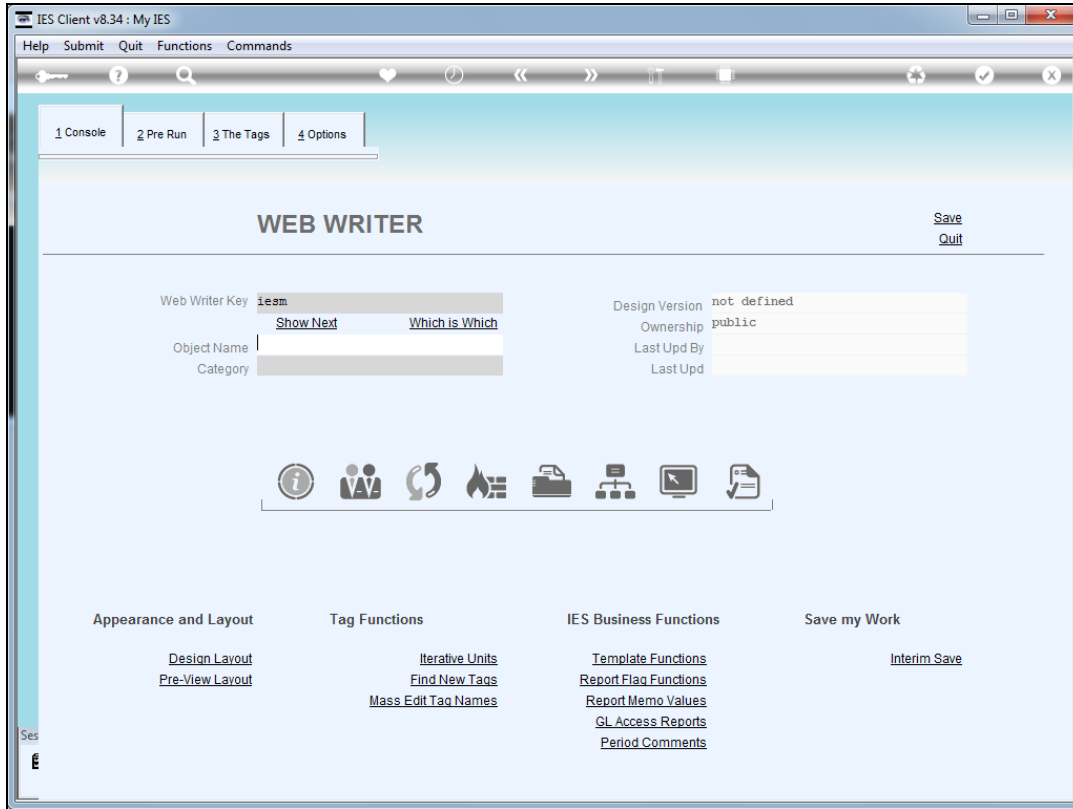
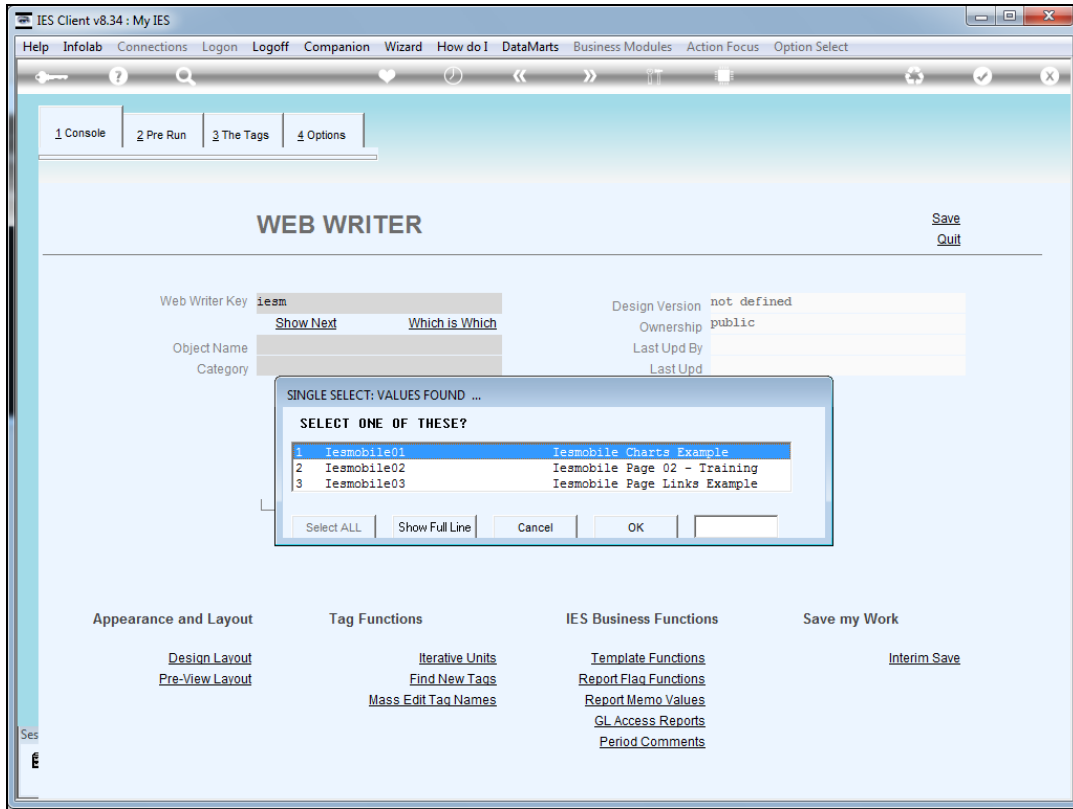


Slide 1

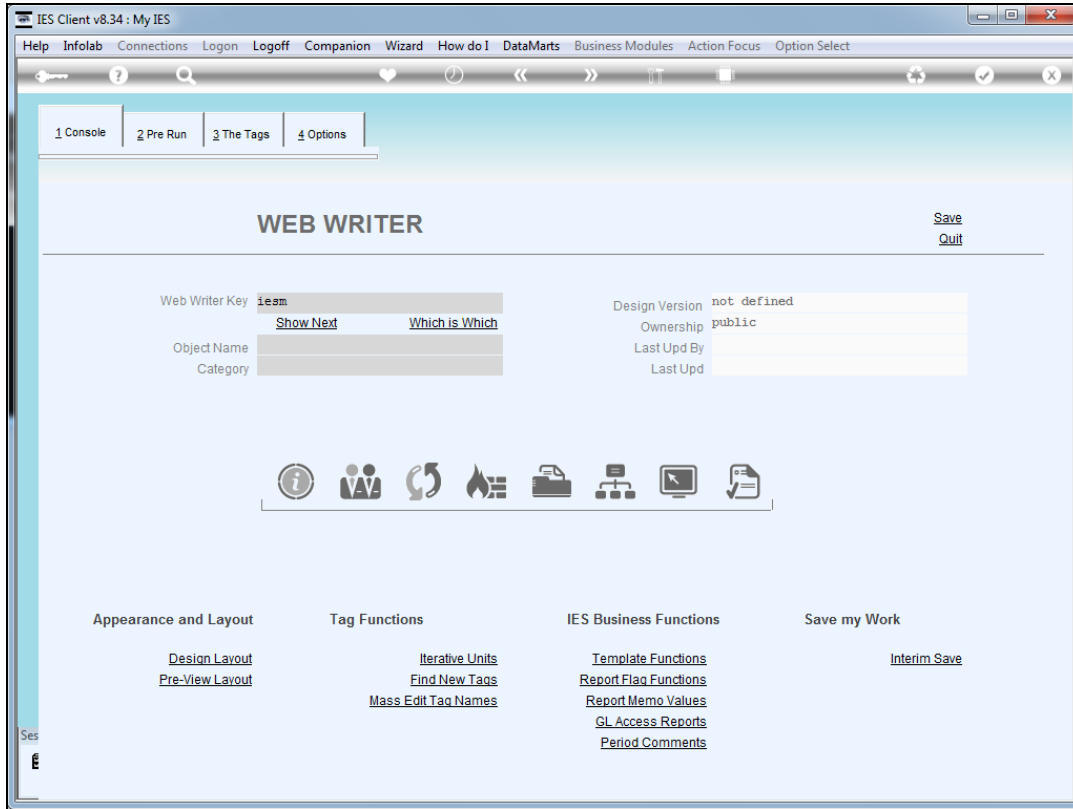
Slide notes: The runtime record comprises a set of values that may be accessed by the Tags to derive their own values. With Web Writer and iesMobile there is no option for a pre run Screen, but there is still a way to define the default values for the runtime record.



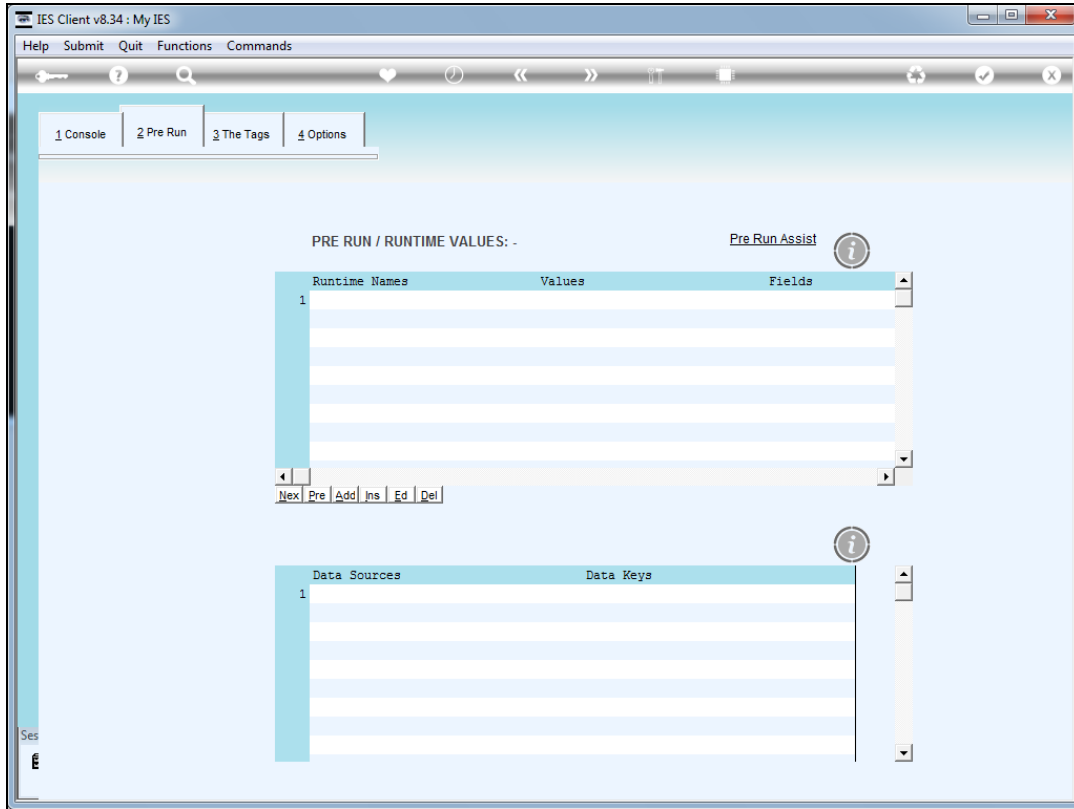
Slide 2
Slide notes:



Slide 3
Slide notes:

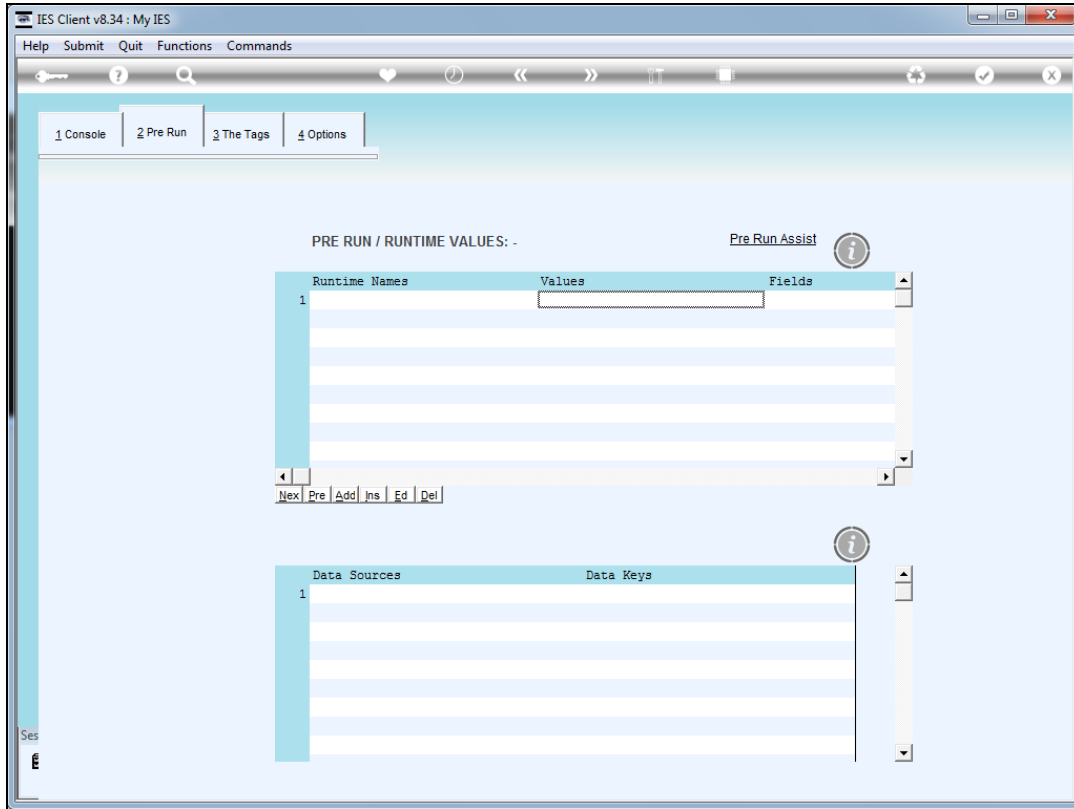


Slide 4
Slide notes:

