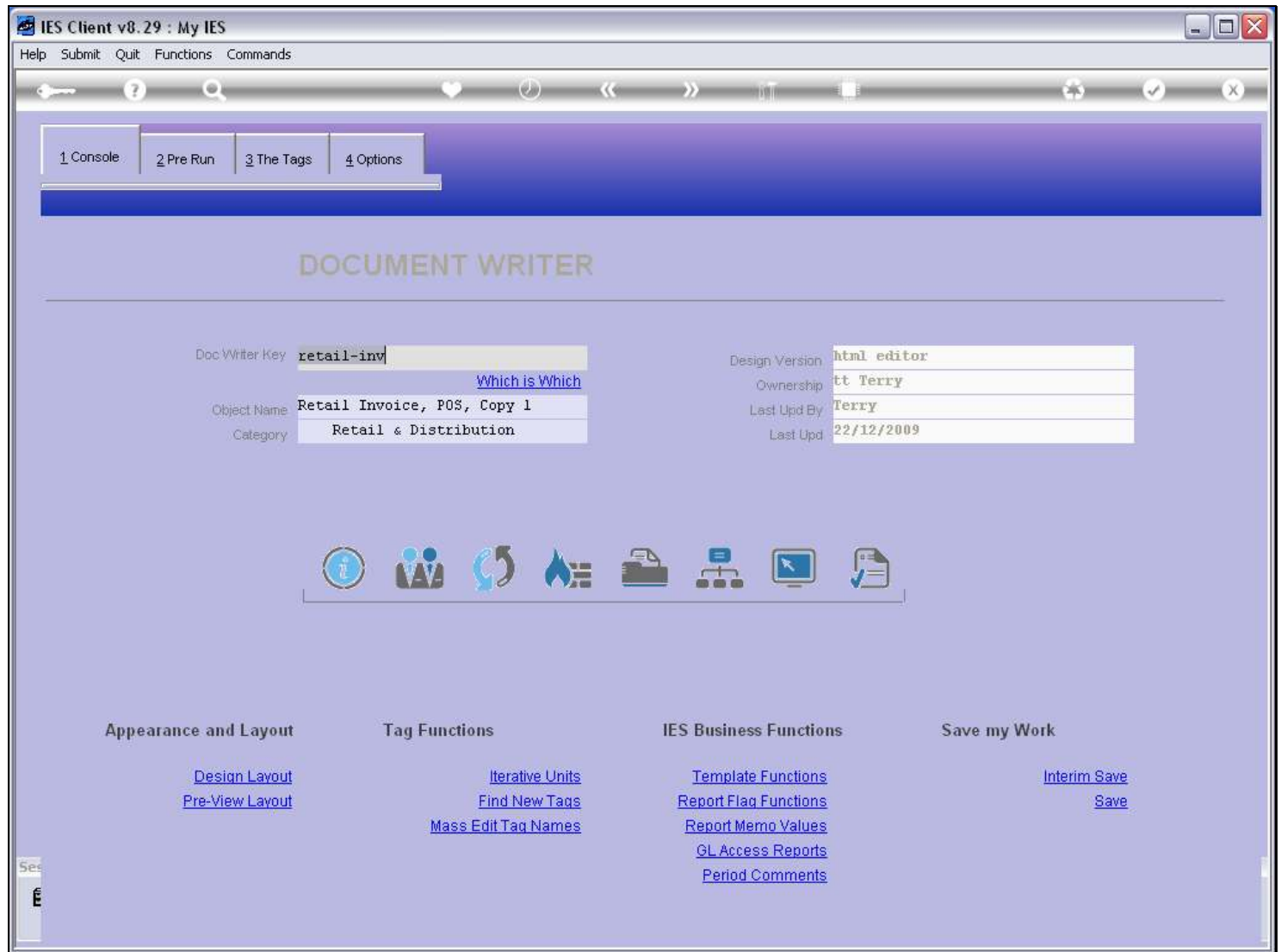
We note that we can use this method only when we have a Direct Data source listed, and more often than not, when we use the Field number method as opposed to the Name method, then it is a data record specially prepared for the Report.

