Pre-Conference Training
Advanced Layout

October 22, 2018

Exploring The Dinning Out Survey

Presentation Topics

• Brief (really brief) overview of the Blaise 5 IDE.
• What a layout set is.
• List some of demonstrated features.
• Demonstrate the Dining Out survey pointing out some of the new features you can do.
• Review some of the Blaise source code related to the features.
• Demonstrate Dining Out survey on the mobile iOS and Android platforms:
  ▪ Tablet
  ▪ Phone
### Interactive Development Environment (IDE)

- **Context specific ribbons**
  - Similar to MS Office 2007 or later
  - Common functions: copy, cut, paste, search
  - External commands: browse database, source converter, server manager and many others that can be added

- **Some source editor features**
  - Syntax highlighting
  - MS IntelliSense
  - Snippets
  - Integrated parser and error list
  - Variable definition

### Interactive Development Environment (IDE) (cont’d)

- **Layout Designer**
  - Ribbon shows several galleries, an assortment of styles, master pages and field panes
  - Work surface shows the field names, instructions and template instructions
  - Shows in detail the template instructions and, if any, their available parameters.

- **Resource Database Editor**
  - RDB contains a collection of graphical elements such as fonts, texts, media, templates and resource sets
Layout sets

- A layout set is comprised of:
  - The data structure, field names, type information, etc. of the data model
  - Templates and styles of a resource set
  - Supplemented with layout instructions such as page breaks, number of page items and group instructions
- Layout set is assigned to a Layout Group which is defined as a Mode in the Datamodel
- A Mode can have multiple layout sets
Layout Sets (cont'd)

- This is how everything fits together to create a layout set.

Demonstrate Dining Out survey

- Blaise 5 Features
  - Images
  - Enumerations
  - Other Specify
  - Table
  - Date Control
  - Formatted input control
  - Set
  - Language switching
  - Section headings
  - Procedures/Expressions (email syntax checking)
  - Using custom receipt pages
Demonstrate the application

Eating Out Survey Demonstration

Review the Dining Out Application

- Show source code of the Features
  - Procedure/Regular Expressions (email syntax checking)
  - Enumeration/Set (Dropdown vs Answer List, Arrangement)
  - Image Switching
  - Other Specify
  - Language switching
  - Date Control
  - Formatted input control
  - Section headings
  - Print
Questions?