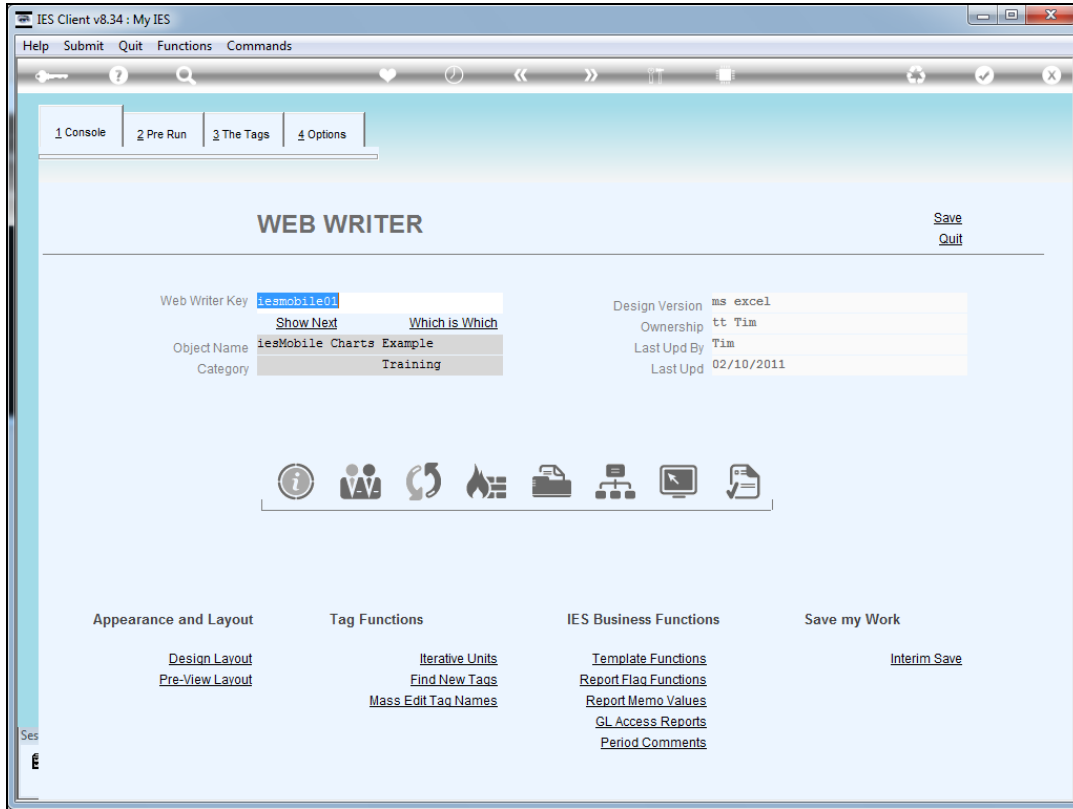


Slide 5

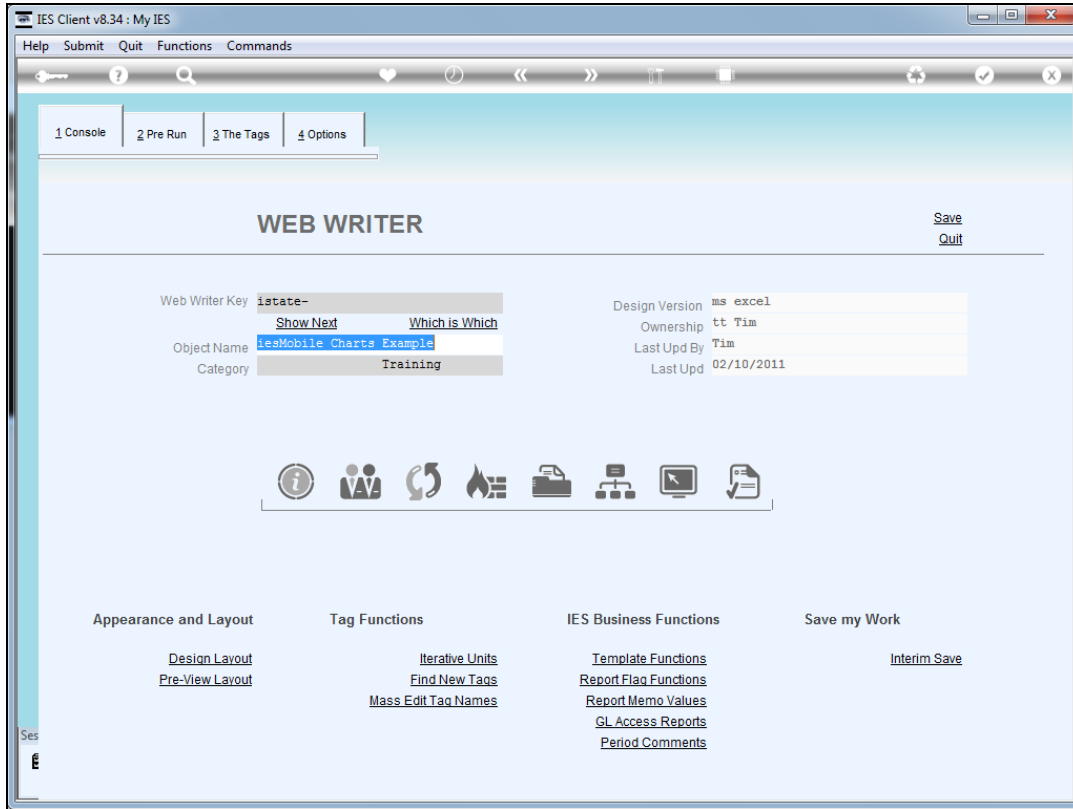
Slide notes: That is not to say that each and every Web Writer page will use runtime values. As we can see in this example, there are no runtime values specified.



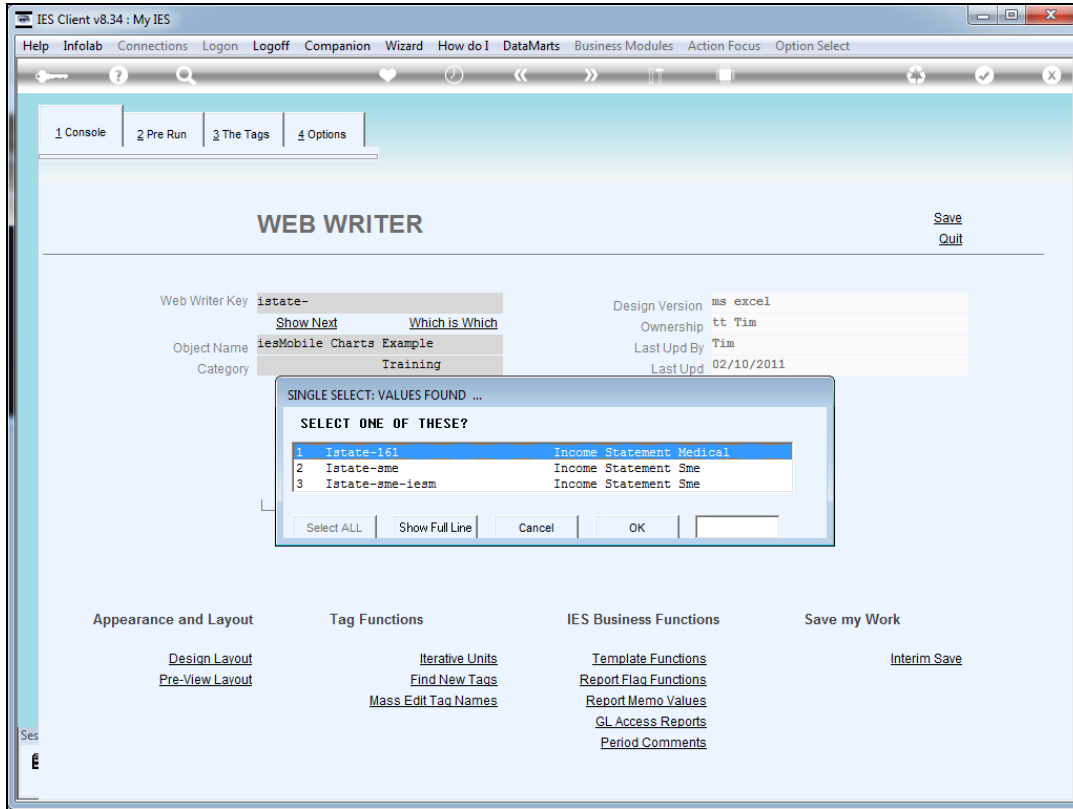
Slide 6
Slide notes:



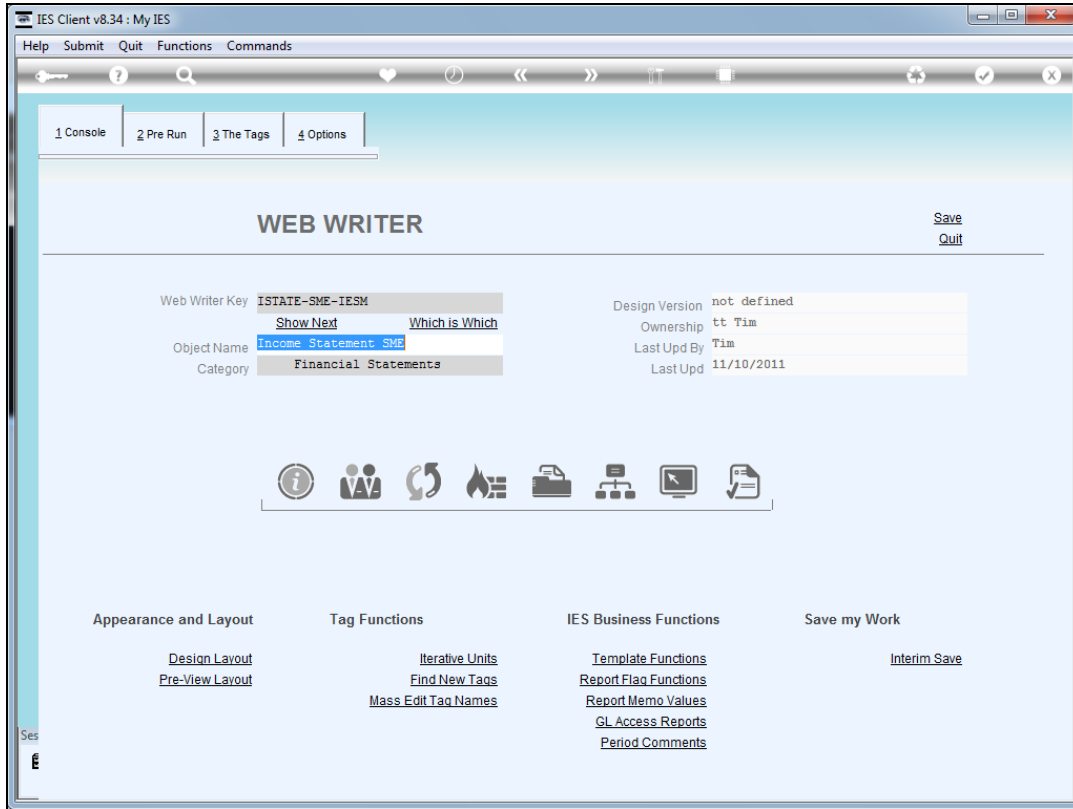
Slide 7
Slide notes:



