Session page: https://www.rd-alliance.org/ig-data-versioning-rda-10th-plenary-meeting

   Presentation
https://docs.google.com/presentation/d/18a6deI9f1Qa5SpxAfowJnkSjaumvyGbxnH1TzPjzKw8
·   Case Statement
https://docs.google.com/document/d/1jZoON7biETH46IvoXcyxt0is4gyt0CWGJrVpHTyfpyk
·   Notes from the Denver Plenary BoF
https://www.rd-alliance.org/data-versioning-rda-8th-plenary-bof-meeting
·   Use Cases
https://docs.google.com/document/d/1TfBPlfjTVg0YcFxuw0UszAXPYrRmyZ6PCxtxKx8-uGg

Attendees

Please with name, affiliation and e-mail
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Online: Esther Dzale, Lucas Carvalho

Meeting notes

Introduction (Presenter: Lesley Wyborn)
History of the Data Versioning group

W3C Data eXchange Working Group (Links from Simon Cox's slides)

• https://www.w3.org/TR/vocab-dcat/

• https://www.w3.org/2017/dxwg/wiki/Main_Page

• https://w3c.github.io/dxwg/ucr/

- https://w3c.github.io/dxwg/ucr/#ID4

- https://www.rd-alliance.org/group/data-citation-wg/outcomes/data-citation-recommendation.html

W3C Data on the Web Best Practices (Presenter: Simon Cox)

https://www.w3.org/TR/dwbp/

W3C Data eXchange Working Group

DCAT (Data Catalog Vocabulary)
https://www.w3.org/TR/vocab-dcat/
Makes use of Dublin Core terms
- DCAT offers a somewhat more rigorous view of the dc: terms
- W3C project is to (i) update (ii) define how to specify a "DCAT Profile" for an application or community
- Work from this RDA IG is narrower than that from W3C (e.g W3C discusses all aspects of dataset description, W3C not focuses only on research data)
- There should be relationship between the two groups, the requirements from this IG can be fed back to the W3C WG to inform support for versioning in DCAT revision
- W3C WG started about 4 months ago, has 2 years duration
- Are Use Cases from this IG sufficient to get heard. - has to be the member of W3C WG.
- Andreas Rauber (Dynamic Data Citation WG): It would be good to put use cases together with implementations to the WG
- Versioning patterns, requirements (and implementations) are extremely useful, need to get in early to W3C
- Version issue is essentially a policy issue; a particular version is an effort to capture the state of the world at a given point in time
- It would be good to compile information from data centers about data type, format and update frequency etc, and their versioning policy
- Most people understanding versioning in abstract, but don't have written guidelines on how and when
- There are different perceptions on versioning, it would be good to have community consensus and it is an opportunity for this group to have a white paper
- Version syntax can carry semantic meaning (semantic versioning slide from Jens Klump); part of a larger conversation on whether best practice is to encode meaning in the version numbering system
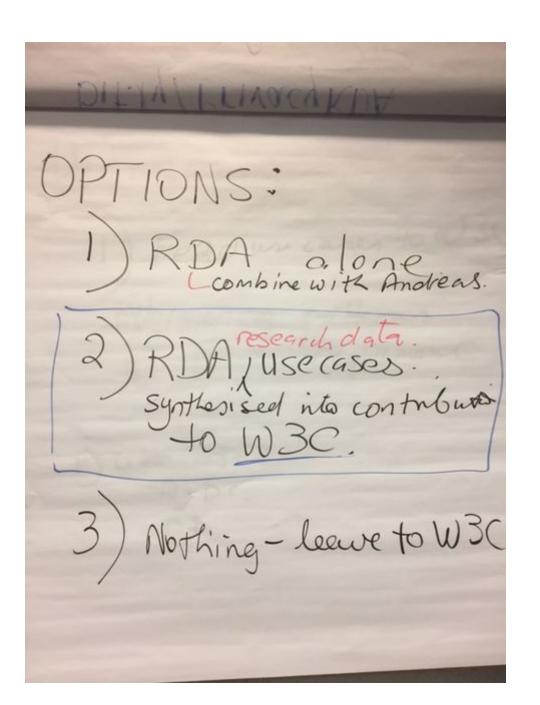
- Even we have a good numbering system, need to look inside about what changes have been made, because misunderstanding or misrepresentation of the version can lead to problems
- For additional information about semantic versioning in the software world, see http://semver.org
- Case statement is under revision, there are some concrete things coming out of the discussion
- Andreas are dealing with a set of data centers, focus on data citation, but have data versioning use cases. Can provide what have been done and what are gaps
- Cyndy Chandler, Julia Collins, Andreas Rauber put hands up to help
- Suggest to change the group title to: Data Versioning Principles and Patterns.
- We have problems here, look for solutions
- **Action**: Create a wiki page to collect use cases
- Introduction from audiences:
    - Want to get from this group about best practices
    - Link publication with data, need to point to the right data version
    - Want to see if there is any recommended standard from this groups
    - The variety of version patterns is a challenge for publishers and those trying to create citation indices
    - UCSD is getting climate data, that has versioning issue. Manage landing pages linking different versions
    - Dealing with time series data,
    - US GS had a preliminary guideline about versioning, would like to see what other people are doing
- Capture use cases from the data citation WG and from this group, better **get these use cases into W3C in next six months**
- Gather use cases, make recommendations (principles), go back to users to refine recommendations

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OPTIONS:

1) RDA alone
   └ combine with Andreas.

2) RDA, research data.
   use cases.
   synthesised into contributor
   to W3C.

3) Nothing — leave to W3C

Decisions

1) Feed use cases to W3C

-A) Versioning patterns.
B) l   requirement

1) USE CASES
   A) DC.
   B)