



<Research Software Hackathon>

Agenda and activities

Making software a first-class citizen in the scholarly world

Software Source Code Identification WG (SCID)

Software Citation Implementation WG (SCIWG)

Software Source Code IG



9:00 - 9:45 | Opening of the day- introductions

- Research software challenges and actors
 - the joint FORCE11 & RDA Software Identification WG [SCID]
 - the RDA Software Source Code IG
 - the FORCE11 Software Citation Implementation WG
- Agenda, tracks and activities

Logistics:

- Gitter room: https://gitter.im/FORCE19_RSH/community
- SCID WG repository
<https://github.com/force11/force11-rda-scidwg/tree/master/hackathon/FORCE2019>
- Google Docs as working documents



9:45 - 10:45 | Session 1 - Initialization

Break down into groups (the number of groups depends on the number of participants):

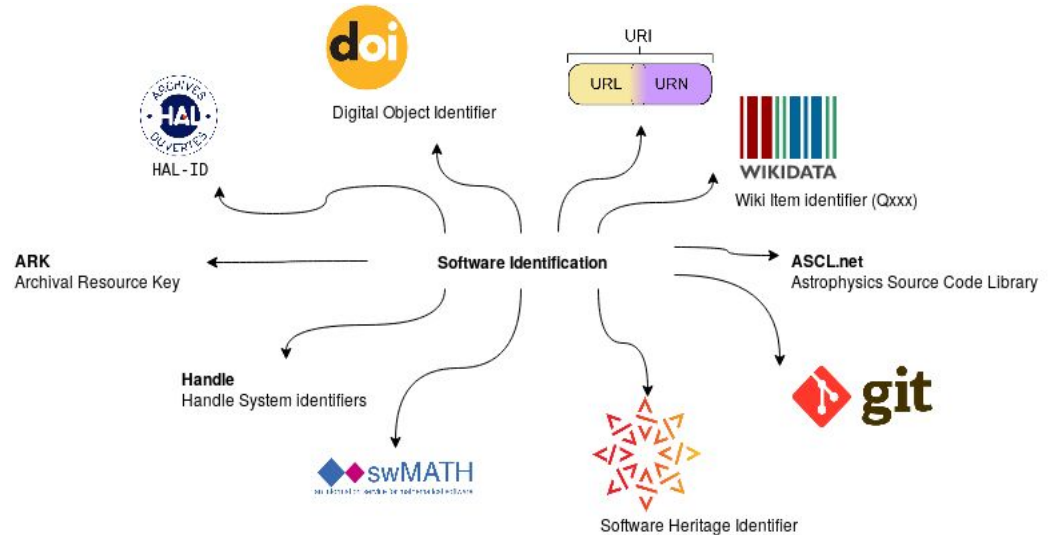
Identifiers for software	Metadata interoperability	Data quality & curation	Policies & incentives
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Identifiers for software

- Granularity of identification
- Correspondence between different identifier schemas
- Hacking the software citation graph
- Exploring synergies

Expected outcomes:

- A draft for the state of the art document with a collection of software identification use cases and software identifier schemas (SCID WG M12 goal).



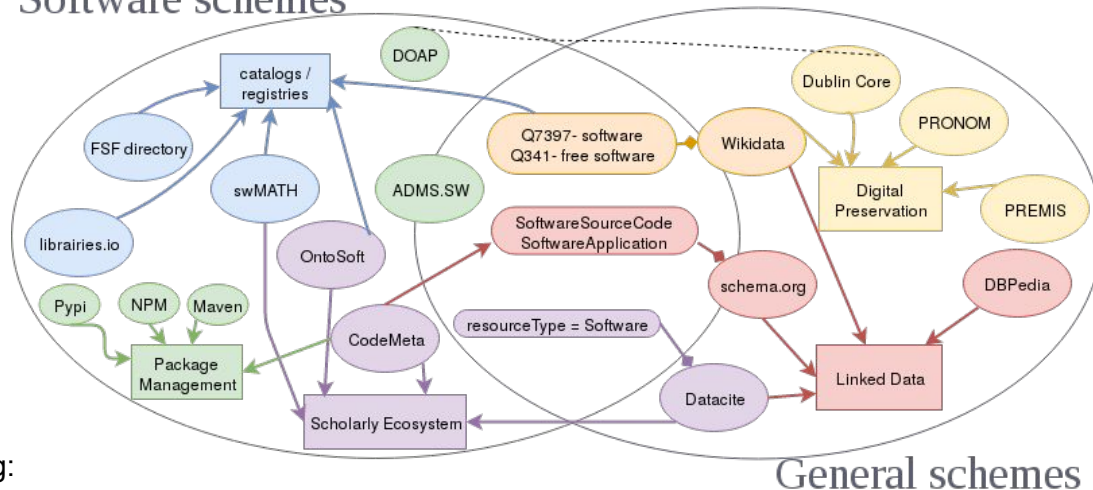
Metadata interoperability

- Metadata mapping (CodeMeta)
- Connections with WikiData
- Tooling

Expected (possible) outcomes:

- Review existing CodeMeta tools
- Improve and Hack metadata tools
 - From scratch to *codemeta.json*
 - Conversion tools between formats
 - BibTeX @software entry and BibLaTeX extension
- Discuss strategy for alignment with schema.org: prepare properties
- Define procedure to include new properties in CodeMeta & CodeMeta sustainability (as part of the Software Citation Implementation WG and its CodeMeta task force)

