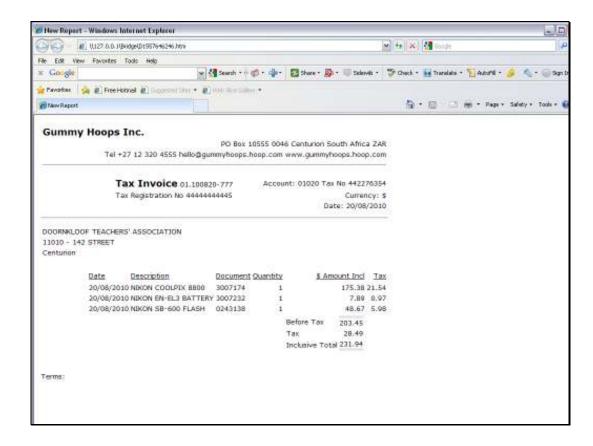
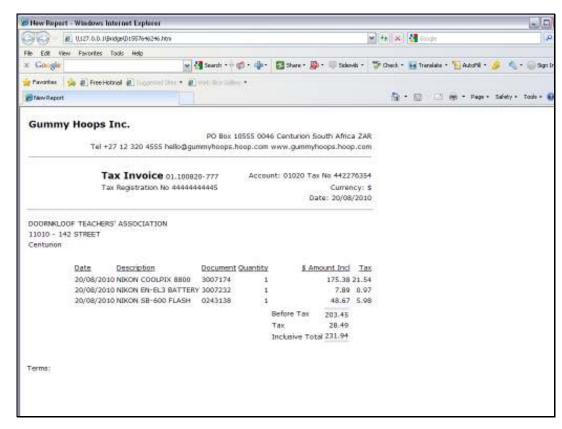
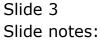
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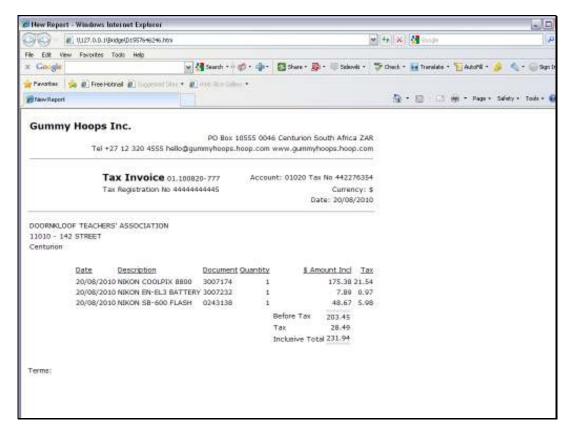
Slide notes: This is an example of an Invoice. On this Invoice, we use a UNIT to display the Line Items on the Invoice, and in the Unit, we use the 'Numeric Iteration' Template for some of the Values.



Slide notes: The Quantity, Amount & Tax columns all use this kind of Template.











Slide 5 Slide notes: Our example is based on a Retail Invoice Report.

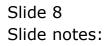
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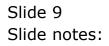
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Slide notes: Here we see the Tag in the main Document that calls the Unit.

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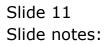
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Slide notes: We note also that this type of Unit Call is based on a Data Source, and for this type of Unit the Data Source is often 'docwritespre', i.e. with a pre-prepared record specifically for the Report.

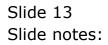
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Slide notes: Here we can see the Data Source listed.

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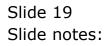
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Slide notes: From the Metadata, we can retrieve the Data Source Layout.

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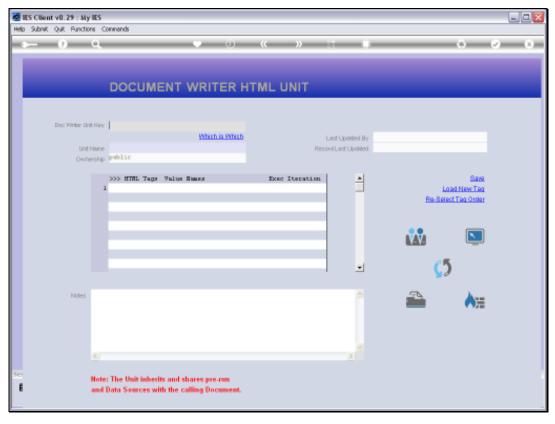
Slide notes: We will connect the Tags back to this Layout, to understand where we get the answers from.

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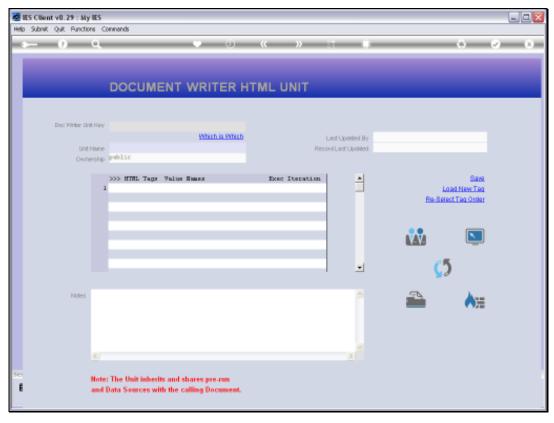


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Slide 20 Slide notes:



Slide 21 Slide notes:



Slide 22 Slide notes:

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Slide notes: This is our Unit example for this Report. In fact, even the Date column uses the 'Numeric Iteration' Template.

