

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

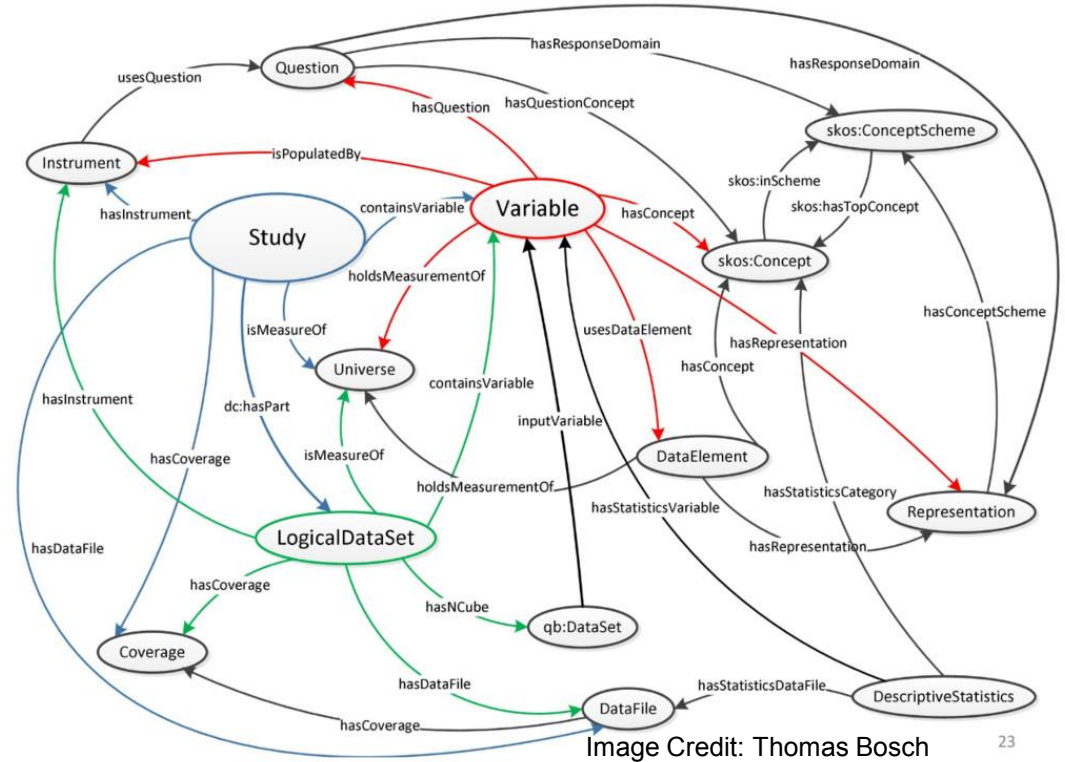
History of DDI-L to DDI-RDF DISCO

- 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



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>
 - 2.2 million triples
 - DDA 33% collection
 - SND full collection
- Proof of concept RDF search and graph visualization

Q Demo 1



Made by Josephine Pettersson

Q Demo 2



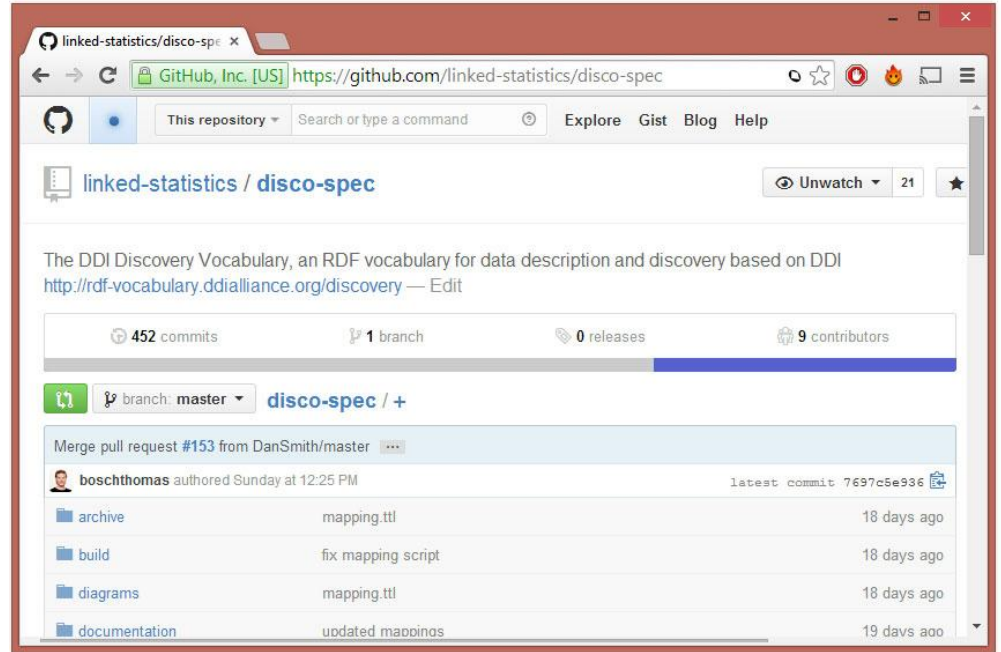
Made by Magdalena Eriksson

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!



The screenshot shows the GitHub repository page for `linked-statistics/disco-spec`. The page displays the repository name, a description of the DDI Discovery Vocabulary, and statistics such as 452 commits, 1 branch, 0 releases, and 9 contributors. A pull request #153 is highlighted, showing a merge from `DanSmith/master` to `master` by `bosctho` on Sunday at 12:25 PM. The latest commit is `7697c5e936`. Below the pull request, a list of files is shown, including `archive`, `build`, `diagrams`, and `documentation`, with their respective commit hashes and dates.

File	Commit	Date
archive	mapping.ttl	18 days ago
build	fix mapping script	18 days ago
diagrams	mapping.ttl	18 days ago
documentation	updated mappinos	19 days ago

<http://github.com/linked-statistics/disco-spec>

Thanks - Q&A



- DDI-RDF specification <http://rdf-vocabulary.ddialliance.org/discovery.html>
- DDI-RDF XSLT mapping <https://github.com/linked-statistics/DDI-RDF-tools>
- DDIXSLT project <https://code.google.com/p/ddixslt/>
- **Contact**
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