Future Roadmap for DDI-Lifecycle in DDA

3rd Annual European DDI Users Group Meeting
DDI - The Basis of Managing the Data Life Cycle
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A2 – Software Projects Updates
Danish Data Archive - Jannik Jensen
DdiEditor - 1.0.17

- **Background**
  - DDIFTP startup
  - Dagstuhl working paper series

- **Current Features of Version 1**
  - Framework and process orientated
  - DDA curation requirements
    - Missing value definitions
    - Questionnaire import process
    - SPSS DeXt enhanced DDI-3.1 import
  - Information exchange within IT - architecture
    - Meta data scrubbing and conversion
  - Analysis and progress development of
    - DDI-Lifecycle access infrastructure
  - Open Source Release – 2011-12-01 on Google Code
DdiEditor Roadmap

- Agile Development
  - Continuous integration
  - Scrum sprints of 3-4 weeks
  - Automated build and software distribution service

- Major Milestones Identified
  - Care for Users
  - Core functionality
  - All IN
Care for Users

- **UI Features**
  - Dynamic views for meta data elements
  - Copy-paste, spelling control, actions buttons, undo-redo

- **Analysis**
  - Code book style output
  - Review module
    - Support for communication flows between reviewers
    - Support for various validations techniques and practices

- **Features**
  - Complete study level information export
  - Code book
    - Variable frequencies from SPSS
    - Collaboration with SND-DdiXslt on HTML style sheet
  - Batch conversion of DDA-OSIRIS to DDI-Lifecycle
  - Structure for generated variables in DDI-Lifecycle
Core Functionality

• Analysis
  • Automated retrieval of filters from SPSS to DDI-L
  • Resource packages - where to start?
  • Longitudinal studies
    – Needs for documentation
  • Interviewer instruction scheme
  • DDI-3.2 development
Core functionality -cont.

- Features
  - Initial implementation of analysis
  - Implementation of Review Module
  - Validation: Schema, second level and business rules
  - DDI-Lifecycle version assignment handling
  - SPSS functionality
    - Data + meta data conversion to SPSS for re-use purposes
    - Automated retrieval of filters from SPSS to DDI-Lifecycle
  - Support for DDI-Lifecycle based discovery and distribution service
    - Indexingplatform (search and URN resolution)
      - eXist based on SND work, consultant implementation
    - Automated generation of products - upload processes, PID assignment, DataCite, Rich Snippets on study level information
All IN

• Features:
  • Conversion from DDI-3.1 to 3.2
  • User Manuals
  • Implementation of
    - Resource Packages
    - Longitudinal studies
    - DDI Controlled Vocabularies
    - Interviewer instruction scheme

• UI Features
  • Remaining implementations (copy-paste, spelling control, actions buttons, undo-redo and more)

• Analysis
  • Use cases on re-use of universe element
Questions & Answers

● Thank You
● Question Mappings
● Illustrations
  ● Used from digitalbevaring.dk
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