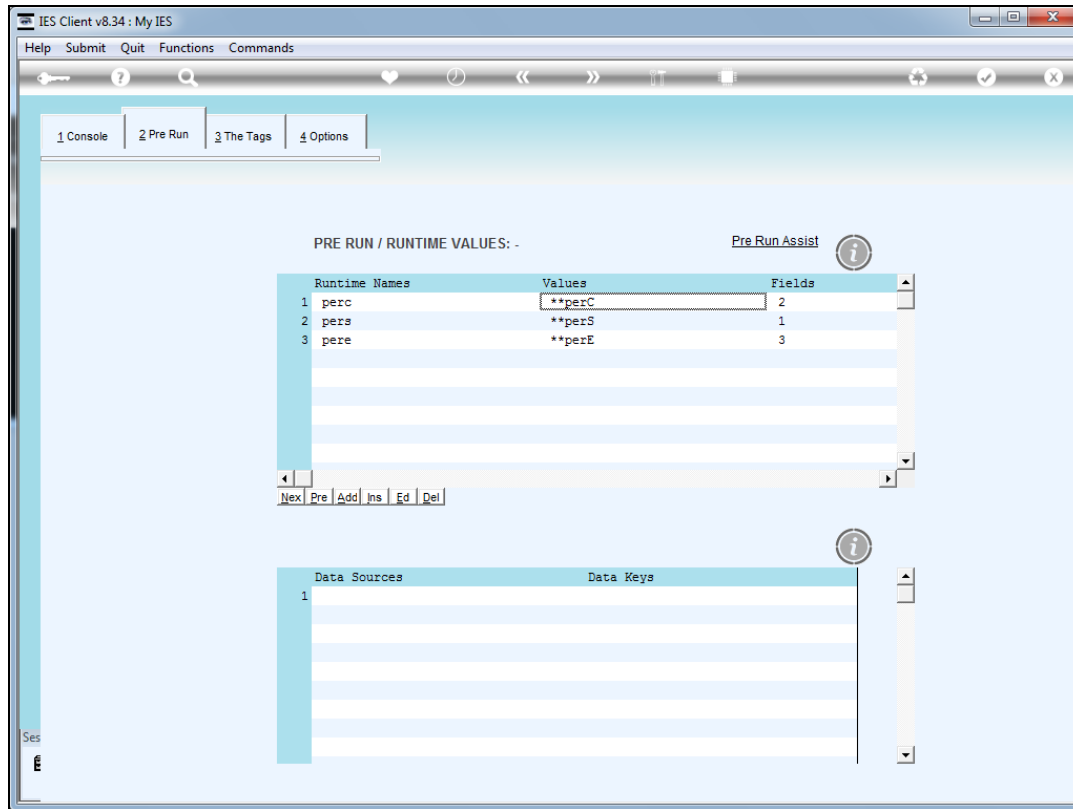
Slide 8
Slide notes:



Slide 9
Slide notes:

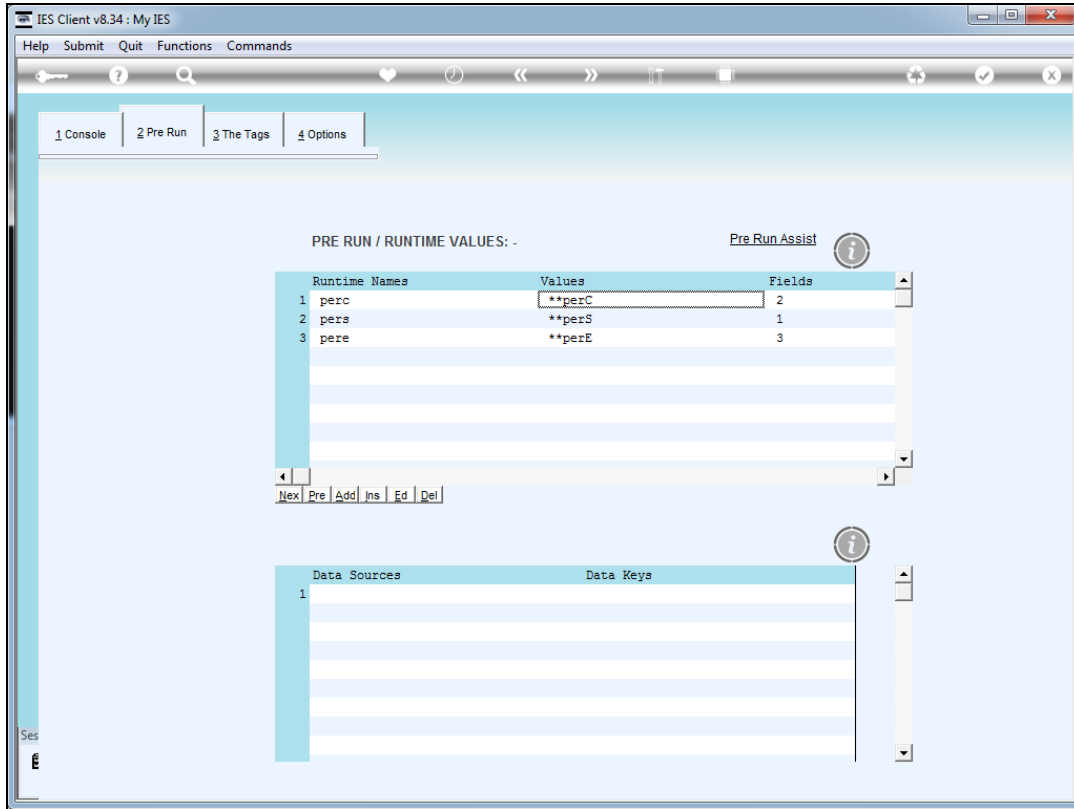


Slide 10
Slide notes:

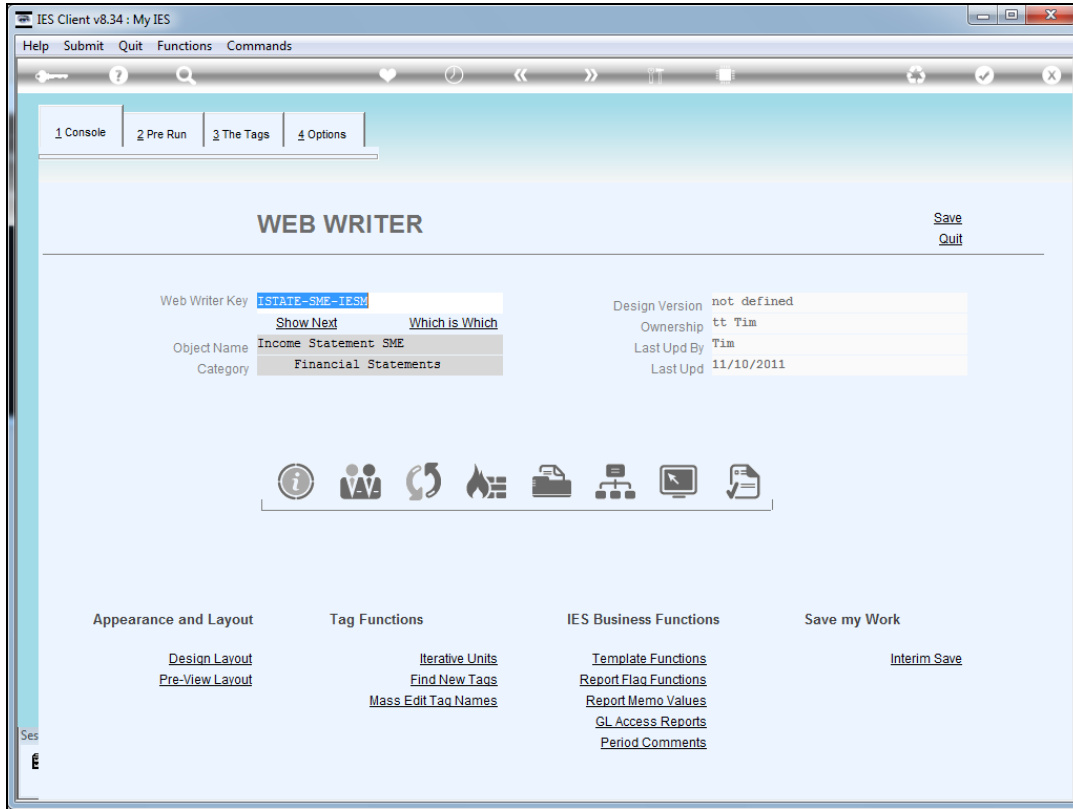


Slide 11

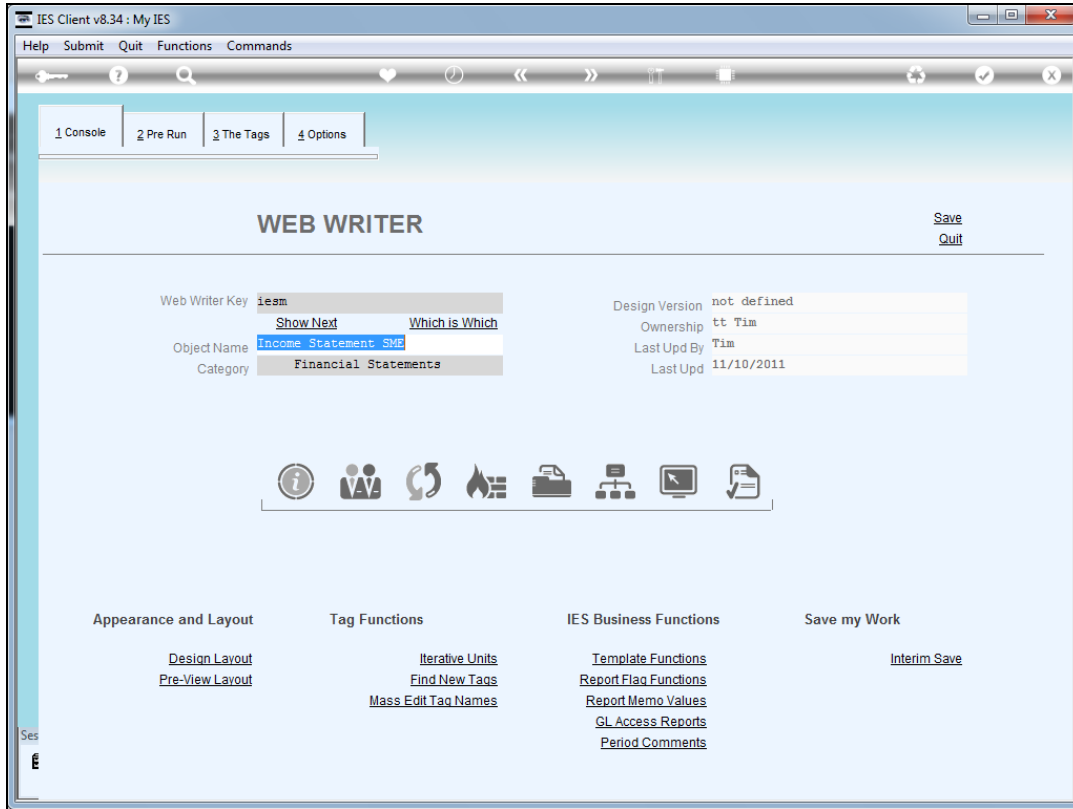
Slide notes: Whereas in this case, the page is an Income Statement, and Financial Report pages will usually use at least Period Names and Values, as we see in this example.



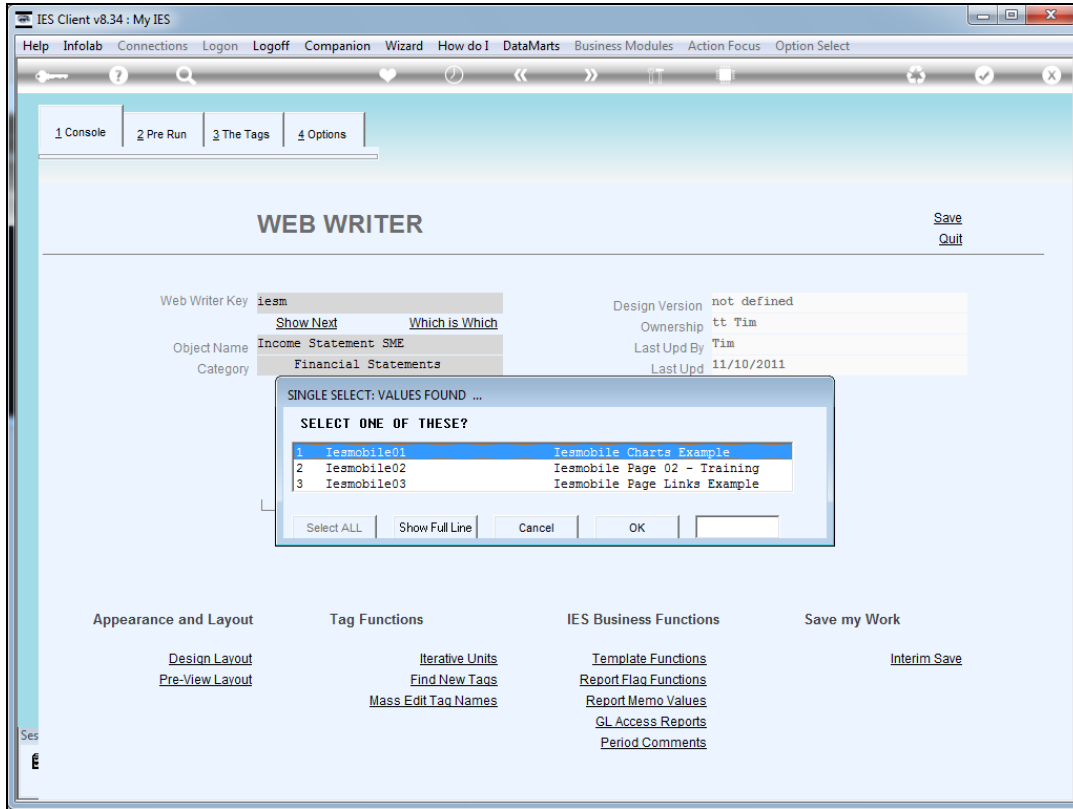
Slide 12
Slide notes:



