SSRS: After the Beginning

Using advanced features such as parameters, built-in fields,
actions and embedded code to make SSRS awesome

Progress

Oz Locke (that's me)

	Oz Locke
Works as a	BI Analyst
For	Principality Building Society
With	SSRS, SQL, MDX, SharePoint
And	Excel, LaTeX, HTML, CSS, VB, RegEx...

How familiar are you with SSRS? Do you know these features?
Parameters, Actions, Built-In Fields, Embedded Code

Progress

1 About Me (And You)

2 Session Structure

3 Four Major Elements
   - Parameters
   - Actions
   - Built-In Fields
   - Embedded Code

4 Demo Time
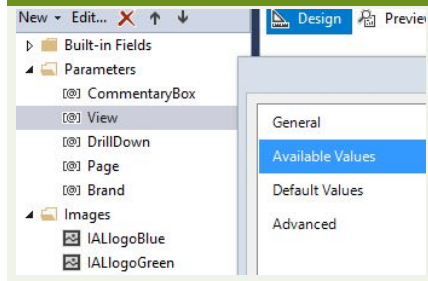
5 Export Formats

6 Wrap Up

What to expect

1. A review of four major elements
   1. Parameters
   2. Actions
   3. Built-In Fields
   4. Embedded Code
2. Seeing everything in action
3. Tips for better export formats
4. Q & A

Progress

Parameters

What they're good for

- Controlling Data Sets
- Filtering tables
- Controlling drilldowns
- Managing formatting
- Creating pseudo-interactivity
- Adding commentary
- Storing values
- Populating textboxes
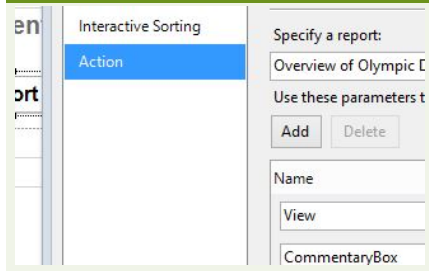- Rich expressions

What they look like

Actions

What they're good for

- Controlling drilldowns
- Managing formatting
- Creating pseudo-interactivity
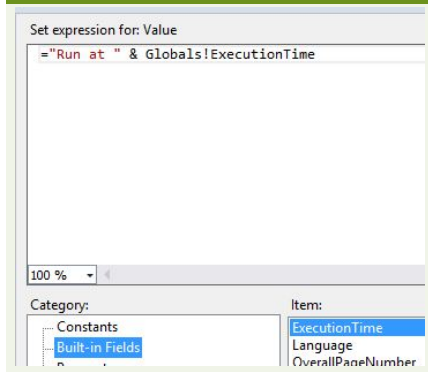
What they look like

Built-in fields

What they're good for

- Controlling Data Sets
- Filtering tables
- Controlling drilldowns
- Managing formatting
- Populating textboxes
- Controlling user views
- Rich expressions

What they look like

Set expression for: Value

```
="Run at " & Globals!ExecutionTime
```

100 %

Category:
- Constants
- **Built-in Fields**

Item:
- ExecutionTime
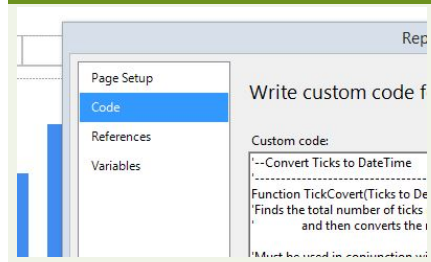- Language
- OverallPageNumber

Emedded code

What they're good for

- Managing formatting
- Populating textboxes
- Rich expressions
- Solving odd problems

What they look like

Progress

1 About Me (And You)

2 Session Structure

3 Four Major Elements
   - Parameters
   - Actions
   - Built-In Fields
   - Embedded Code

4 Demo Time

5 Export Formats

6 Wrap Up

Demo time

Demo time!
Feel free to ask if you have any questions during the demo

Progress

Export formats - PDF (and others)

Design for PDF first

- Be sure to set the page size and margins in the Report Properties, otherwise the rest will be useless

Export formats - PDF (and others)

Design for PDF first

- Be sure to set the page size and margins in the Report Properties, otherwise the rest will be useless
- Ensure your report area (including headers/footers and margins) is no bigger than the page size to avoid over-spill

Export formats - PDF (and others)

Design for PDF first

- Be sure to set the page size and margins in the Report Properties, otherwise the rest will be useless
- Ensure your report area (including headers/footers and margins) is no bigger than the page size to avoid over-spill
- Ensure tablixes won't expand beyond the edge of the report area when the report is run

Export formats - PDF (and others)

Design for PDF first

- Be sure to set the page size and margins in the Report Properties, otherwise the rest will be useless
- Ensure your report area (including headers/footers and margins) is no bigger than the page size to avoid over-spill
- Ensure tablixes won't expand beyond the edge of the report area when the report is run
- Use the group properties to make sure headers repeat on new pages (in the group settings go to the advanced properties)

Export formats - Excel

Then design for Excel

- Where possible use one table per table! (No tables built of multiple tables)

Export formats - Excel

Then design for Excel

- Where possible use one table per table! (No tables built of multiple tables)
- Ensure textboxes are the same width as a column or table, no overlap, to avoid merged columns

Export formats - Excel

Then design for Excel

- Where possible use one table per table! (No tables built of multiple tables)
- Ensure textboxes are the same width as a column or table, no overlap, to avoid merged columns
- Keep all objects flush to the edge of the report or each-other to avoid hidden cells

Export formats - Excel

Then design for Excel

- Where possible use one table per table! (No tables built of multiple tables)
- Ensure textboxes are the same width as a column or table, no overlap, to avoid merged columns
- Keep all objects flush to the edge of the report or each-other to avoid hidden cells
- Note that some colours don't render properly when you copy paste, so use the Keep Source Formatting copy option

Progress

Wrap up - Questions

Any questions?
Can be about SSRS in general as well as about what we've covered

Wrap up - About me

You can find me at

- The bar!
- Twitter `www.twitter.com/OzLocke`
- Blog `www.itsalocke.com`

And finally, a big thank you to our sponsors, and the SQL Sat team
None of this could happen without them

Wrap up - A big thank you

Today is brought to you by

and in association with

Wrap up - A big thank you

Please visit our sponsors