Blaise Colectica Questionnaires
Agenda

- Blaise and Colectica
- Blaise Colectica Questionnaires
- Demonstration
- Roadmap
Colectica Overview

- Standards-based metadata management
  - Survey design and specification
  - Data documentation
  - Data lifecycle documentation
Blaise Overview

- Computer Assisted Interviewing Software
- 30+ years in development
- Desktop, Web, and Mobile data capture instruments
- Powerful programming language to specify survey instruments
Colectica and Blaise

2005 • Together, helped design the DDI 3 data collection model

2011 • Colectica extracts DDI 3 metadata from Blaise source code
• Colectica generates Blaise source code

2016+ • A full software integration
Colectica and Blaise

2018

Blaise Colectica Questionnaires available through Blaise
Goals

- Build surveys with an intuitive user experience
- Use questions and blocks from question banks
- Multiple outputs from one survey specification
  - Blaise 5 Survey Source Code
  - PDF survey specifications
  - DDI, the open standard for survey specification
  - Questionnaire and Data Description Portal
- Link collected data to the questionnaire using DDI metadata
Overview

- Windows desktop application
- Multiple languages
Survey author specifies questions, block sections, and logic
Compose a Questionnaires

- Survey author creates and selects questionnaire items
Survey author publishes new items to Repository
Publish to Blaise

- Publish a survey specification to Blaise
Reuse questionnaires, sections, and questions
Track comparable data over time

- Track data sets with similar types and question usage
New in 2018

- Rosters, choice grids, question grids
- Display formats
- Reuse code lists and defined types
- Other, specify
- Dynamic text
- Collaboration: more integrated reviews and commenting
Demonstration

1. Create a survey
2. Reuse questions and blocks from a question bank
3. Create new questions
4. Add display logic
5. Reuse survey sections, including logic
6. Publish to Blaise and PDF
Create a Survey
View Survey Content and Structure
Publish to Blaise
Review in Blaise

Sample Social Survey

How old are you?

What is your gender?
- Male
- Female

In what country do you live?

What is your marital status?
- Single
- Married
- Divorced
- Widowed
Add Metadata
Publish to a Repository
Collaboration
View in Portal
Multiple Languages
Multiple Languages in Blaise

US2010Census

How many people were living or staying in this house, apartment, or mobile home on April 1, 2010?

Were there any additional people staying here April 1, 2010 that you did not include in Question 1?
- Children, such as newborn babies or foster children
- Relatives, such as adult children, cousins, or in-laws
- Nonrelatives, such as roommates or live-in baby sitters
- People staying here temporarily ...
- No additional people

Is this house, apartment, or mobile home
- Owned by you or someone in this household with a mortgage or loan? Include home equity loans.
- Owned by you or someone in this household free and clear (without a mortgage or loan)?
- Rented?
- Occupied without payment of rent?

What is your telephone number? We may call if we don’t understand an answer.
Statistics Netherlands Question Catalog (CVC)

- Vertical Layout
- Horizontal Layout
- Other Specify
- Matrix
- Options table
- Text roles for extra layout control
- Tables with SUMs
- LOOKUPs
New in 2018

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- Dynamic text
- Collaboration: more integrated reviews and commenting
Roadmap

- Prefill data
- Advanced Rosters
- Your Ideas?
Documentation

http://docs.colectica.com
Evaluation

Thank you
Credits

“Writing” By Creative Stall, The Noun Project, cc by
“Designer” By Creative Stall, The Noun Project, cc by
“Answer Formats” by Aenne Brielmann, The Noun Project, cc by
“Distributed Database” by Maxim Basinski, The Noun Project, cc by
“Spreadsheet Editor” by Ervin Bolat, The Noun Project, cc by