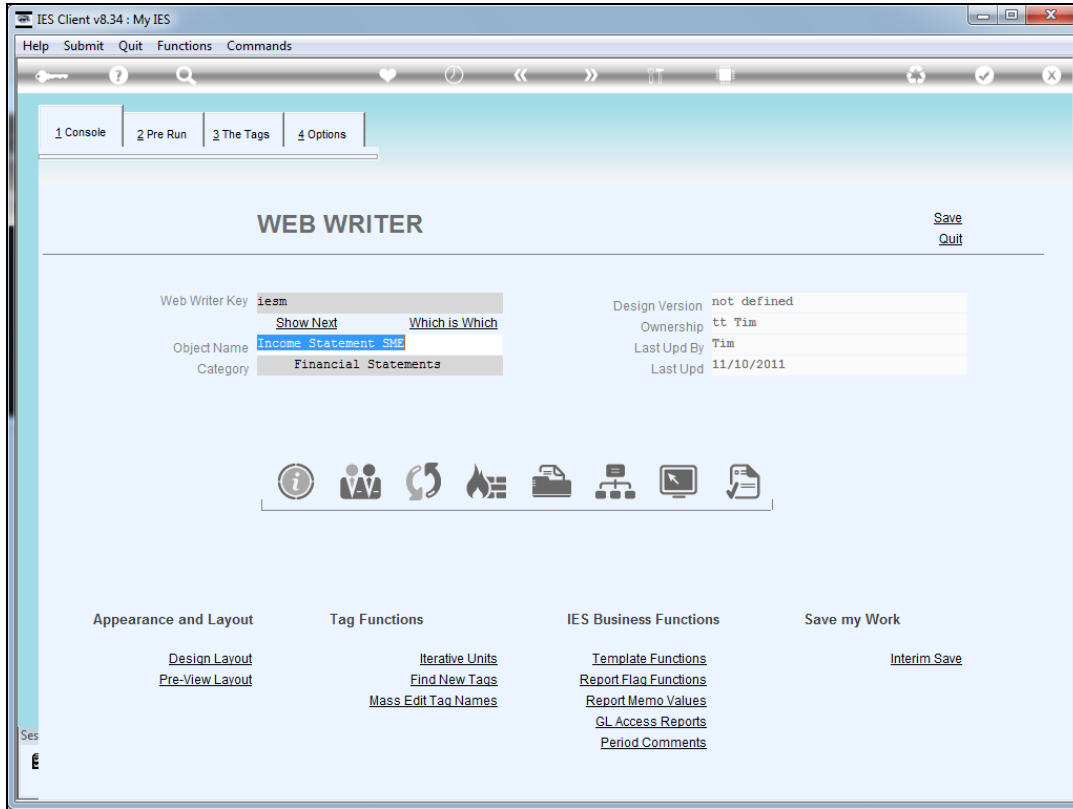
Slide 13
Slide notes:



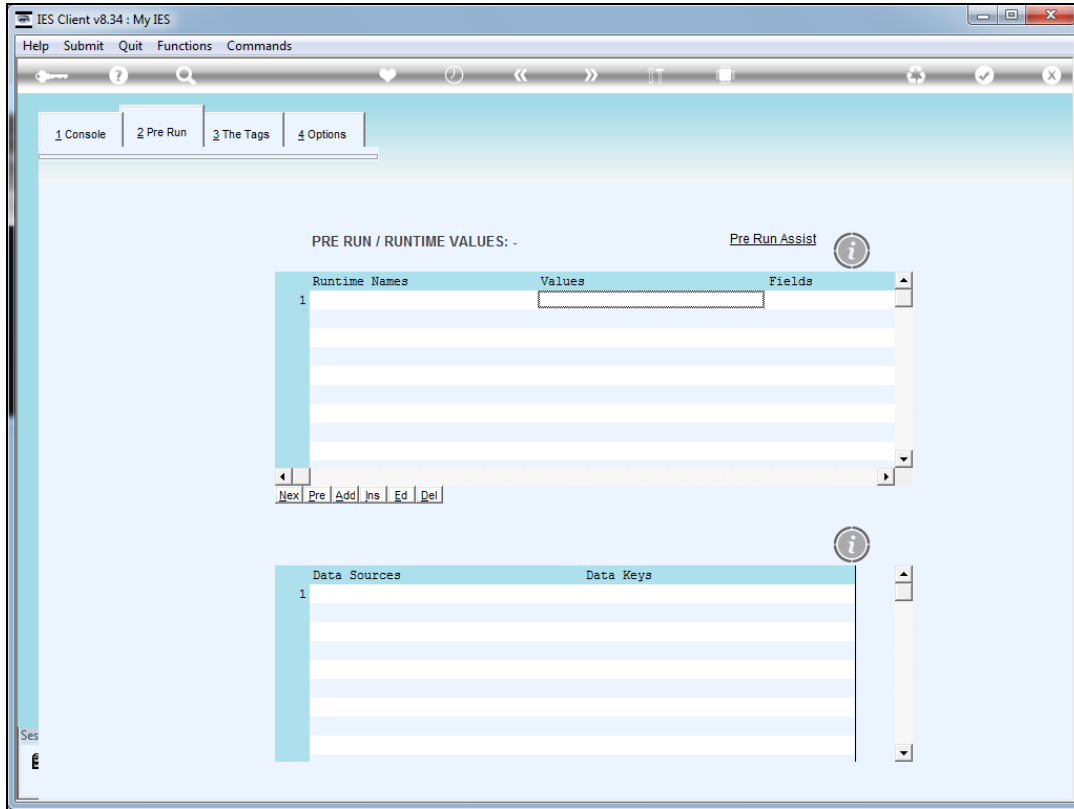
Slide 14
Slide notes:



Slide 15
Slide notes:

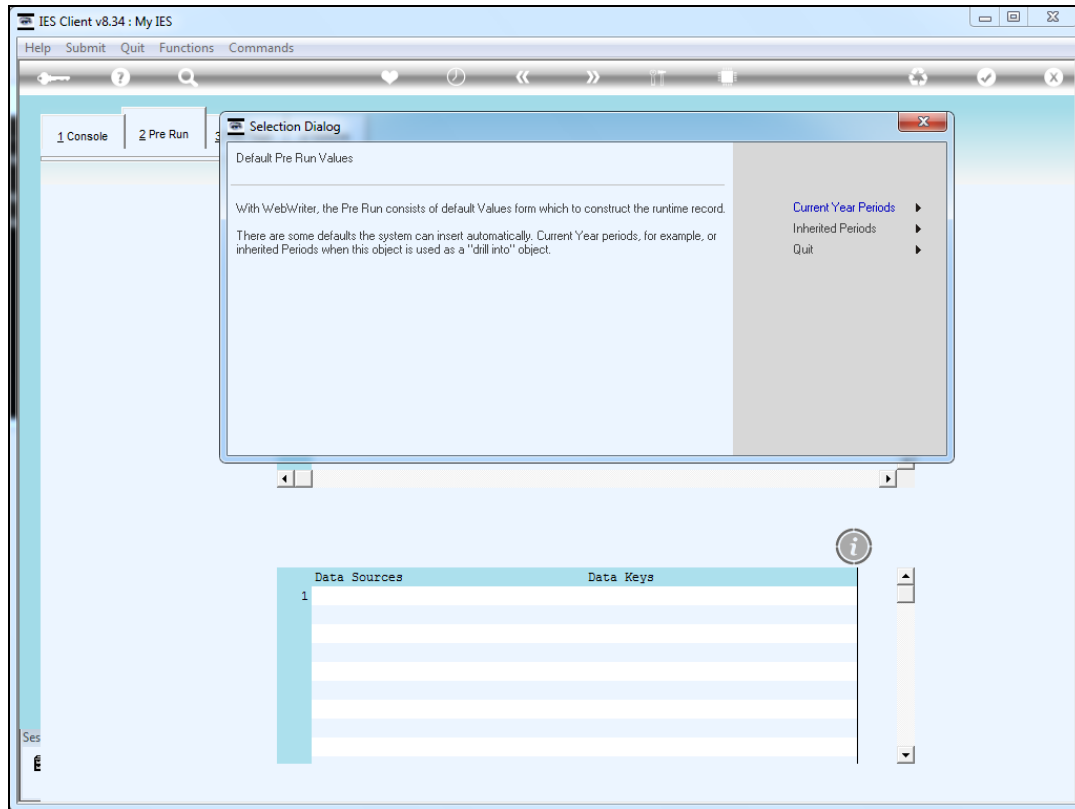


Slide 16
Slide notes:



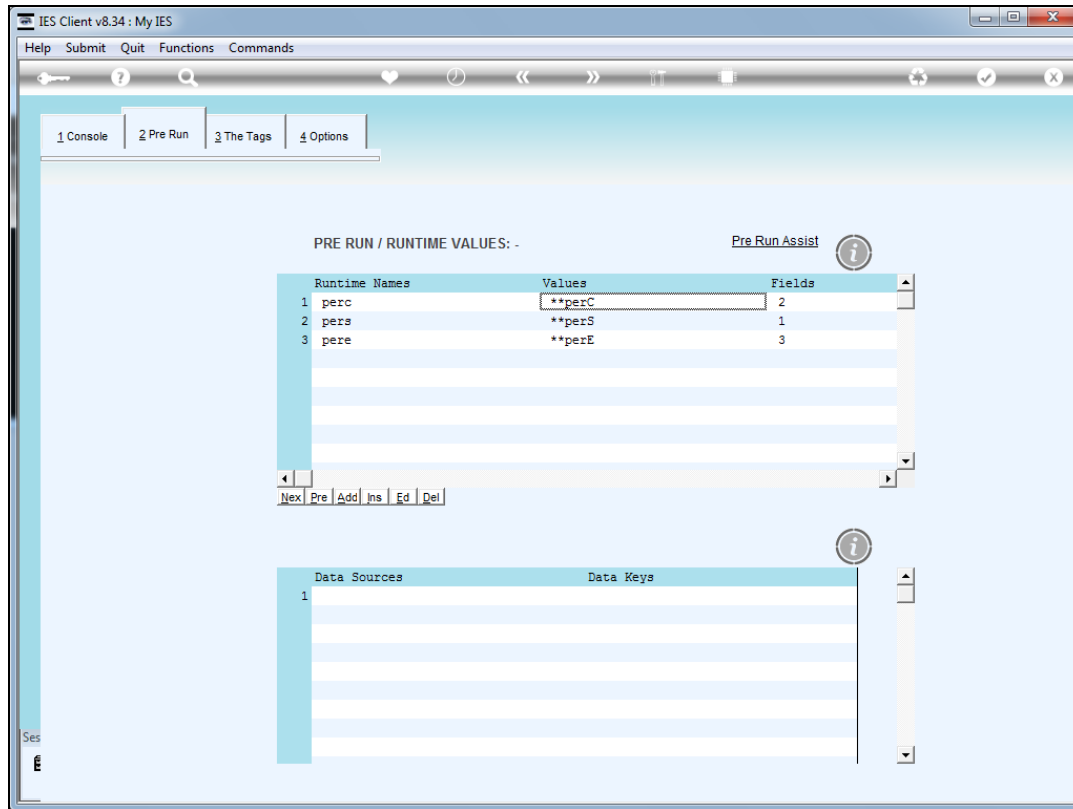
Slide 17

Slide notes: Web Writer offers a 'Pre Run Assist' option to insert the most common Names that are used.



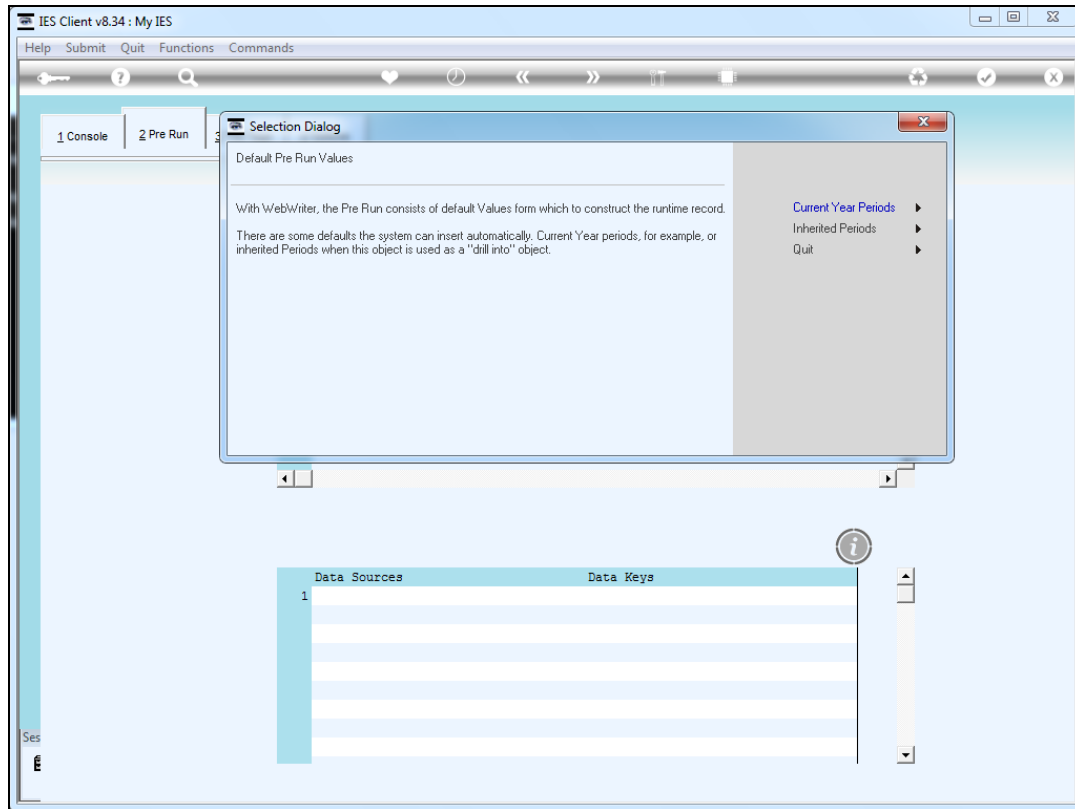
Slide 18

Slide notes: There is an option to insert Names and default Values for Current Period settings, and also for inherited Period Settings.