Slide 19 - Slide 19



Slide notes

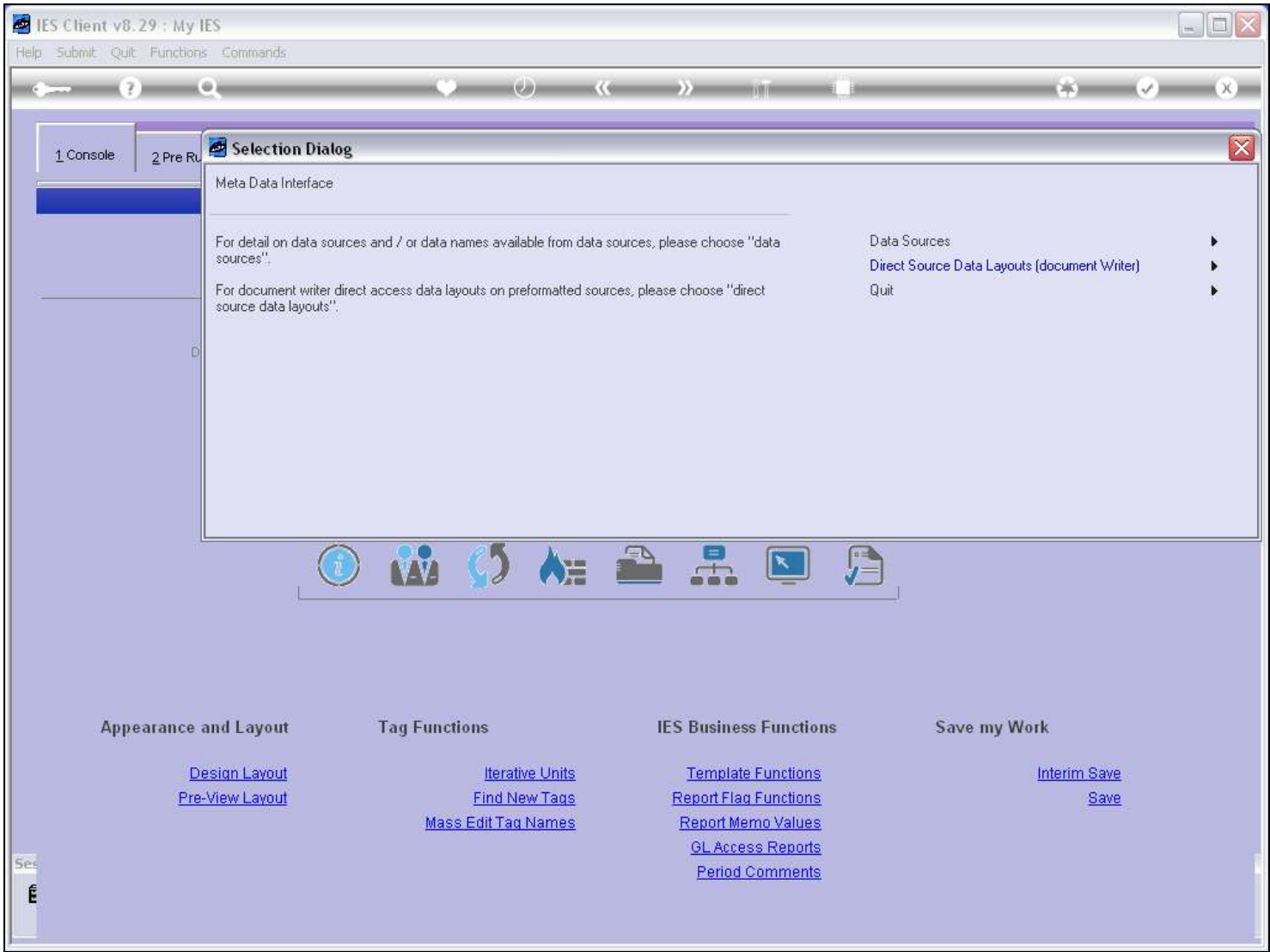
Slide 20 - Slide 20



Slide notes

