Pre-meeting notes

We have set up a Google Drive folder for the enhanced citation work at the upcoming Dagstuhl workshop. There is a ReadingList file with some suggested readings if you have time to look at them before the conference. There are also folders "contributor\_role" and "reference\_docs" with some additional materials. I would like to try crowd sourcing the minutes at the meeting so there is a minutes folder in which we will keep daily files with minutes. I'll set up a pre-meeting file in that folder if any of you want to start gathering shared thoughts there. -Larry

**Enhanced Citation Questions**

**From the proposal:**

**·**   **Which information elements are needed for comprehensive data citation?**

**· Which objects should have an attached set of citation metadata?**

**· How should citation of reuse be handled? (Who is reusing the data and how etc.)**

**· What infrastructure is needed for location of objects?**

**· Which elements need a controlled vocabulary?**

**· What special information is needed for the citation of stream sources?**

What should be cited?

 Data

 Whole datasets

 Segments or sets of segments from static datasets

 Qualitative data and segments of qualitative data

 Extracts from dynamic datasets

 Replication?

 Numeric fingerprint

 Metadata

 Highly structured for deep citation

 Instruments

 Questions, categorizations (e.g. Likert scale), equipment, software, algorithms

 Procedures

 Data gathering, preparation, harmonization, running experiments

 Conceptual

 Study design, analysis design …

 Reuse

What roles should be captured?

 Basic vocabulary

 Flexible controlled vocabulary (e.g. artists, peer reviewer?)

 Look at GLBPM?

Degree of contribution

 Order of listing (primacy)

 How does this work in RDF?

 Percent of total project

 What about vary large projects?

 FTE

 Importance to project

DDI issues

 Current citation elements in DDI

 Backward references from reused objects?

 Rely on external indexing? SPARQL queries?

 Other Related Efforts (to be expanded)

* ODIN - ORCID DataCite Interoperability Network (<http://odin-project.eu/> )
* Credit Where Credit is Due (<http://www.nature.com/news/publishing-credit-where-credit-is-due-1.15033> )
* PHRDF Public Health Research Data Forum ([http://www.wellcome.ac.uk/stellent/groups/corporatesite/@policy\_communications/documents/web\_document/wtp051762.PDF](http://www.wellcome.ac.uk/stellent/groups/corporatesite/%40policy_communications/documents/web_document/wtp051762.PDF))
* Force11 (<https://www.force11.org/datacitation> )
* CASRAI Working Group *Standard Data Profile for Peer Review Contributions*<http://c-ommons.org/apps/group_public/download.php/409/CASRAI%20Standard%20Data%20Profile%20for%20Peer%20Review%20Contributions.pdf>
* CTSAconnect: (<http://ctsaconnect.org/> )

Other issues?

 Relationship to existing infrastructure

 DOI, DataCite, ARKS

 Tools for the research workflow