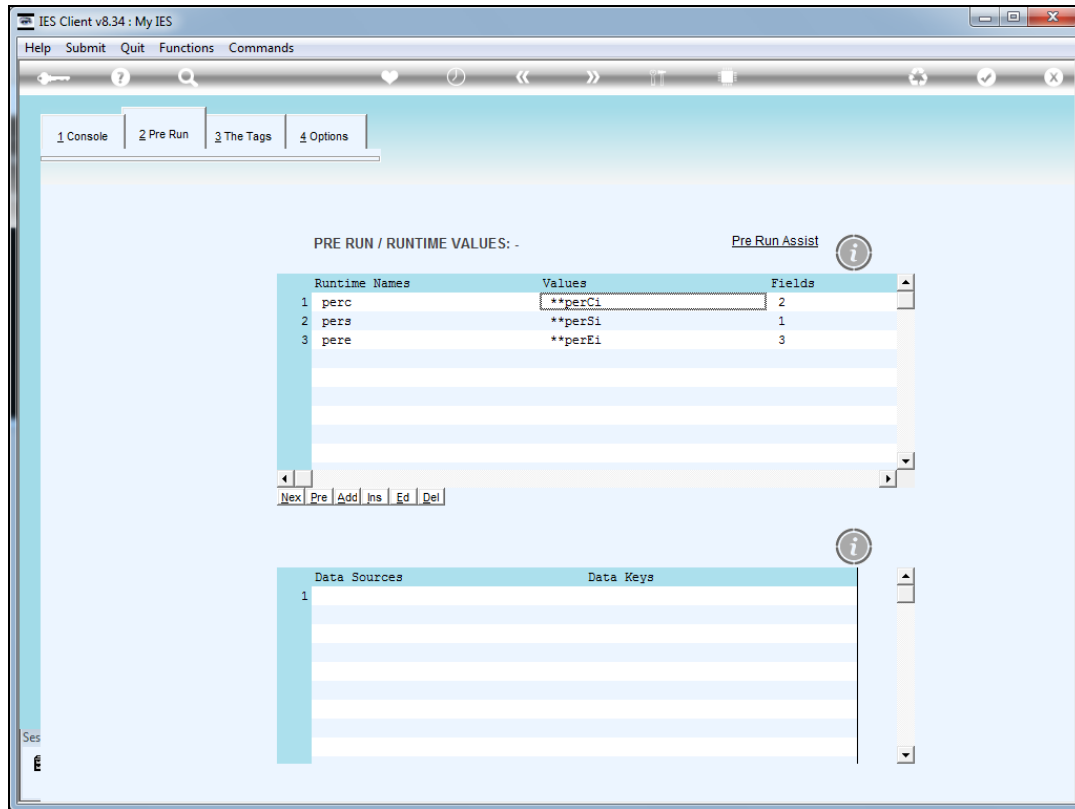
Slide 19

Slide notes: Notice that the 'Pre Run Assist' will insert Period Names, and Values, and Field Numbers. The Names are the standard Names we use for Periods, although these Names are not forced, and the Values are currently set for 'Current Period Settings' as we will see in a moment. Notice that the Field Numbers that are inserted are in sync with Period fields usually used on DOCWRITESPRE, as with Doc Writer as well.



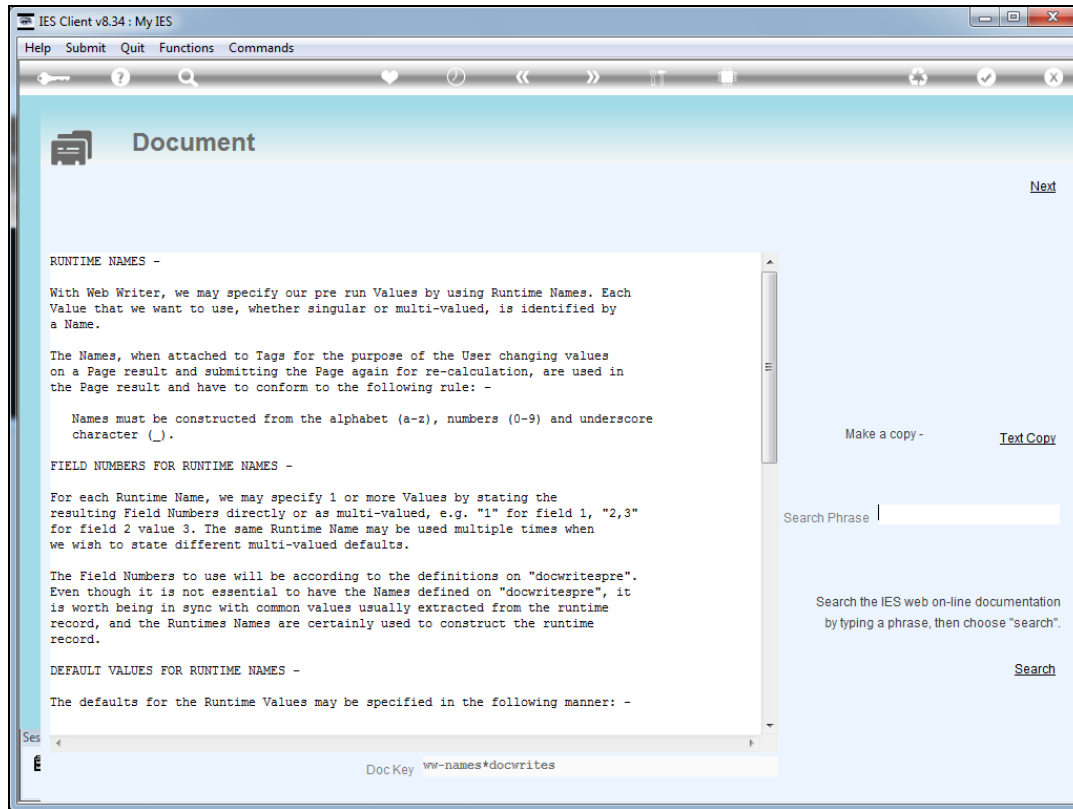
Slide 20

Slide notes: When we choose the 'inherit' option, the Names and Field Numbers will be the same, but the default Values will be different.



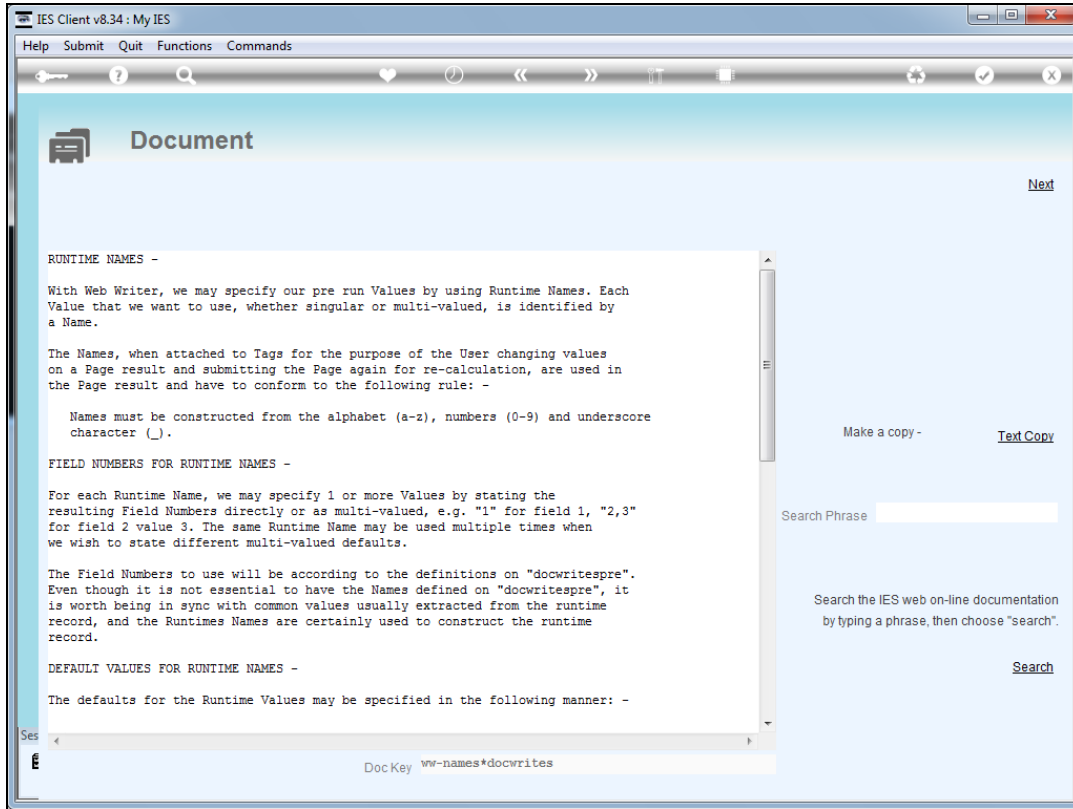
Slide 21

Slide notes: Inherited Period settings are often used for drilling. For example, on the Income Statement, the User may have already selected a Period choice, and when the User drills from the Report through to some Accounts, then the Period settings may be inherited by the next Page so that they are the same as for the original Page.



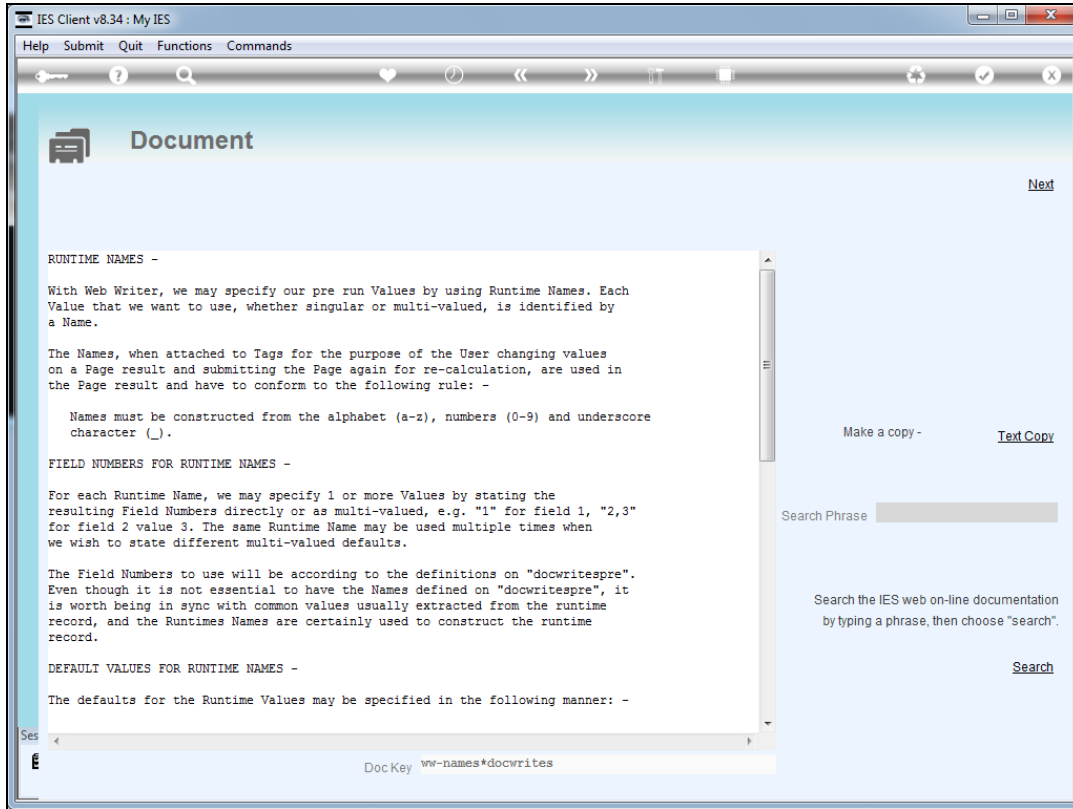
Slide 22

Slide notes: Now let us have a look at the Help, which explains all of this.