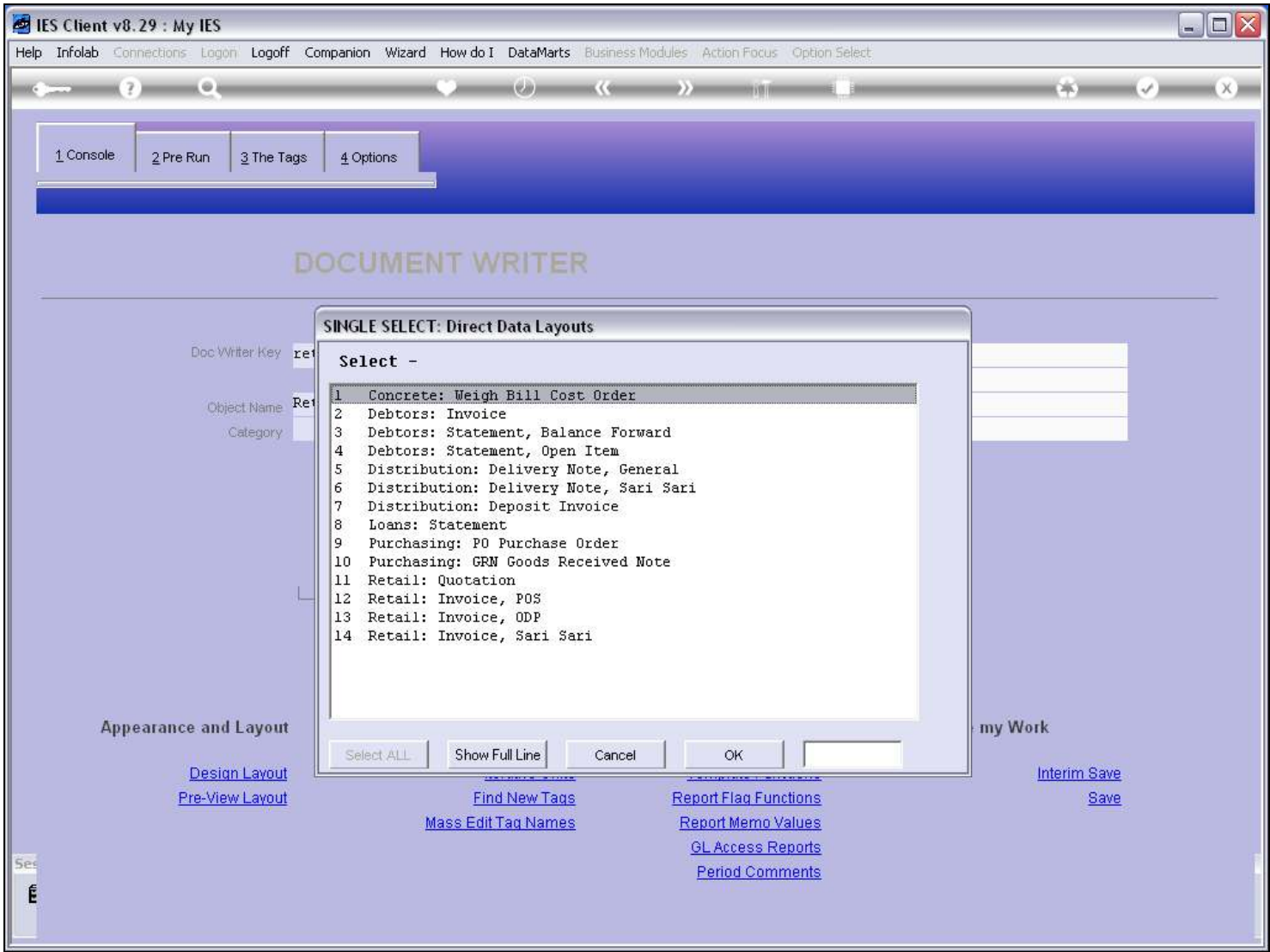
On the metadata we will be able to see where the Customer Name comes from.