Software schemes

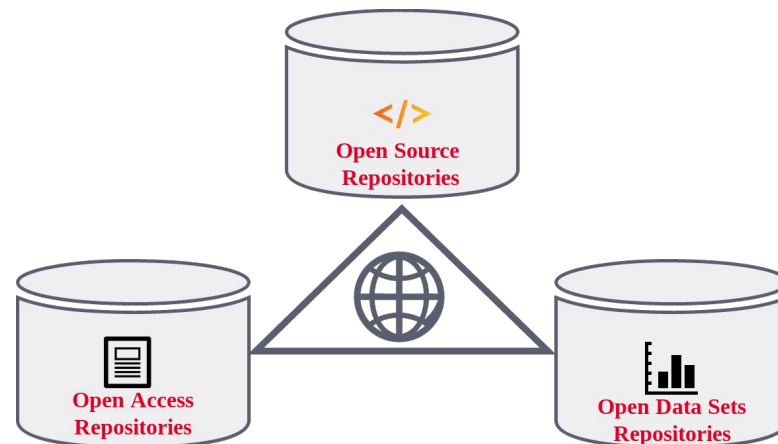


Data quality and curation

- Guidelines and checklists
- Moderation process
- Supporting reproducibility

Expected outcomes:

- Align guidelines: identify commonalities and differences
- Identify key points for consideration when dealing with quality curation

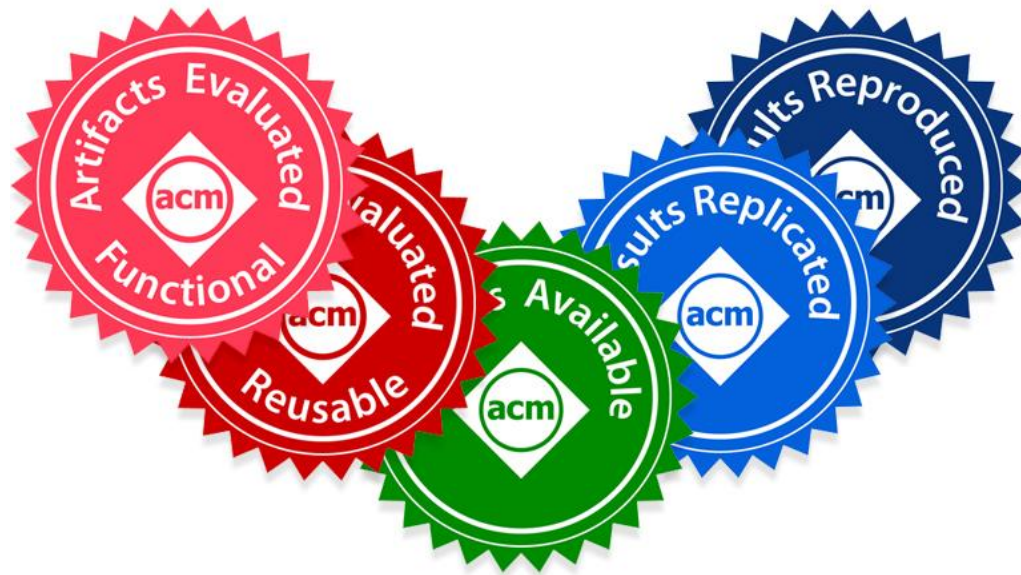


Policies and incentives

- Institutions
- Evaluation committees
- National research bodies
- Learned societies
- Publishers

Expected outcomes:

- Survey of practices in institutions, evaluation committees, national research bodies, learned societies, publishers





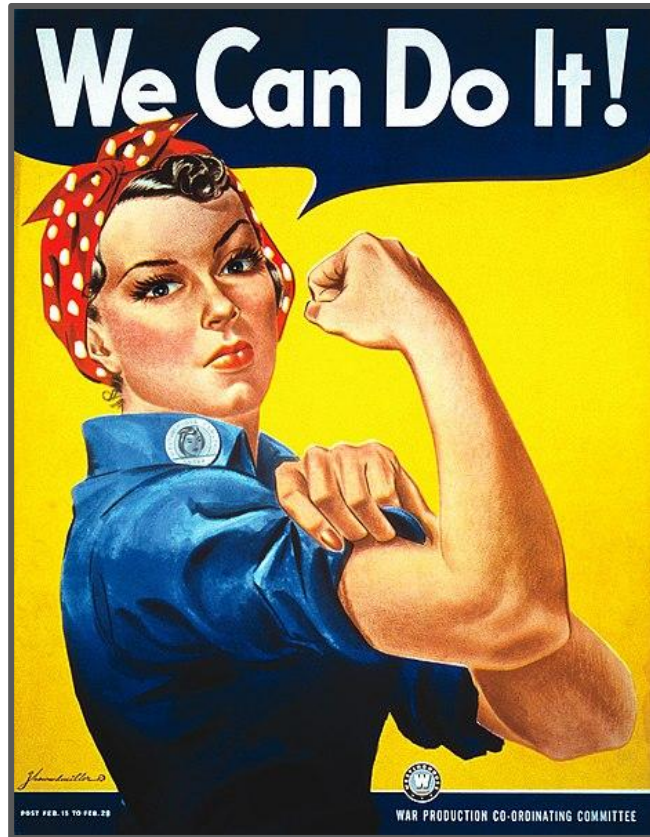
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- nominate a scribe/rapporteur
- review track description and expected outcomes
- define scope of the discussion
- discussion about challenge



Today's agenda



9:00 - 9:45 | Opening of the day- introductions

9:45 - 10:45 | Session 1 - Initialization

10:45 - 11:00 | Coffee break

11:00 - 12:00 | Session 2 - Discuss, design and draft solutions

12:00 - 13:30 | Lunch

13:45 - 15:00 | Session 3 - Implementation and results

15:00 - 15:15 | Coffee Break

15:15 - 16:00 | Session 3 - Prepare group presentation

16:00 - 17:00 | Brainstorming and Conclusions