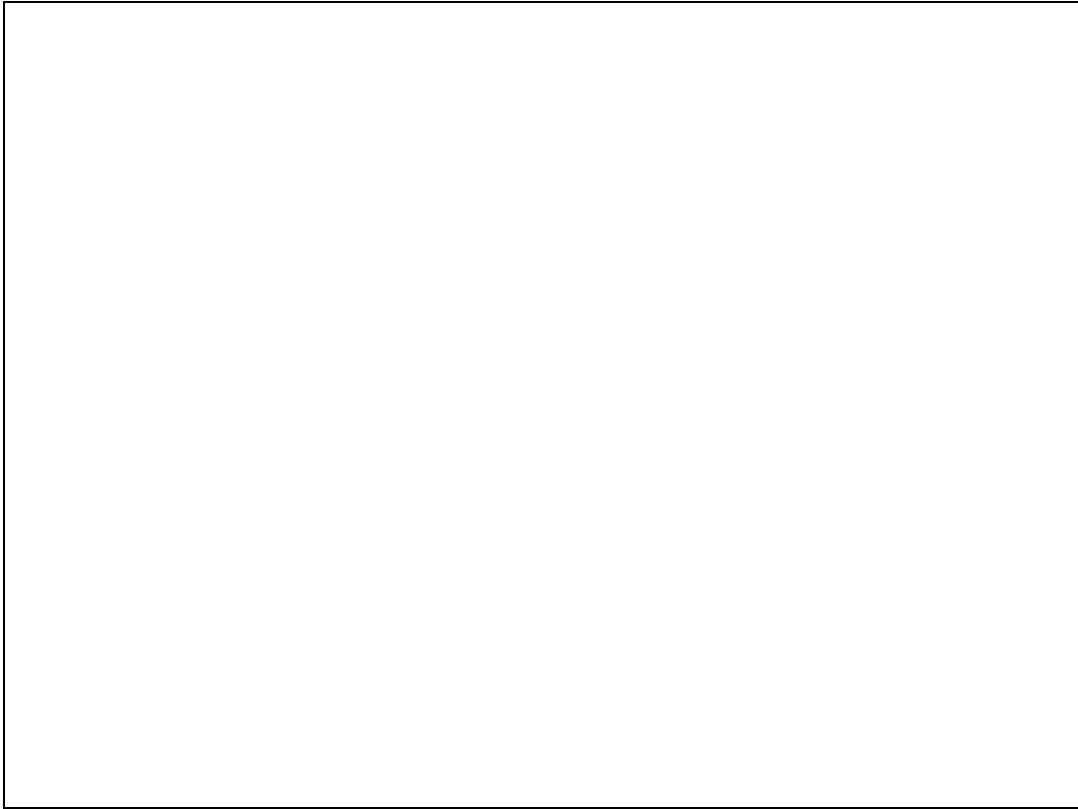


Slide 23

Slide notes: With Web Writer, as explained, we can use Names that are constructed from the alpha and number characters, and the underscore character.

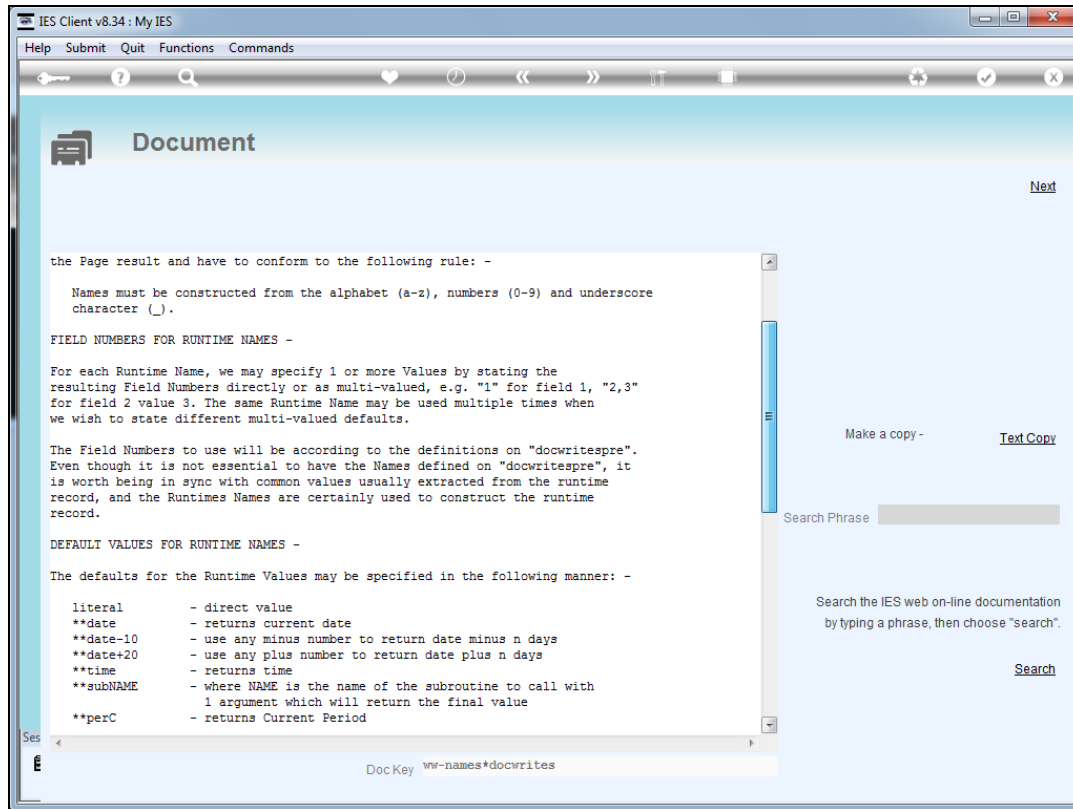


Slide 24
Slide notes:

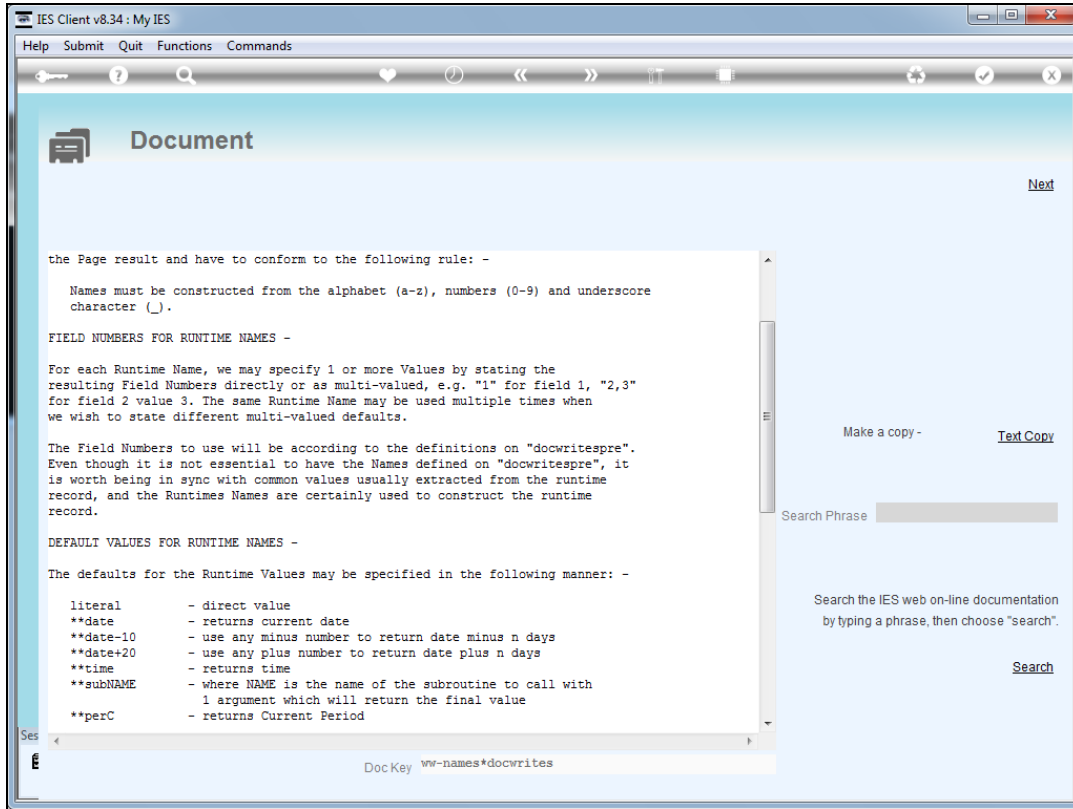


Slide 25

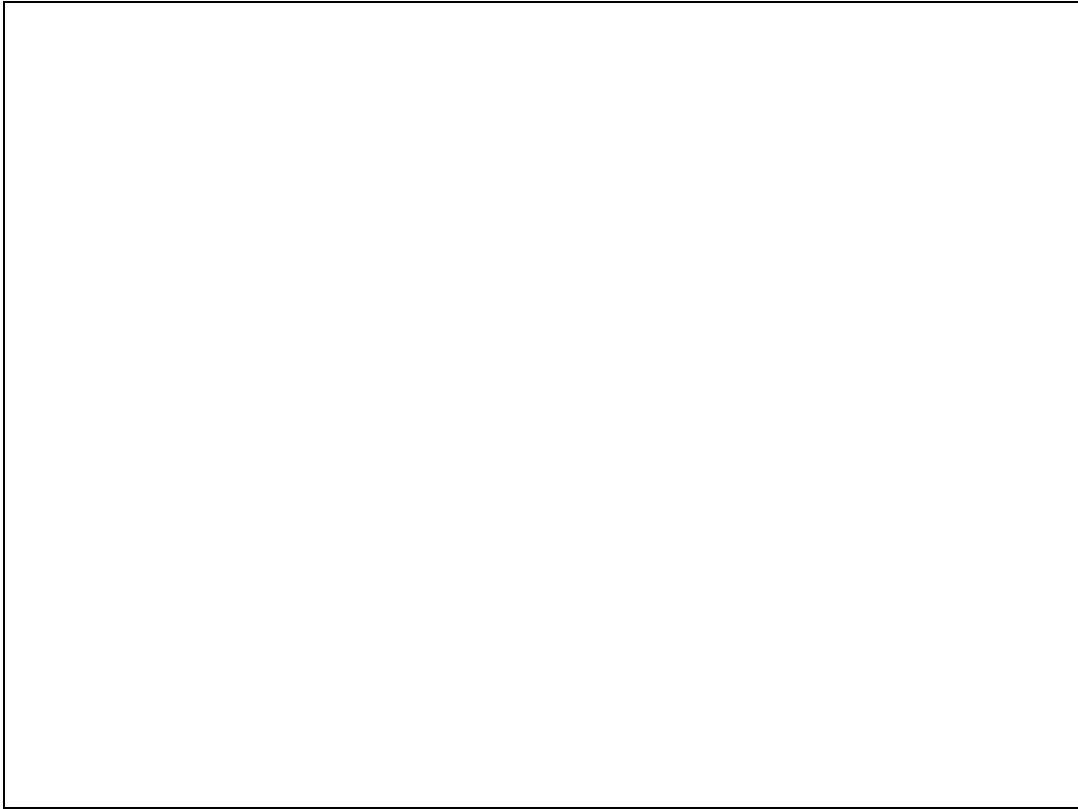
Slide notes: We need to list which field numbers on the runtime record should be updated with the value derived for each listed Name.



Slide 26
Slide notes:



Slide 27
Slide notes:



Slide 28

Slide notes: The default Values to be used can be specified as shown here.

record.

DEFAULT VALUES FOR RUNTIME NAMES -

The defaults for the Runtime Values may be specified in the following manner: -

literal	- direct value
**date	- returns current date
**date-10	- use any minus number to return date minus n days
**date+20	- use any plus number to return date plus n days
**time	- returns time
**subNAME	- where NAME is the name of the subroutine to call with 1 argument which will return the final value
**perC	- returns Current Period
**perC-1	- use any minus number to return Current Period minus n Periods
**perC+2	- use any plus number to return Current Period plus n Periods
**perCi	- to inherit the Current Period from a 'drill from' page
**perS	- returns Period for Start of Year
**perS-3	- returns Period for Start of Year - n Periods
**perS+3	- returns Period for Start of Year + n Periods
**perSi	- to inherit the Start Period from a 'drill from' page
**perE	- returns Period for End of Year
**perE-6	- returns Period for End of Year - n Periods
**perE+6	- returns Period for End of Year + n Periods
**perEi	- to inherit the End Period from a 'drill from' page

CHANGE TO RUNTIME NAME VALUES -

The Runtime Names may be and often are, also attached to some dashboard or other Tags that the User may change to a different value at Runtime, i.e. on a Page

Doc Key ww-names*docwrites

Slide 29

Slide notes: Period Names are the most common Names used, but any others are allowed.

IES Client v8.34: My IES

Help Submit Quit Functions Commands

Document

[Next](#)

record.