Slide 21 - Slide 21



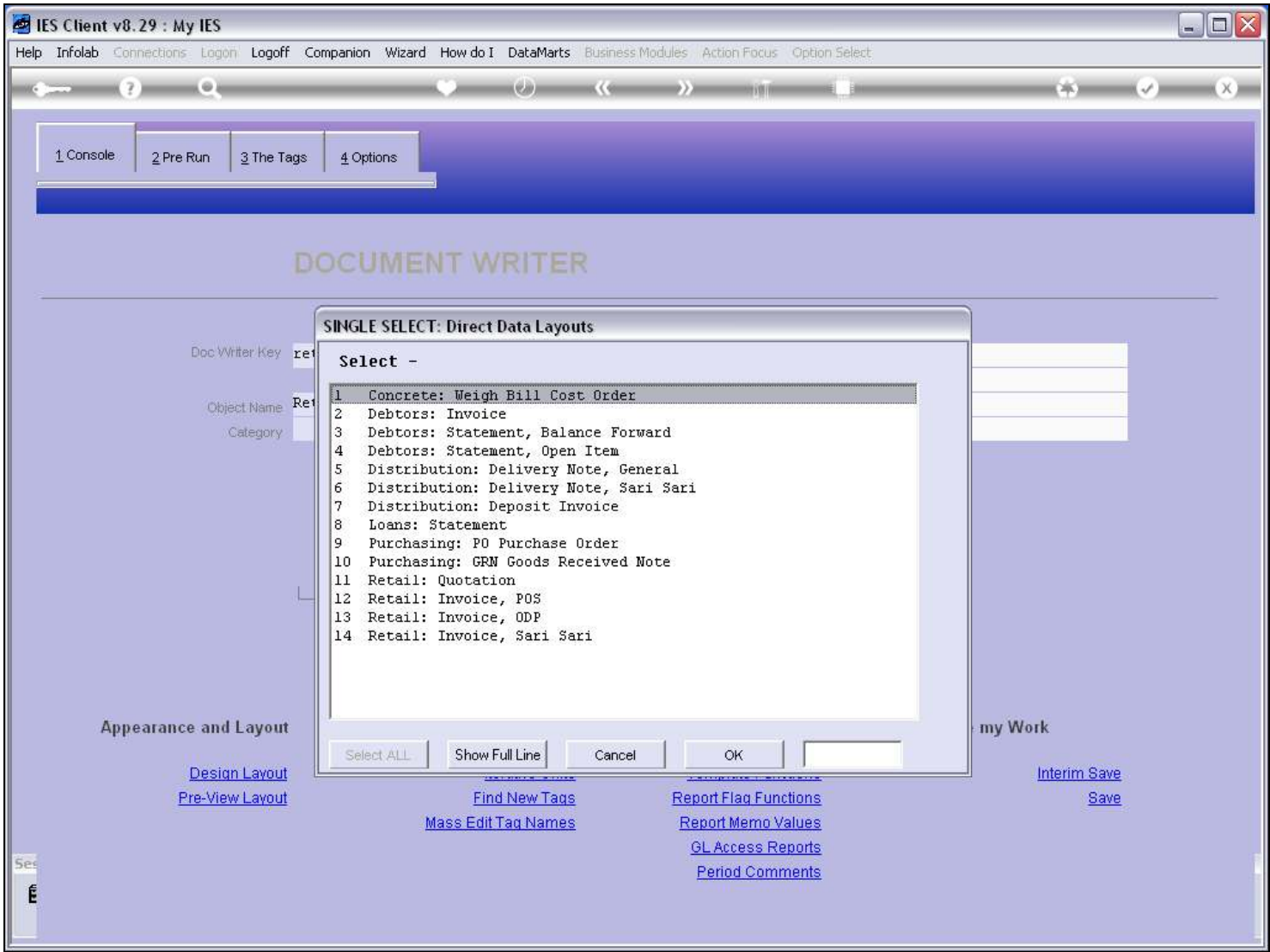
Slide notes

Slide 22 - Slide 22



Slide notes

Slide 23 - Slide 23



Slide notes

Slide 24 - Slide 24

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

Document

Next

Retail Invoice, Point of Sale - Direct Data Layout

The Retail Invoice Data are pre-formatted to a 'docwritespre' source record before calling Document Writer. If this report (RETAIL-INV, RETAIL-INV-2, RETAIL-INV-FX, RETAIL-INV-FX-2) is re-created as a modified version (swap), then the data layout may be accessed as follows: -

Field #	Data
Transaction Line Detail (multi valued), Invoice Currency e.g. Local or Forex	
1,n	Transaction Date
2,n	Description
3,n	Item Code
4,n	Quantity
5,n	Amount (inclusive)
6,n	Line Tax
7,n	Amount (exclusive)
8,n	Line Discount Amt
9,n	Serial / Batch No
10,n	* if sale and not delivered now
Transaction Line Detail (multi valued), Local Currency	
51,n	Amount (inclusive)
52,n	Line Tax
53,n	Amount (exclusive)
54,n	Line Discount Amt
Totals in Invoice Currency e.g. Local or Forex	

Doc Key dds-layout-05

Make a copy -

Text Copy

Search Phrase

Search the IES web on-line documentation by typing a phrase, then choose "search".

