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Research Corporation

Pre-Conference Training
Advanced Layout

October 22, 2018

Exploring The Dinning Out Survey

Area or Study Group

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

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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

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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

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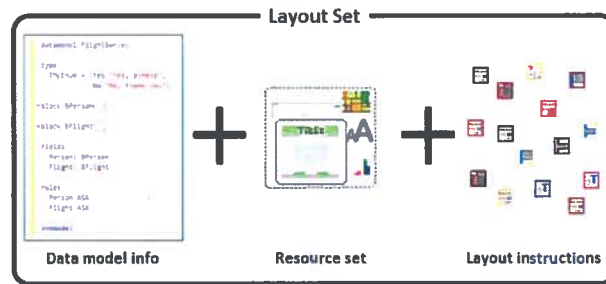## Interactive Development Environment (cont'd)

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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

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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

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Demonstrate the application

Eating Out Survey Demonstration

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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

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Questions?

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