Developing Organization Level Screen Layout and Design Guidelines for Blaise 5

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Conduct stakeholder interviews → What's new in Blaise 5? → Set design principles

Preliminary screen design → Create templates and iterative testing → Collect user feedback

Review current functionality in Blaise 5 → Make Resource Set available to programmers across the organization → Update screen design documentation
Conduct stakeholder interviews

What's new in Blaise 5?

Set design principles

Preliminary screen design

Create templates and iterative testing

Collect user feedback

Review current functionality in Blaise 5

Make Resource Set available to programmers across the organization.

Update screen design documentation
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Design principles

• Maintain core design elements from the existing Blaise 4.8 screen guidelines
• Enforce consistency across study instruments. Facilitate improved adherence to the guidelines
• Take advantage of the flexibility provided in Blaise 5 to eliminate the need for workarounds
• Minimize need of applying changes in the Layout Designer
Design principles

Health and Retirement Study

**Task Bar**

- Project/logo
- Status bar
- Inactive question and response
- Active question and response

**Status bar**

- Sample ID: 9341070010
- Version Date: 08-03-18
- Version Time: 8:00:00
- Current Date: 10-17-2018
- Current Time: 9:59:36
- SecA.StartInterview.A155_SelfPrxy

**Respondent agree to interview**

1. Yes

- Designate type of interview
  - Enter code 4 if living proxy is spouse or partner but does not live with R, e.g., R or spouse or partner lives in a nursing home.

- Self
- Proxy, spouse or partner is reporter, and living in same household
- Proxy, non-spouse or non-partner is reporter
- Proxy, spouse or partner is reporter, but does not live in same household
Is R living in a nursing home or other health care facility?
(Are you living in a nursing home or other long-term health care facility?)

DEF: By “nursing home or other health facility” we mean a facility that provides all of the following services for its residents: 24-hour nursing assistance and supervision, dispensing of medication, personal assistance, and room & meals.

1. Yes
5. No

Active Signal
You have reported that this R (Is/was) living in a nursing home (or hospice),
If this is NOT correct, suppress this message and select "No".
If R (Is/was) living in a nursing home (or hospice), suppress this message and proceed with the interview.
Do you smoke cigarettes now?

**DEF:** Do not include pipes or cigars.

- [ ] 1. Yes
- [ ] 5. No

*Hard Error*
Answer required
How much do you earn now from this job?

7.25

Per:

1. Hour
2. Week
3. Two weeks
4. Month
5. Year
6. Other -- specify
Over the last two weeks, how often have you been bothered by...
Trouble falling asleep, or sleeping too much?
Would you say not at all, several days, more than half the days, or nearly every day?

(Over the last two weeks, how often have you been bothered by...) 
Poor appetite or overeating?
(Would you say not at all, several days, more than half the days, or nearly every day?)
Template Library

- Series of templates
- Stored as a Resource set in the Blaise Resource Database (BLRD)
- Templates applied to fields using role text or applied based on question type
- Some use of LAYOUT function to assign templates to questions

Demo →
• Development in parallel with Blaise 5 project development
• ThickClient disconnected mode issues
• Look up lists vs drop downs
• Number of questions per page
• Limitations → workarounds
• Expression editor element availability consistency
• Adding conditional elements can be tricky
• Traditional household rosters/grids need improvement
Conclusions

• Well received by interviewers and other key stakeholders
• Straight forward transition for experienced interviewers
• BLRD is very powerful, but unwieldy
• Definitely beneficial to have a single resource devoted to the task
• Metadata suggests interviewers prefer key combinations vs buttons (~92% of DK/RF entered using keys – n~11K)
Next Steps

• Assess possible new key combinations
• Continue to collect feedback from interviewers
• Some question types yet to be tackled
• Review functionality in new versions of Blaise 5
• Continue with web and other touch enabled devices
• Create a stable version of the resource set in the latest Blaise version
• Finalized and disseminate documentation
Questions

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