Search

Slide notes

Slide 25 - Slide 25

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

Document

Next

Retail Invoice, Point of Sale - Direct Data Layout

The Retail Invoice Data are pre-formatted to a 'docwritespre' source record before calling Document Writer. If this report (RETAIL-INV, RETAIL-INV-2, RETAIL-INV-FX, RETAIL-INV-FX-2) is re-created as a modified version (swap), then the data layout may be accessed as follows: -

Field #	Data
Transaction Line Detail (multi valued), Invoice Currency e.g. Local or Forex	
1,n	Transaction Date
2,n	Description
3,n	Item Code
4,n	Quantity
5,n	Amount (inclusive)
6,n	Line Tax
7,n	Amount (exclusive)
8,n	Line Discount Amt
9,n	Serial / Batch No
10,n	* if sale and not delivered now
Transaction Line Detail (multi valued), Local Currency	
51,n	Amount (inclusive)
52,n	Line Tax
53,n	Amount (exclusive)
54,n	Line Discount Amt
Totals in Invoice Currency e.g. Local or Forex	

Doc Key dds-layout-05

Make a copy -

Text Copy

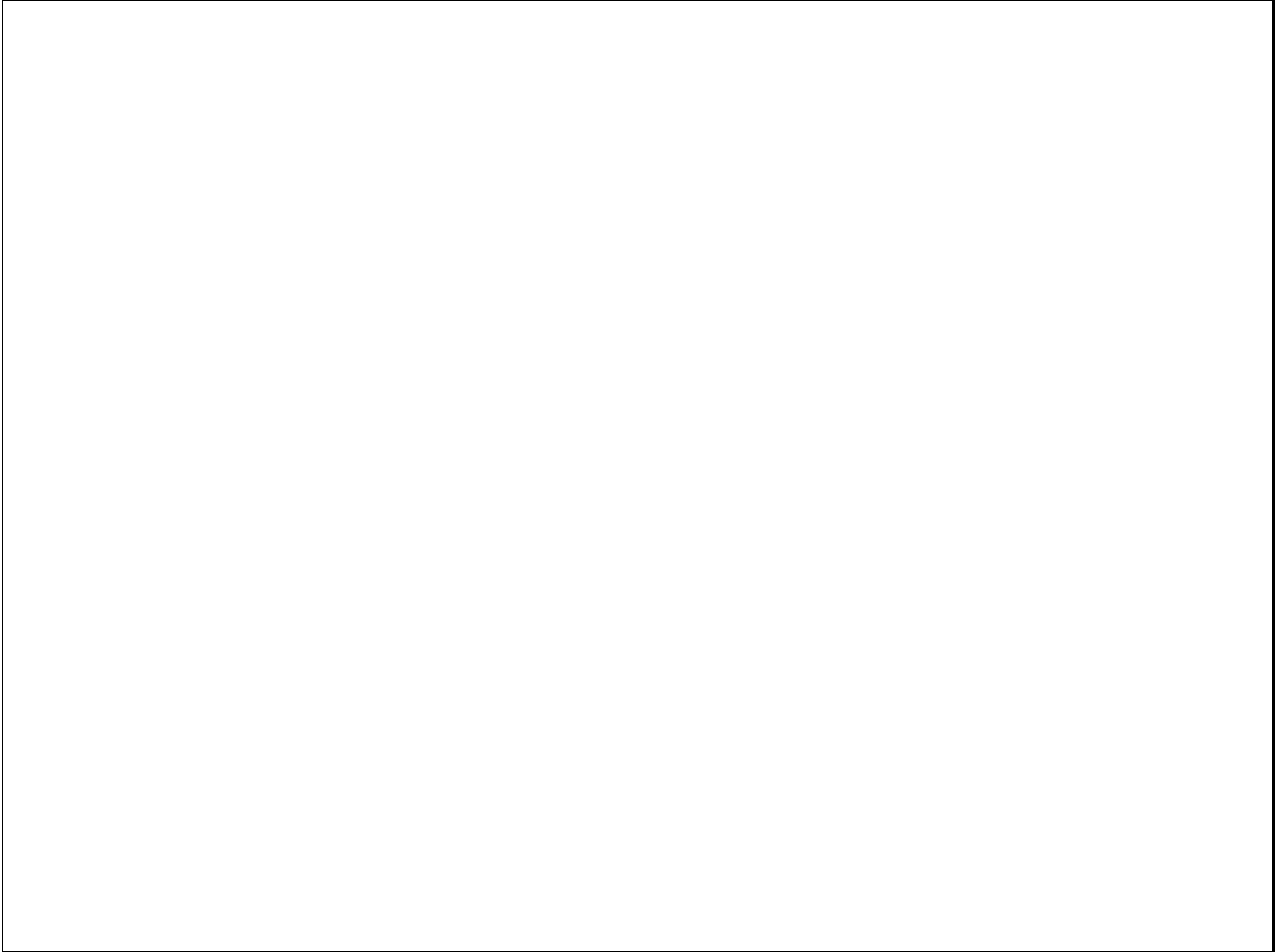
Search Phrase

Search the IES web on-line documentation by typing a phrase, then choose "search".

