Highlights

TC

- Product development and publication
    - Development of process for the publication of official documents with assistance of the XKOS Working Group in fine tuning the process

- Resolution of DDI Controlled Vocabularies and RDF vocabularies
    - Support from the UKDA and GESIS by providing platform and programming support

- Focus on technical infrastructure
    - Movement of development work from Bitbucket to GitHub
- Management of DDI Alliance webpages/ Migration of DDI Alliance webpages from the University of Michigan
    - Shift of product production from hand-crafted to automated process
    - Initializing work with Lifecycle

- Organization of infrastructure space to support
    - Automated production (including multiple syntax languages including RDF, JSON, and UML/XMI among others)
        - Lifecycle v.4.0 (presentation later in program)
        - Exploration of options for Codebook
        - Support for SDTL, XKOS, DDI-CDI and other products as they arise

CDI

- Meeting in Paris to prepare submission of Release Candidate 2 to the TC.
- Submission of RC2 to TC, currently in review and expected to go out for voting early autumn this year.
- New sub-group on Qualitative data

CV

Past year's activities.

- Prepared and published new CV for the DDI-L element DataCollectionFrequency:IntendedFrequency (vocabulary title is Type of Frequency)
- Produced a new versioning policy that will apply to all instances of a vocabulary, irrespective of the language in which they are expressed. The policy has already been implemented in the CVS (CESSDA Vocabulary Service)
- Revised and edited CV pages on DDI Alliance site to bring the information up-to-date until the CVS to DDI pipeline tool becomes available.
- Contributed to fixing bugs found in the CESSDA vocabularies tool. Tested new versions of the tool before they are made available for public use.
- Worked with Qualiservice (from Germany) to update the Sampling Procedure CV so that it provides better coverage for qualitative research data.
- Worked with TC and Scientific Board to test and finalize the CVS to DDI pipeline tool (the latter will automatically update the DDI Alliance CV pages with content from CVS)

Developers

Hackathon in Köln 10 - 11th of May
Most participants worked of various features of Nectar Publisher
some highlights:
+ SPSS import via OpenCPU
+ Basic DDI-C metadata import
+ Simple Codelist editiong

Glossary

- Completed first version of glossary – currently in review

* Questions and Questionnaires

- Provide guidelines for building and managing questions and questionnaires using different DDI products and related standards.
- Work with other expert groups to help identify needs for new material (e.g. training material) or evolution of the standards.

* RDF equivalence

Current Work Plan:

- Create and maintain an owl ontology with common class mappings
- Show a proof of concept for SPARQL query expansion, querying across mapped products
- Possible Future Plans
  - Investigate expanding the scope to equivalent properties if the equivalent classes show usefulness
  - Explore mapping common DDI classes to other non-DDI ontologies such as schema.org

SDTL/SDTH

- SDTL and SDTH solve different aspects of a common problem
  - How do we describe the ways that data have been transformed and manipulated?

- SDTL: Structured Data Transformation Language
  - A language for describing data transformations by statistical analysis software
    Created to add variable-level provenance to metadata, like DDI
  - Many different languages can be translated into SDTL
  - Machine-actionable, which simplifies writing software tools

- SDTH: Structured Data Transformation History
  - Scripts that perform data transformation can be long and complex
  - SDTH is a simple way to query scripts
    - E.g., What variables affected the values of variable X?

- Extends the W3C PROV standard to describe data transformation
    - SDTH can be combined with other PROV compatible provenance metadata

- Work Plan
    - Complete RDF version of SDTL
    - Create full SDTH documentation
    - Submit SDTL version 2.0 including SDTH for DDI Alliance approval

Training

- Published 5 new slide decks:
- Collaborated with Sciences Po and PROGEDO, the French CESSDA provider, to get 3 decks translated to French
- Zenodo slide decks usage:
    - Total Downloads since 2021: 4,482
    - Total Views since 2021: 7,166
    - June 2023 - April 2024 Downloads: 1,858
    - June 2023 - April 2024 Views: 3,591
- 2 CODATA/DDI Alliance webinars completed:
    - Survey feedback results from webinars : positive feedback received every time.
- Training completed:
    - EDDI face-to-face training (December 2023)
    - Spanish Official Statistical Institute Training (May 2023)
    - French National Repository (January 2024)
    - Single-user remote training (March 2024)
- Training emails/requests: one through the official channel (contact form). Two others through personal contact (National French repository & France cohortes - the French Health Longitudinal Studies)
- World Preservation Day (November 2, 2023) : Meet and Greet in English and French: https://ddialliance.org/announcement/ddi-meet-and-greet-for-world-preservation-day-on-november-2-1600-utc

XKOS

- Best practice document finalized
- Will liaise with Eurostat regarding comments