DEFAULT VALUES FOR RUNTIME NAMES -

The defaults for the Runtime Values may be specified in the following manner: -

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**date	- returns current date
**date-10	- use any minus number to return date minus n days
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**time	- returns time
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**perC	- returns Current Period
**perC-1	- use any minus number to return Current Period minus n Periods
**perC+2	- use any plus number to return Current Period plus n Periods
**perCi	- to inherit the Current Period from a 'drill from' page
**perS	- returns Period for Start of Year
**perS-3	- returns Period for Start of Year - n Periods
**perS+3	- returns Period for Start of Year + n Periods
**perSi	- to inherit the Start Period from a 'drill from' page
**perE	- returns Period for End of Year
**perE-6	- returns Period for End of Year - n Periods
**perE+6	- returns Period for End of Year + n Periods
**perEi	- to inherit the End Period from a 'drill from' page

CHANGE TO RUNTIME NAME VALUES -

The Runtime Names may be and often are, also attached to some dashboard or other Tags that the User may change to a different value at Runtime, i.e. on a Page

Make a copy - [Text Copy](#)

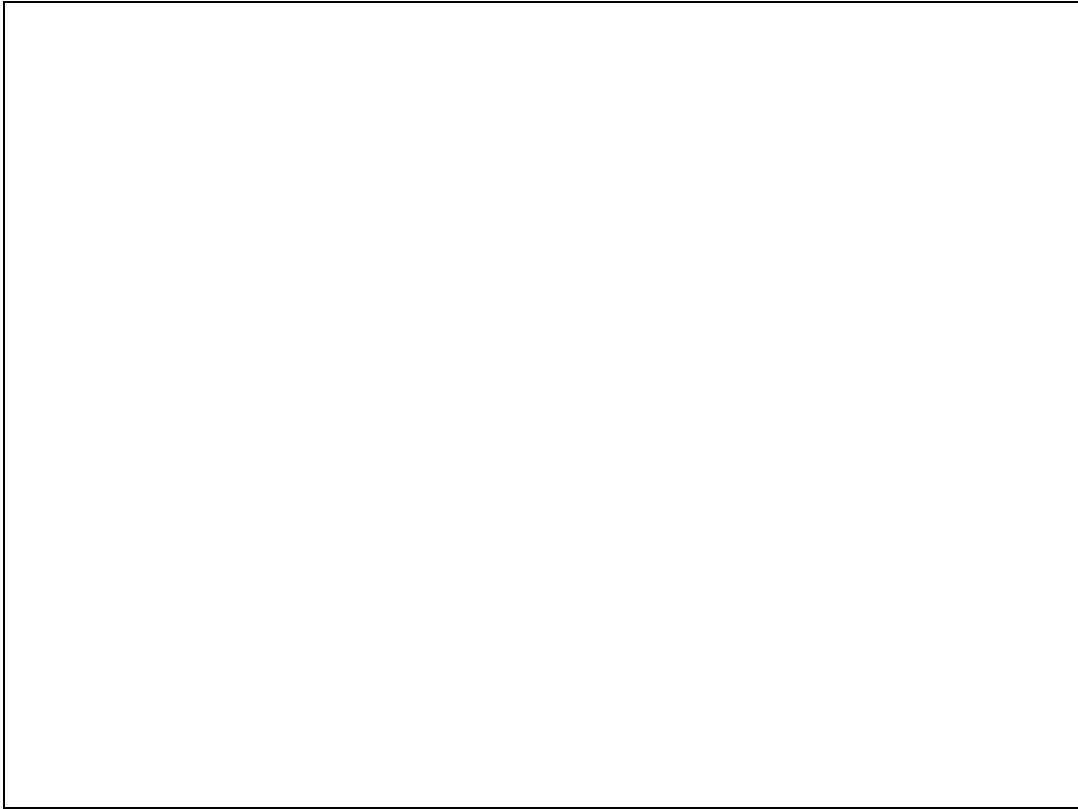
Search Phrase

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

[Search](#)

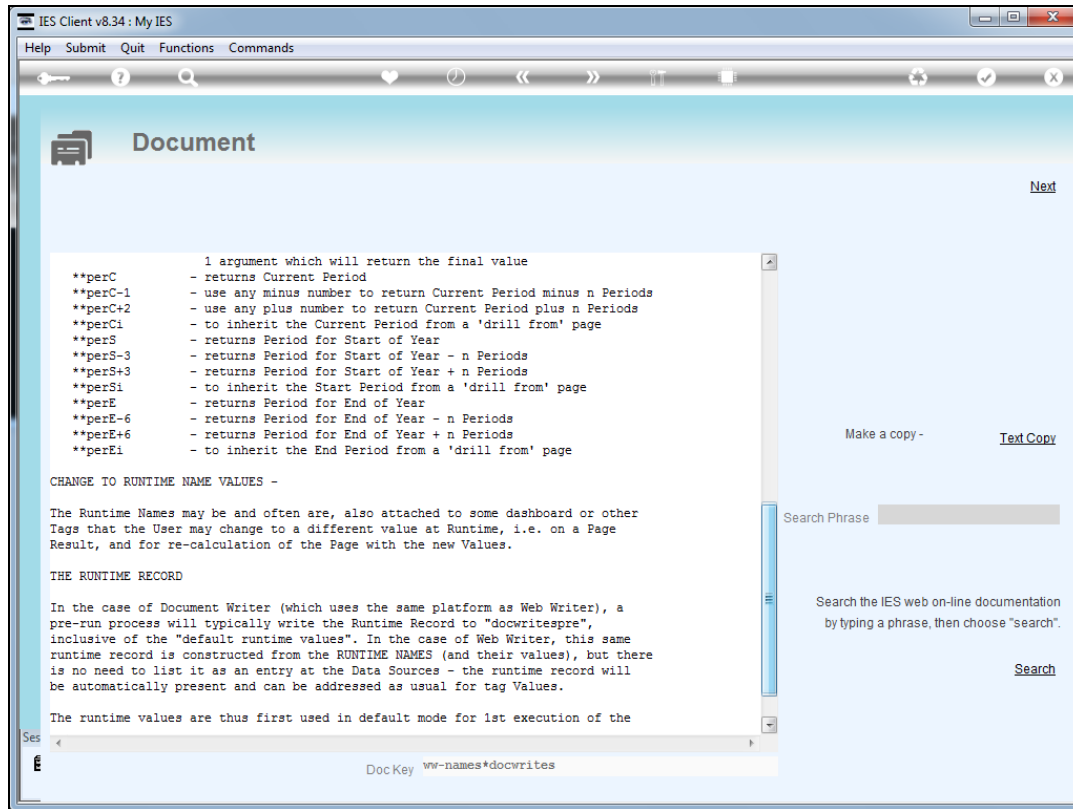
Doc Key ww-names*docwrites

Slide 30
Slide notes:



Slide 31

Slide notes: Runtime Names can be attached to dashboard tags, allowing the User to select a different Value and to re-submit the Page for re-calculation with the new or changed Value set.



The screenshot shows a web browser window titled "IES Client v8.34: My IES". The browser's address bar is empty, and the page content is displayed in a light blue theme. The main content area is titled "Document" and contains the following text:

```
1 argument which will return the final value
**perC - returns Current Period
**perC-1 - use any minus number to return Current Period minus n Periods
**perC+2 - use any plus number to return Current Period plus n Periods
**perCi - to inherit the Current Period from a 'drill from' page
**perS - returns Period for Start of Year
**perS-3 - returns Period for Start of Year - n Periods
**perS+3 - returns Period for Start of Year + n Periods
**perSi - to inherit the Start Period from a 'drill from' page
**perE - returns Period for End of Year
**perE-6 - returns Period for End of Year - n Periods
**perE+6 - returns Period for End of Year + n Periods
**perEi - to inherit the End Period from a 'drill from' page
```

CHANGE TO RUNTIME NAME VALUES -

The Runtime Names may be and often are, also attached to some dashboard or other Tags that the User may change to a different value at Runtime, i.e. on a Page Result, and for re-calculation of the Page with the new Values.

THE RUNTIME RECORD

In the case of Document Writer (which uses the same platform as Web Writer), a pre-run process will typically write the Runtime Record to "docwritespre", inclusive of the "default runtime values". In the case of Web Writer, this same runtime record is constructed from the RUNTIME NAMES (and their values), but there is no need to list it as an entry at the Data Sources - the runtime record will be automatically present and can be addressed as usual for tag Values.

The runtime values are thus first used in default mode for 1st execution of the

On the right side of the page, there is a search bar labeled "Search Phrase" and a "Search" button. Below the search bar, there is a link labeled "Text Copy" and a "Next" link at the top right.

Slide 32
Slide notes:

The screenshot shows a web browser window titled "IES Client v8.34: My IES". The browser's address bar is empty, and the page title is "Document". The main content area displays technical documentation for various period-related functions. The text includes:

```

1 argument which will return the final value
**perC      - returns Current Period
**perC-1    - use any minus number to return Current Period minus n Periods
**perC+2    - use any plus number to return Current Period plus n Periods
**perCi     - to inherit the Current Period from a 'drill from' page
**perS      - returns Period for Start of Year
**perS-3    - returns Period for Start of Year - n Periods
**perS+3    - returns Period for Start of Year + n Periods
**perSi     - to inherit the Start Period from a 'drill from' page
**perE      - returns Period for End of Year
**perE-6    - returns Period for End of Year - n Periods
**perE+6    - returns Period for End of Year + n Periods
**perEi     - to inherit the End Period from a 'drill from' page

```

CHANGE TO RUNTIME NAME VALUES -

The Runtime Names may be and often are, also attached to some dashboard or other Tags that the User may change to a different value at Runtime, i.e. on a Page Result, and for re-calculation of the Page with the new Values.

THE RUNTIME RECORD

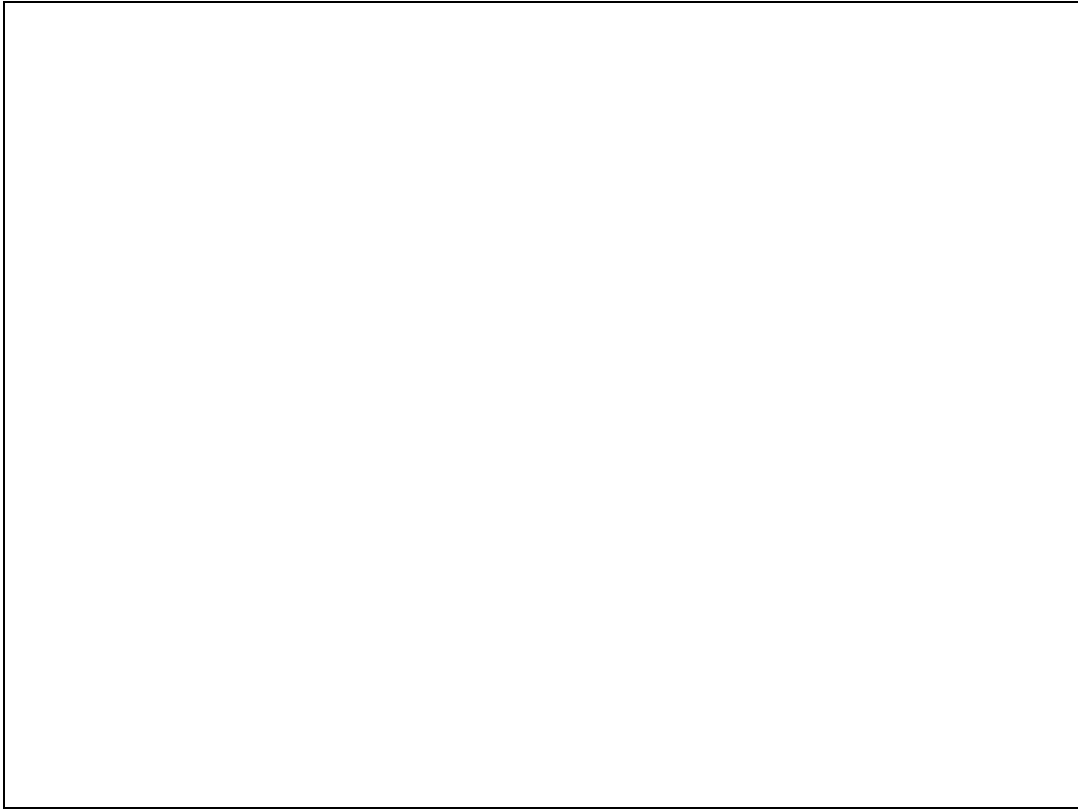
In the case of Document Writer (which uses the same platform as Web Writer), a pre-run process will typically write the Runtime Record to "docwritespre", inclusive of the "default runtime values". In the case of Web Writer, this same runtime record is constructed from the RUNTIME NAMES (and their values), but there is no need to list it as an entry at the Data Sources - the runtime record will be automatically present and can be addressed as usual for tag Values.