Search

Slide notes

Slide 26 - Slide 26



Slide notes

Slide 27 - Slide 27

IES Client v8.29 : My IES

Help Submit Quit Functions Commands

Document

[Next](#)

51,n	Amount (inclusive)
52,n	Line Tax
53,n	Amount (exclusive)
54,n	Line Discount Amt

Totals in Invoice Currency e.g. Local or Forex

30	Invoice Total excluding Tax
31	Invoice Total Tax
32	Invoice Total including Tax
65	Prepaid Amount or Deposit

Totals in Local Currency

61	Invoice Total excluding Tax
62	Invoice Total Tax
63	Invoice Total including Tax
64	Prepaid Amount or Deposit

Other Indicators

17	Copy (says COPY if it is a copy, else null)
18	Invoice or Credit Note
20,n	Postal Address Header Lines (multi valued)
21,n	Physical Address Header Lines (multi valued)
22	Currency
23	Company Tax No
24	Company Address Line
25	Company Contact Line
26	Payment Terms

Make a copy - [Text Copy](#)

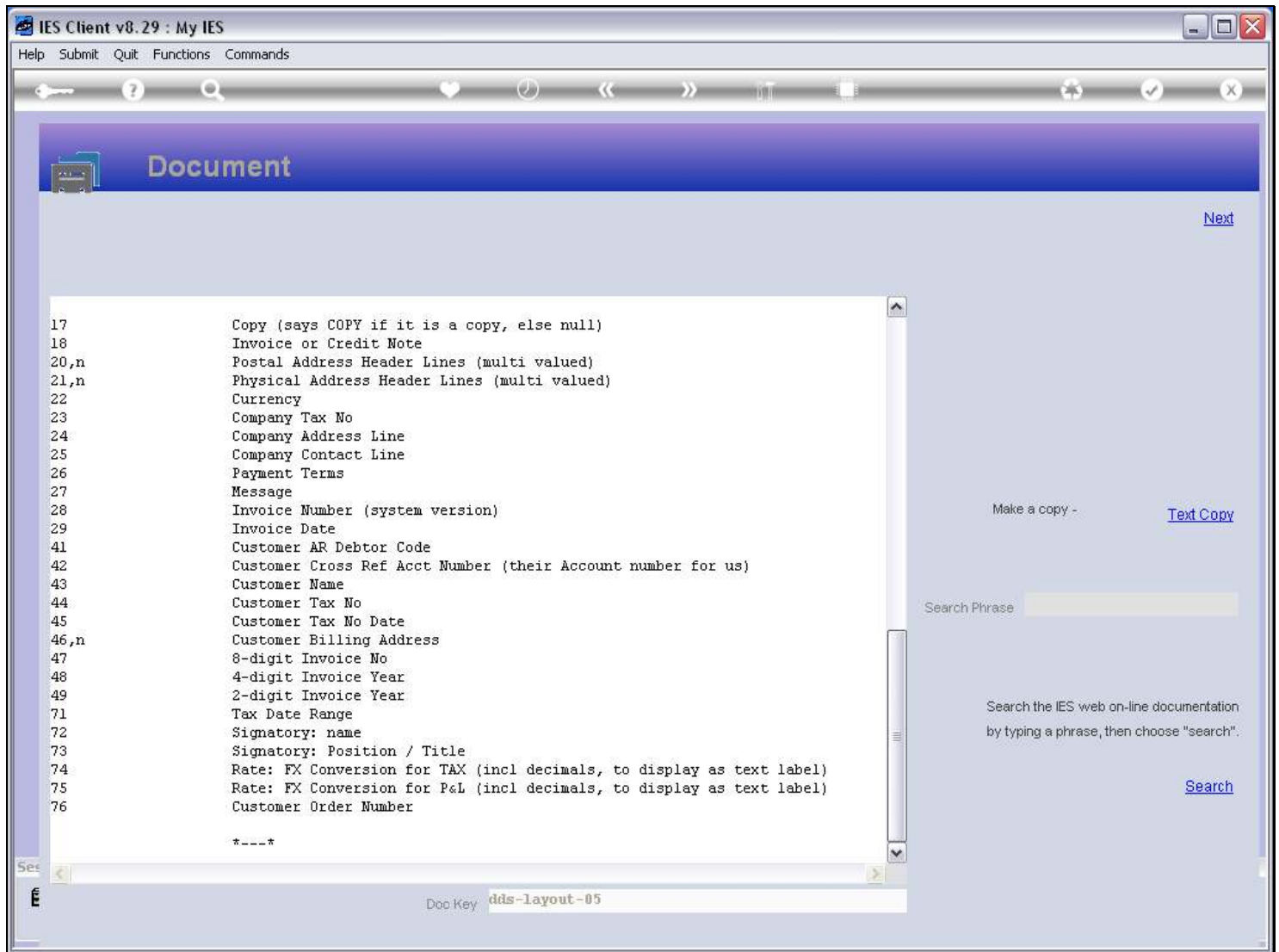
Search Phrase

Search the IES web on-line documentation by typing a phrase, then choose "search".

[Search](#)

Doc Key: dds-layout-05

Slide notes

Slide 28 - Slide 28**Slide notes**

And here the Customer Name is shown at Field number 43.

Slide 29 - Slide 29

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 key, help, search, heart, clock, left arrow, right arrow, print, save, checkmark, and close. The main window has a blue header bar with the word "Document" and a "Next" link. The left pane displays a list of fields with line numbers 17 through 76:

- 17 Copy (says COPY if it is a copy, else null)
- 18 Invoice or Credit Note
- 20,n Postal Address Header Lines (multi valued)
- 21,n Physical Address Header Lines (multi valued)
- 22 Currency
- 23 Company Tax No
- 24 Company Address Line
- 25 Company Contact Line
- 26 Payment Terms
- 27 Message
- 28 Invoice Number (system version)
- 29 Invoice Date
- 41 Customer AR Debtor Code
- 42 Customer Cross Ref Acct Number (their Account number for us)
- 43 Customer Name
- 44 Customer Tax No
- 45 Customer Tax No Date
- 46,n Customer Billing Address
