

Experiences with Colectica

Using DDI to manage survey
design metadata.

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Agenda

- Context of using Colectica / DDI in CSO
- How is Colectica and DDI being used in CSO survey design work
- Whats changing
- Whats next
- Whats needed

Context

- CSO's Social statistics transformation project
 - Mixed mode interviewing
 - Revision of LFS
 - Launch of General household survey
- Strong focus on Statistical process management
 - Documentation challenges
 - Develop the use of generic business process standard (GSBPM)
 - Incorporate Quality management and reporting within design processes
 - Human Resource development of statistical skill specialisation.
- Success goals
 - More systematic mapping of statistical metadata through the productions process
 - interoperability of statistical systems
 - Cradle to Grave metata (GSBPM)
 - Follow best practice of statistical metadata and data management.

How is Colectica and DDI being used

- Metadata documentation
 - Questionnaire bank (9 months)
 - LFS - Labour force survey (QNHS)
 - EUSILC - Survey on Income and Living conditions
 - QNHS - Adhoc Modules,
 - AES - Adult Education Survey
 - ICT - Information Society Household survey

Current holdings: Questions 350 aprox / Answer categories 500 aprox + associated metadata

How is Colectica and DDI being used

- Outputs

- Provide specifications to Blaise (currently in PDF / Word)
- Providing questionnaire documentation for future
 - Codebooks
 - Research micro file metadata
 - Quality indicators
 - Web dissemination of statistics (HTML)

How is Colectica helping CSO survey design work

- Simplifies DDI metadata
 - DDI is a complex dictionary
 - Rapidly developing (IOT)
- Promoting specific use of appropriate statistical terminology between processes
- Provides the benefits of a survey library
 - Question searching, thematic reporting etc
 - Reduces the reinvention of the same questions

How is this changing questionnaire design work in the CSO

- Standardisation of CSO questionnaire metadata
 - Upstream
 - Input specifications using DDI terminology being standardised
 - SLA agreements based on metadata production
 - Downstream
 - Output specifications
 - » standardised questions between surveys
 - More efficient cognitive testing development (results will contribute to more surveys)

Whats next

- Continuous improvement of QDU product to Blaise
- Enrichment of questionnaire design metadata holdings in DDI (interview instructions)
- Better links between DDI and Blaise
 - Blaise to DDI (historical data models)
- DDI to
 - Data holdings / Databases
 - Disseminate tools (HTML)
 - Research datasets
 - SDMX Quality reporting

Whats needed

- More DDI case examples
 - Sharing of standard international DDI documentation around statistical domains and different GSBPM subprocesses.
 - Promotes consistency of DDI terminology use
 - E.g. Are LFS Modules studies or series ?
 - Model questionnaires in DDI ?
 - Language solutions available in DDI
 - DDI standard classifications
 - Colectica link to RAMON ?

Whats needed

- Engage with users of data about their use of DDI
 - Eurostat (SDMX)
 - Irish Social Statistics Data Archive (ISSDA)
 - ESRI (Economic and Social Research Institute)
 - University networks
 - Other Government departments (Administrative data and associated question design holdings)