DDI-RDF Tools takes your DDI-XML to the DISCO

- a hackfeast ...

2014-06-04 IASSIST 40 @ Ryerson - Toronto - York - Universities

SND Svensk Nationell Datatjänst

Statens Arkiver
Dansk Data Arkiv
History of DDI-L to DDI-RDF DISCO

● 2013 Mappings from DDI-L to DDI-RDF
  ○ Thomas Bosch, Benjamin Zapilko, Olof Olsson - Dagstuhl/ Gothenburg
● 2013 Copenhagen hackathon
  ○ Extending work on the DDI-L to DDI-RDF transformation
  ○ Proof of concept applications
● 2014 Minor updates plus added demos
DDI-L mapping focus areas

Focus on:
- Variables
- Representation
- Code / Categories
- Questions
- Instrument
- Concepts / Universe
- Subject headings

Image Credit: Thomas Bosch
Demo and current status

- DDI-L to DDI-RDF extended
- Build script - one xslt
- Jenna import and test script
- ARC2 Sparql endpoint deployed
  - [http://ddi-rdf.borsna.se](http://ddi-rdf.borsna.se)
  - 2.2 million triples
    - DDA 33% collection
    - SND full collection
- Proof of concept RDF search and graph visualization
Will DDI4 kill the DISCO era?

● Short story: **Nope**
● An object in RDF can be of several types
  ○ eg:
    var1 can be of type disco:Variable and ddi4:Variable
● DISCO covers the simple use-case and will be the way to describe simple Datasets
● DDI4 is still a long way from release!
  ○ Lets get to the DISCO!
DISCO Vocabulary review

Its on GitHub
Lets review it!

http://github.com/linked-statistics/disco-spec
Thanks - Q&A

- DDI-XSLT project [https://code.google.com/p/ddixslt/](https://code.google.com/p/ddixslt/)

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