

WG Data Versioning - RDA Plenary 11 Notes

Session page: <https://rd-alliance.org/wg-data-versioning-rda-11th-plenary-meeting>

Group Page: <https://www.rd-alliance.org/groups/data-versioning-wg>

Please sign up to group!!!

Participants:

No.	Name	Organisation	email	Versioning issues you are concerned with?
1	Lesley Wyborn	NCI, ANDS,	lesley.wyborn@anu.edu.au	Big data sets that are too big to store multiple versions of, External Versioning
2	Mingfang Wu	ANDS	mingfang.wu@ands.org.au	
3	Martina Stockhause	WDCC/DKRZ	stockhause@dkrz.de	ESGF versioning in connection with evolving data citation
4	Matt Lightfoot	CCDC	lightfoot@ccdc.cam.ac.uk	
5	Meghan Tomlin	Ocean Networks Canada	mtomlin@oceannetworks.ca	Dynamic data, how to assign DOI to data that are continually collected in near real-time, very large data sets, how to handle reprocessed data, changes to QA/QC flags, updates to data products etc....
6	Nicole Giliard	ZIB	giliard@zib.de	
7	Thilo Paul-Stueve	Kiel University	paul-stueve@rz.uni-kiel.de	
8	Toshihiro Ashino	TOYO Univ.	ashino@acm.org	Physical constants, material properties.
9	Lars Vilhuber	Cornell University	Lars.vilhuber@cornell.edu	
10	Barton Satchwill	Cybera	barton.satchwill@cybera.ca	open government data, versioning derivative data

11	Richard Ostler	Rothamsted Research	richard.ostler@rothamsted.ac.uk	Low throughput time-series data. Dataset aggregations. Re-presentation of data either in different data format or visualisations
12	Stefanie Schumacher	AWI PANGAEA	Stefanie.schumacher@awi.de	
13	Nigel Rees	NCI	nigel.rees@anu.edu.au	
14	Carsten Schirnack	GEOMAR	cschirnack@geomar.de	Versioning of research data along with code (execution) and Docs for full(?) documentation of data provenance (à la Jupyter Notebooks); => Git for Research
15	Rolf Andersen	UiT The Arctic University of Norway	Rolf.andersen@uit.no	
16	Tobias Weber	Leibniz Supercomputing Centre	weber@lrz.de	
17	Chris Pankratz	University of Colorado/ LASP	pankratz@colorado.edu	
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19	Boris Radosavljevic	GFZ German Research Centre for Geosciences	Boris.radosavljevic@gmail.com	
20	Christian Loeschen	Technische Universität Dresden	Christian.Loeschen@tu-dresden.de	
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23	Carsten Hoffmann	Leibniz Centre for Agricultural Landscape	hoffman@zalf.de	

		Research (ZALF)		
24	James A.J. Wilson	University College London	j.a.j.wilson@ucl.ac.uk	
25	Katharina Sack	CCCA - Climate Change Centre Austria	katharina.sack@ccca.ac.at	
26	Milan Daneček	CESNET	danecek@cesnet.cz	
27	Katarzyna Biernacka	Humboldt-Universität zu Berlin	biernacka@hu-berlin.de	
28	Tomas Torgimsby	University of Oslo	Tomas.Torgimsby@ub.no (?)	
29	Ludwig Hulk	Reiner Lemoine Institut	ludwig.huelk@re-institut.de	
30	Andreas Rauber			
31	Ari Asmi			

Meeting Slides:

https://docs.google.com/presentation/d/1kzZFrao5B1MseLW4B_Geh00GasAwfvvsJb5cVfaAogY/edit#slide=id.g3580aef542_0_84

Agenda:

- Introduction
- Recap of Why, How and What of Data Versioning
- Review of use cases, including the W3C Dataset Exchange Use Cases and Requirements
- Work plan for RDA Data Versioning WG
- Engagement with other RDA and external groups
- Outline of white paper on data versioning practices
- Scheduling of online meetings up to Plenary 12

Meeting Notes:

Other relevant groups:

Use cases?

EU ICT board

Use Slack

Are the dimensions policy and/or technical -

- How frequently do you version

- What are the policies for versioning

- Can we use GIT

- Hard to separate policy vs technical - needs to be in one document

Data Versioning group has some policy work but do not have semantic versioning as part of the core concepts.

- Semantic will help across discipline

- Are we talking about the big data centres or the long tail

- Large data sets are more complex - long tail is a derivative of the big data problem

Web services puts more pressure on the repositories to be able to provide users with details of when they change the version.

P2P versioning system - user has nothing to do with the versioning it is automated - more computer science based.

- Disruptive technology?