The runtime values are thus first used in default mode for 1st execution of the

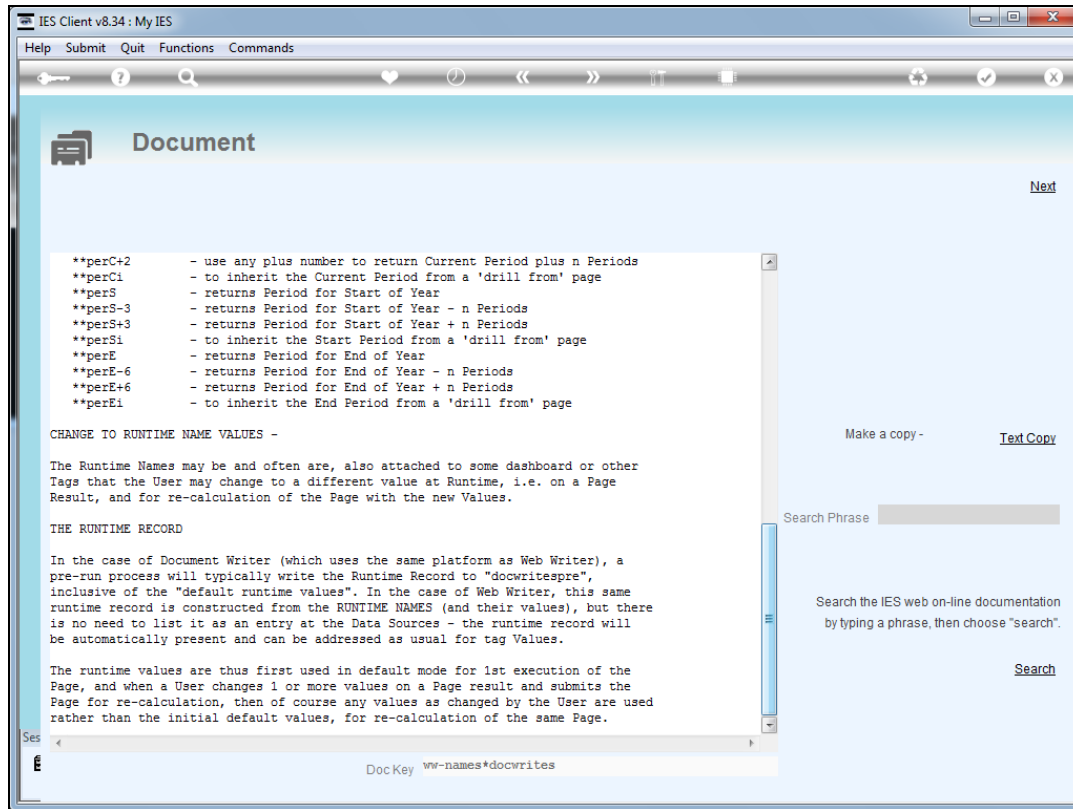
On the right side of the document, there are interactive elements: a "Next" link, a "Make a copy - Text Copy" button, a "Search Phrase" input field, and a "Search" button. Below the search field, there is a search instruction: "Search the IES web on-line documentation by typing a phrase, then choose 'search'."

At the bottom of the browser window, the status bar shows "Doc Key ww-names*docwrites".

Slide 33
Slide notes:

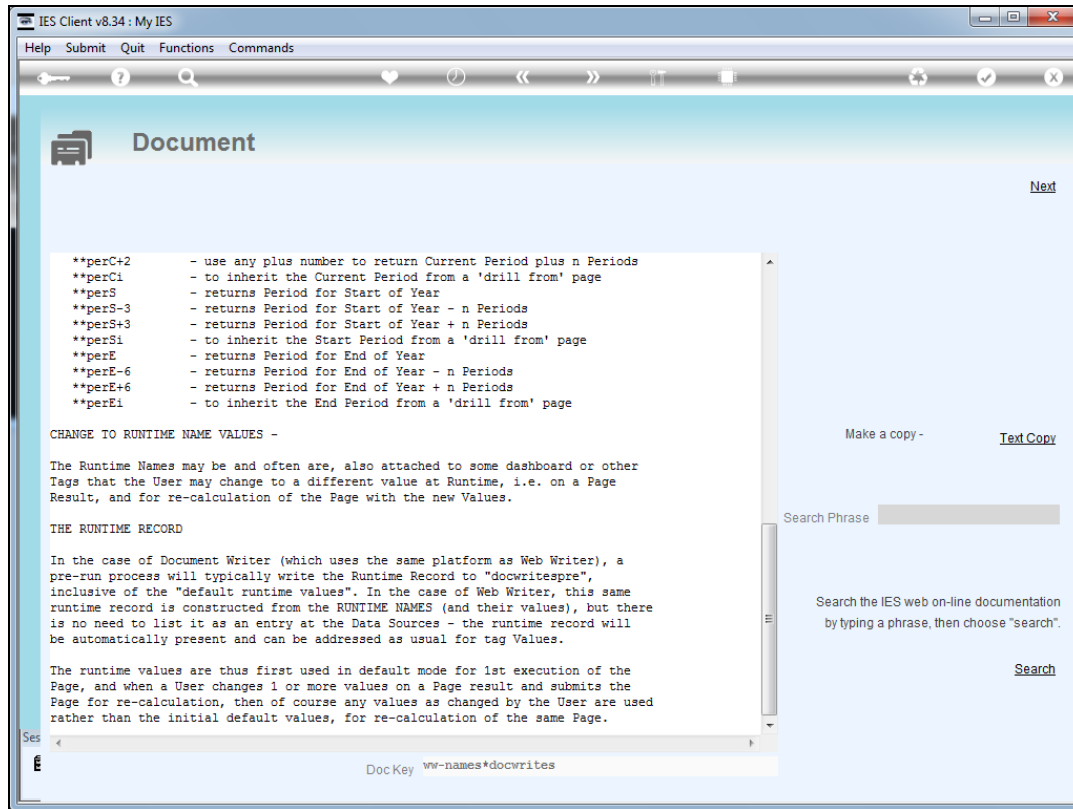


Slide 34
Slide notes:



Slide 35

Slide notes: The runtime record therefore, is constructed from the default Values as listed, when the Page is first calculated. After that, a User may possibly select some different Values and when the Page is submitted for re-calculation, then the new or changed Value set is used.



The screenshot shows a web browser window titled "IES Client v8.34: My IES". The browser's address bar is empty, and the page content is displayed in a light blue theme. The main content area is titled "Document" and contains the following text:

```
**perC+2 - use any plus number to return Current Period plus n Periods
**perC1 - to inherit the Current Period from a 'drill from' page
**perS - returns Period for Start of Year
**perS-3 - returns Period for Start of Year - n Periods
**perS+3 - returns Period for Start of Year + n Periods
**perE1 - to inherit the Start Period from a 'drill from' page
**perE - returns Period for End of Year
**perE-6 - returns Period for End of Year - n Periods
**perE+6 - returns Period for End of Year + n Periods
**perE1 - to inherit the End Period from a 'drill from' page
```

CHANGE TO RUNTIME NAME VALUES -

The Runtime Names may be and often are, also attached to some dashboard or other Tags that the User may change to a different value at Runtime, i.e. on a Page Result, and for re-calculation of the Page with the new Values.

THE RUNTIME RECORD

In the case of Document Writer (which uses the same platform as Web Writer), a pre-run process will typically write the Runtime Record to "docwritespre", inclusive of the "default runtime values". In the case of Web Writer, this same runtime record is constructed from the RUNTIME NAMES (and their values), but there is no need to list it as an entry at the Data Sources - the runtime record will be automatically present and can be addressed as usual for tag Values.

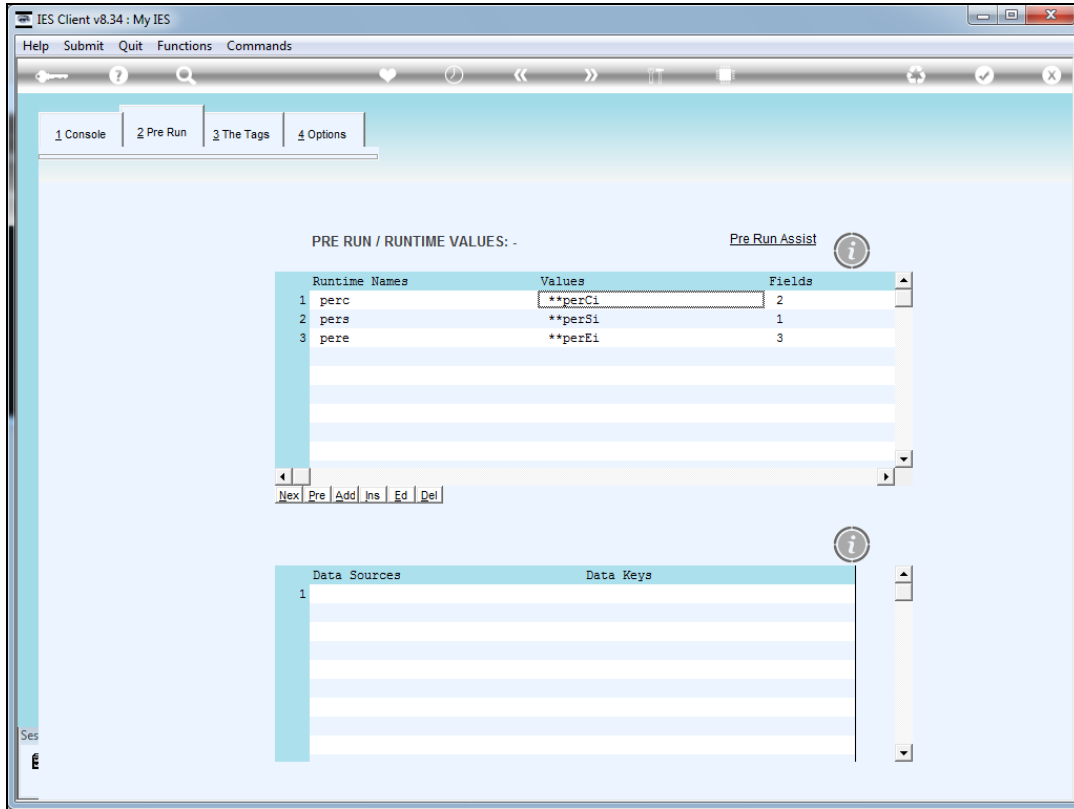
The runtime values are thus first used in default mode for 1st execution of the Page, and when a User changes 1 or more values on a Page result and submits the Page for re-calculation, then of course any values as changed by the User are used rather than the initial default values, for re-calculation of the same Page.

On the right side of the page, there is a search sidebar with the following elements:

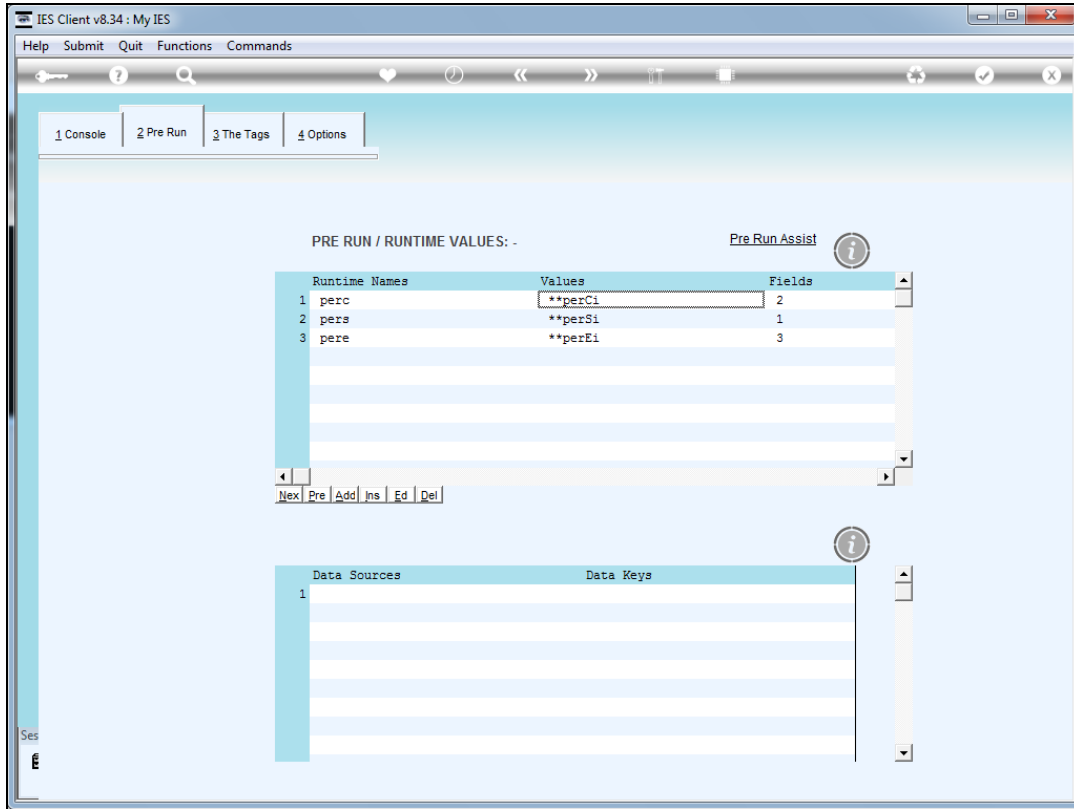
- A "Next" link at the top right.
- A "Make a copy -" link and a "Text Copy" link.
- A "Search Phrase" input field.
- A "Search" button.
- Text: "Search the IES web on-line documentation by typing a phrase, then choose 'search'."

At the bottom of the browser window, the status bar shows "Doc Key ww-names*docwrites".

Slide 36
Slide notes:



Slide 37
Slide notes:



Slide 38
Slide notes: