

Metadata 2020: Initiatives for the Research & Data Communities

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Why is Metadata important?

**METADATA
2020**

Sharing and Discovery: “Without good Metadata, what is the cost to society? What discoveries are we missing?”

Maryann Martone, Jennifer Kemp, Lettie Conrad, Michelle Brewer

Charleston PreConference 2017

“Everyone benefits from better discoverability. Make the content easier to find and disambiguate. As the metadata gets richer the more you can do with it, so it just gets better and better.”

*–Eva Mendez Rodriguez, Deputy VP Strategy & Digital Education,
Universidad CarlosIII , Spain*

What is Metadata 2020?

**METADATA
2020**

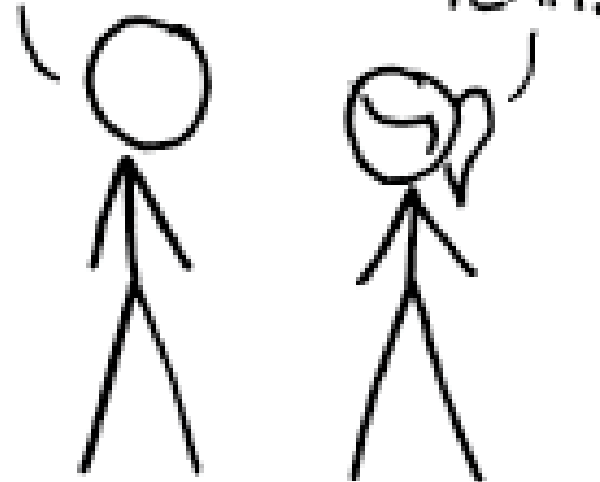
What we are not:

Another Standard

HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)

SITUATION:
THERE ARE
14 COMPETING
STANDARDS.

14?! RIDICULOUS!
WE NEED TO DEVELOP
ONE UNIVERSAL STANDARD
THAT COVERS EVERYONE'S
USE CASES.



SOON:

SITUATION:
THERE ARE
15 COMPETING
STANDARDS.

What is Metadata 2020?

Metadata 2020 is a collaboration that advocates richer, connected and reusable metadata for all research outputs.

- Started in September 2017
- Founded by Crossref
- Led by several associations, publishers, universities, technology vendors, and other supporters of the scholarly-data ecosystem

Why?

- Richer metadata fuels discoverability, innovation and usability.
- Connected metadata bridges the gaps between systems and communities.
- Reusable metadata eliminates duplication of effort.

What is Metadata 2020 doing?

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What is Metadata 2020 doing?

- Offering opportunities for workshopping, listening, creating, **evaluating**, and developing
- Developing a metadata maturity model for the scholarly communications community
- Organizing to discuss metadata challenges for various communities and ways to engage these communities to contribute perspectives and gather information

Goals -- Phase 1

- Assessing challenges pertinent to each community
- Gathering stories about metadata, good and bad
- Sharing templates and forms for people to contribute their success stories (and their horror stories)
- Continuing our workshops to gather stories and work on creating resources.

Goals -- Phase 2

- Building business cases from community sub-groups
- Developing a ***Metadata Maturity Model*** by which content creators will be able measure themselves and improve.
- Creating awareness and resources such as business cases, for all who have a stake in creating and using scholarly metadata

Who is involved?

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Who is involved in Metadata 2020?

- * Cameron Neylon, **Curtin University**
- * Caroline Sutton, **Co-Action Publishing / Informa**
- * Dario Taraborelli, **Wikimedia Foundation**
- * Eva Mendez Rodriguez, **UC3M / OSPP / DCMI**
- * Ed Pentz / Ginny Hendricks, **Crossref**
- * Genevieve Early, **Taylor & Francis**
- * John Chodacki, **California Digital Library - Chair**
- * Juan Pablo Alperin, **Public Knowledge Project**
- * Kristen Ratan, **Coko Foundation**
- * Laure Haak / Alice Meadows, **ORCID**
- * Mark Patterson, **eLife**
- * Mike Taylor, **Digital Science**
- * Natalia Manola, **OpenAIRE**
- * Patricia Cruse / Laura Rueda, **DataCite**
- * Paul Dlug, **American Physical Society**
- * Roy Tennant, **OCLC**
- * Scott Plutchak, **University of Alabama**
- * Stefanie Haustein, **University of Montreal**
- * Steve Byford, **JISC**

Community Groups

- **Publisher** - Individuals from 13 publishers
 - **Librarian** - Led by Juliane Schneider, Harvard Catalyst; individuals from 8 organizations
 - **Funder** - 3 organisations: Arcadia, Gates, Moore
 - **Service Provider/Platforms and Tools** - Led by Marianne Calilhanna, Cenvéo; 17 individuals from 15 organizations
- **Data Publisher/Repositories** - Led by John Chodacki, California Digital Library; 6 individuals
 - **Researcher** - Led by Cameron Neylon, Curtin; individuals from 7 organizations across 5 countries

How can YOU contribute?

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What is needed?

- Participation with our working groups
- How a Metadata Maturity Model be helpful for your community?
- What would a useful model look like, and who would use it?
- To what extent would you like to be able to understand the metadata challenges of others from the scholarly communications community?
- How can we obtain use cases and stories from your community to inform details within the model?
- How might we construct an overarching model to include all areas of the scholarly community?

How to participate

- Send suggestions, case studies, and stories etc., and volunteer to contribute to working groups through the website, or by emailing info@metadata2020.org
- Sign up for news and updates on the website metadata2020.org
- Consider membership in one of the working groups
- Follow us on twitter @metadata2020
- Tell your friends and co-workers about us!

Resources in metadata initiatives

- Website: www.metadata2020.org
- [Blog Post](#) on Metadata for Data Sets
- [FAIR](#) Group – Making data **F**indable, **A**ccessible, **I**nteroperable, and **R**e-usable. (Metadata2020 is working with this group)