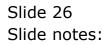
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Slide notes: Of course, the Date in this case is available in internal format, i.e. a number, and we can see at the Display Mask field that we use a Display Mask to turn it into a Date presentation.

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Slide notes: And the actual Data that is used for the answer is of course an iterative Value from field number 1.

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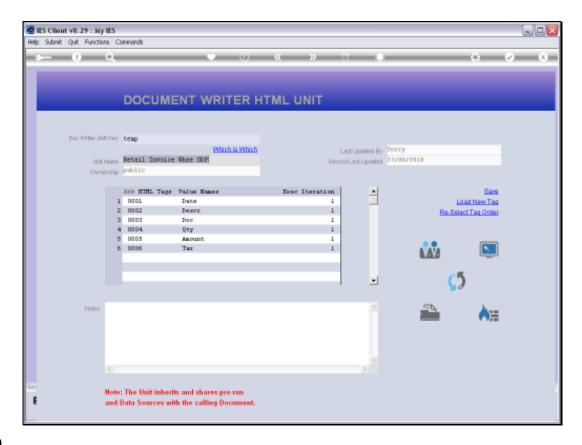


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1,n kount (inclusive) 4,n line Tax 7,n kount (scourt kat 9,n Serial / Each Ho 10,n Delivery Note Rusher 11 Delivery Note Rusher 12,n Asount (inclusive) 13,n Delivery Note Rusher 13,n Delivery Note Rusher 14,n Delivery Note Rusher 15,n Asount (inclusive) 15,n Asount (scolurive) 15,n Asount (scolurive) 15,n Asount (scolurive) 15,n Asount (scolurive) 16,n Invoice Total scoluriny 17 Totals in Invoice Total scoluring Tax 10 Tovoice Total scoluring Tax 11 Invoice Total scoluring Tax 12 Tovoice Total scoluring Tax 13 Tovoice Total scoluring Tax 14 Tovoice Total scoluring Tax 15 Prepaid Asount or Deposit	calling Docume RETAL-INF-COME then the data Field f Transaction Li 1,n 2,n 3,n	<pre>noc Writer. If this report [SETAIL-INV-COMBOE. Def, ENTAIL-INV-COMBO.FN-B; if re-servated as a modified version (swap), layout may be accessed as follows: - </pre>
ime lime Tar 7,n kacount (scolurive) 9,n Serial / Each No 9,n Serial / Each No 10,n Delivery Note Number Transaction Line Detail (sulti value3), Local Currency El,n E2,n Line Tar E3,n Amount (scolurive) E2,n Line Tar E3,n Amount (scolurive) E4,n Line Detail or Fores Totals in Invoice Currency e.g. Local or Fores 20 Invoice Total exclusing Tar 21 Invoice Total including Tar 22 Tovoice Total exclusing Tar 23 Foroice Total exclusing Tar 24 Tovoice Total exclusing Tar 25 Frequid Amount or Deportit		
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Slide notes: And in the Data Layout for the Transaction Lines, we can see that the Date is available from Field number 1.

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2.n	Description
3,n	Item Code
4,6	quantity
5,n	Anount (inclusive)
6.n	line Tar
7,n	Anount (exclusive)
9,n	line Discount Ant
9,n	Serial / Batch No
10,n	Delivery Note Number
Transaction Lin	ne Detail (multi valueš), Local Currency
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50.n	Amount (exclusive)
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Slide 28 Slide notes:



Slide notes: Let's look at the Amount example.

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Slide 30 Slide notes:

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Slide notes: For the Amount, we also use a Display Mask, and this time a type that we commonly use for Financial Values.

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Slide notes: The answer comes from Data Field number 5.

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	cice Data are pre-formatted to a 'docuriterpre' cource record before
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	D-FX, MFALL-LW-CURD-FX-F) is re-created as a homified defined (stap), Layout may be accessed as follow: -
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2, 8	Description
a,n	Item Code
4,6	Quantity
5,n	Anount (inclusive)
6,n	line Tax
7,a	Anount (exclusive)
9,n	line Discount Ant
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Transaction Li	ne Detail (multi valued), Local Currency
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21	Invoice Total Tas
22	Invoice Total including Tax
65	Frepaid Amount or Deposit
Totals in Loca	1 Currency
61	Invoice Total excluding Tax
62	Invoice Total Tax
63	Invoice Total including Tax
64	Prepaid Amount or Deport
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Slide 33 Slide notes: We can see this in the Data Layout also.

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1,n	Transaction Date
2,n	Description
3,n	Item Code
4,11	Quartity
5.n	Amount (inclusive)
6.8	Line Tax
7.a	Amount (exclusive)
9,8	Line Discount And
9.n	Serial / Batch Ho
10,n	Delivery Mote Number
Transaction Liv	ne Detail (multi valueŭ), Local Currency
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\$2,n	line Tax
\$3,n	Anorant (exclusive)
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21	Invoice Total Tax
22	Invoice Total including Tax
65	Frepaid Amount or Deposit
Totals in Local	1 Currency
61	Invoice Total excluding Tax
62	Invoice Total Tag
63	Invoice Total including Tax
64	Prepaid Amount or Deposit
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Slide 34 Slide notes:

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Slide notes: And with all of these Templates, we accumulate the Iteration Value into an Accumulator, so that if we need a Total for the Column on the Report then we can get it from the Accumulator.

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Slide notes: This Template is ALWAYS used with a Data Source Record where the Unit is based on an included Data Set where a number of Fields have correlated multi or iterative Values.