

Coordinating Data Collection in Blaise 5

A Case Study with Bees

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by Kenneth Rosbach

Kenneth.Rosbach@usda.gov

Required Official Disclaimer

- The views expressed in this presentation are mine only and not necessarily those of USDA-NASS

The surveys

- Colony Loss
 - Conducted quarterly
 - Samples size of ~3,500
- Bee and Honey Production, Disposition and Income
 - Conducted annually
 - Sample size of ~ 9000
- Overlap of 1,500 to 2,500 respondents

Overlapping Data Collection

- Quarterly Colony Loss
 - data collection the first two weeks of January, April, July, and October
- Bee and Honey
 - Data collection mid-December through January
- Coordinate during overlapping time

Coordination History

- Original approach – send a field interviewer with paper copies of both surveys
- Second approach – Use Blaise 4 to call Colony Loss then have interviewer complete a paper form over the phone

Coordination History

- Third Approach
 - A windows based call coordinator that uses Blaise 4 instruments

Action	Record	Survey	Oper Name	Person Name	OPER Time Zone	Time Diff (Hrs)	Total # Calls
Get Dial Screen	6 300012080 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300012080 1 1	BEECOLQ	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300017630 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300030810 1 1	BEECOLQ	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300030810 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300035890 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300081580 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300082760 1 1	BEECOLQ	Sunny Acres	Ima Farmer	PTZ	1	
Get Dial Screen	6 300082760 1 1	BEEPDI	Sunny Acres	Ima Farmer	PTZ	1	

Coordination History

- Current Approach – Use Blaise 5 to coordinate directly from the Colony Loss survey



How Does it Work?

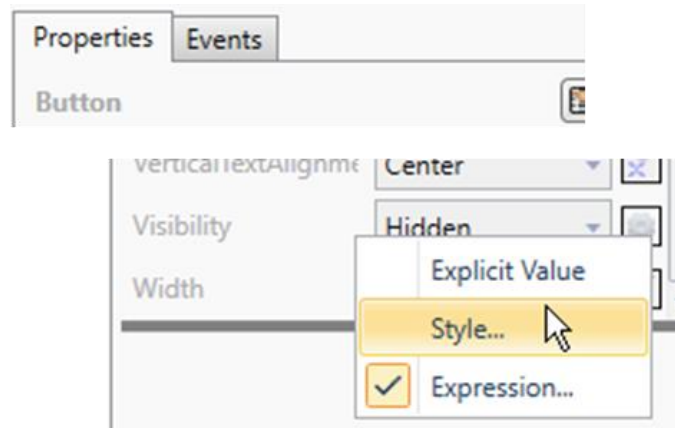
The Nuts & Bolts

Step 1: Make the button and set visibility settings

The button in the blrd file

Matched Bee PDI

Look at the properties tab



Select expression and set the condition for visibility

```
IF HQMatch1.ValueAsText = '1' THEN
  'Visible'
ELSE
  'Hidden'
ENDIF
```


How Does it Work?

The Nuts & Bolts

Step 2: Make the button do something by setting properties for the OnClick event

The screenshot displays a software configuration window. On the left, under the heading 'Actions:', there is a list containing 'StartSurvey'. To the right of this list are five control buttons: a green plus sign, a red X, a blue up arrow, a red down arrow, and a blue X. On the right side of the window, under the heading 'Properties:', there are four rows of configuration fields:

- Fields:** An empty text box followed by an ellipsis button.
- InstrumentID:** A text box containing the value '30b60164-69e7-4d4c-...' with a small red X icon to its right.
- KeyValue:** A text box containing '(ValuePropertiesOb...' followed by an ellipsis button.
- RuntimeParameters:** A text box containing '(Collection)' followed by an ellipsis button.

How Does it Work?

The Nuts & Bolts

Step 3: Set some parameters

The screenshot displays a software interface with several windows. The 'RuntimeParameters' window is open, showing a list of parameters. The 'RuntimeParameters' property is circled in red, and a blue arrow points from it to the 'LayoutSetGroup' property in the 'RuntimeParameters' window. Below the interface, a code snippet is shown:

```
IF LEN(ServerVariables.GetString('CATIRP.LayoutSetGroup'))  
> 0 THEN  
ServerVariables.GetString('CATIRP.LayoutSetGroup')  
ELSE  
State.LayoutSetGroupName  
ENDIF
```

How Does it Work?

The Nuts & Bolts

Step 3: Set some parameters

The screenshot displays two windows from a software application. The top window, titled "RuntimeParameters", has a tab labeled "Properties". On the left, an "Items:" list contains two "RuntimeParameterObject" entries, with a green "+" button above and a red "X" button below. The "Properties" pane on the right shows "Name" set to "Fields" and "ValueAsString" set to a green box. The bottom window, titled "ValueAsString: String", shows a code editor with the following text:

```
'Managmnt.WhoNow=' + WHONOW.StringValue +  
' ,Managmnt.EnumFIPS=' + EnumFIPS.StringValue +  
' ,Managmnt.EnumName=' + EnumName.StringValue +  
' ,Managmnt.Enum_Num=' + Enum_Num.StringValue
```

To the right of the code editor are sections for "Constructs" (with a dropdown menu showing "IF...THEN...ELSE...ENDIF" and a "+" button) and "Functions" (with a "+" button).

Looking forward

- How do we improve on what we have now?
 - Determine next survey and guid at dynamically
 - Skip intro questions after first survey
 - Use a separate module that runs once, explore using launcher feature for this, or use our own instrument
 - Provide answers from first survey to subsequent surveys

Questions Now?

Questions Later?

E-mail: Kenneth.Rosbach@usda.gov