- 47 8-digit Invoice No
- 48 4-digit Invoice Year
- 49 2-digit Invoice Year
- 71 Tax Date Range
- 72 Signatory: name
- 73 Signatory: Position / Title
- 74 Rate: FX Conversion for TAX (incl decimals, to display as text label)
- 75 Rate: FX Conversion for P&L (incl decimals, to display as text label)
- 76 Customer Order Number

Below the list is a separator line "*****". The right pane contains a "Make a copy -" link, a "Text Copy" link, a "Search Phrase" input field, and a "Search" link. Below the search area is a note: "Search the IES web on-line documentation by typing a phrase, then choose 'search'." The status bar at the bottom shows "Doc Key: dds-layout-05".

Slide notes

Slide 30 - Slide 30

The screenshot shows the IES Client v8.29 application window. 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 key, help, search, heart, clock, left arrow, right arrow, print, save, checkmark, and close. The main area is titled "Document" and contains a list of fields on the left and a search area on the right.

Document

17 Copy (says COPY if it is a copy, else null)
18 Invoice or Credit Note
20,n Postal Address Header Lines (multi valued)
21,n Physical Address Header Lines (multi valued)
22 Currency
23 Company Tax No
24 Company Address Line
25 Company Contact Line
26 Payment Terms
27 Message
28 Invoice Number (system version)
29 Invoice Date
41 Customer AR Debtor Code
42 Customer Cross Ref Acct Number (their Account number for us)
43 Customer Name
44 Customer Tax No
45 Customer Tax No Date
46,n Customer Billing Address
47 8-digit Invoice No
48 4-digit Invoice Year
49 2-digit Invoice Year
71 Tax Date Range
72 Signatory: name
73 Signatory: Position / Title
74 Rate: FX Conversion for TAX (incl decimals, to display as text label)
75 Rate: FX Conversion for P&L (incl decimals, to display as text label)
76 Customer Order Number

Make a copy - [Text Copy](#)

Search Phrase

Search the IES web on-line documentation
by typing a phrase, then choose "search".

[Search](#)

Doc Key: dds-layout-05

Slide notes