Consortium of scientific software registries and repositories

Previous calls

Attendees (16:00 UTC call x; 23:00 UTC call z)

Alain Monteil, INRIA: HAL	X	Kristin Vanderbilt, IMCR	
Alejandra Gonzalez-Beltran, Science and Technology Facilities Council, UK Research and Innovation	x	Lorraine Hwang, Computational Infrastructure for Geodynamics	z
Alexandros Ioannidis, CERN: Zenodo	X	Matt Jones, NCEAS	
Allen Lee, ASU, CoMSES Net	X	Mercè Crosas, Harvard, HUIT , IQSS	
Anita Bandrowski, SciCrunch, UCSD	z	Michael R. Crusoe, CWL; Debian-Med (and friend of ELIXIR, ELIXIR-UK,FR,NL; EOSCPilot)	
Bruce Wilson, ORNL DAAC		Mike Hucka, Caltech, SBML	z
Bryce Mecum, NCEAS, UC Santa Barbara: CodeMeta		Ming Fang Wu, ARDC	z
Carly Robinson, DOE-OSTI		Morane Gruenpeter, Software Heritage	
Celine Sarr, DDMoRe repository		Moritz Schubotz, swMATH	x
Colin Smith, Environmental Data Initiative		Olaf Teschke, swMATH	
Daniel Garijo, Ontosoft, MINT	X	Peter Teuben, UMD, ASCL	
David Long, EiC for RSCL	X	Piotr Sliz, SBGrid Consortium	
Gregory Valentine, VHub		Sara Studwell, DOE-OSTI	X
Harry Bhadeshia, Materials Algorithms Project (MAP)		Shelley Stall, AGU	
Hervé Ménager, Institut Pasteur: ELIXIR bio.tools		Ted Carnevale,Neuroscience Department, Yale: ModelDB	x
Jeanette M. Sperhac, GHub		Tom Morrell, Caltech	x
Joy Ku, SimTK		Tom Pollard, MIT: PhysioNet	
Jurriaan Spaaks, Netherlands eScience Center: Research Software Directory		Wolfram Sperber, swMATH	
		Alice Allen, ASCL	x, z

Agenda

Early call:

      Quick introductions
      Promoting Group and Best Practices
      Governance ideas for this group
      Adding to/Updating [Repositories Fact Sheet](#)
      Presentation: Allen Lee, *[CoMSES Net](#) CodeMeta Support*
      Future meeting times
      Open discussion question: What do you want out of this group?

Late call:

      Quick introductions
      Promoting Best Practices
      Governance ideas for this group
          Ideas from earlier meeting
      Adding to/Updating [Repositories Fact Sheet](#)
      Presentation: Allen Lee, *[CoMSES Net](#) CodeMeta Support*
      Future meeting times
      Open discussion question: What do you want out of this group?

Summary of discussions

EARLY FEBRUARY 2021 CALL:

Governance ideas for this group

      Idea from FORCE11 software citation governance: 3 co-chairs with geographic diversity
      Would we split into smaller groups (working groups/task forces)?
         -    Possibly clarify what we want to work on first
      The two calls works well
      Gathering ideas for now; in the interim, Tom Morrell, Mike Hucka, and Alice will serve as co-chairs, and once the group decides on a governance model, the group will pick a date to implement it.

Promoting Group and Best Practices

      Alejandra had suggested to Alice (before the meeting) that we write a blog post to publicize and promote the Best Practices. In this meeting, she suggested that this post could then be published simultaneously in multiple places. She provided a [couple](#) of [examples](#). Interested individuals were asked to identify themselves; Alejandra, Daniel, Allen, and Alice will work on the blog post, and Tom Morrell's team will provide copy editing and additional promotion.

Adding to/Updating [Repositories Fact Sheet](#)

      The group was given a few minutes to add to/update the Repositories Fact Sheet with their resource's information. Tom asked whether we wanted to post the fact sheet to our GitHub repo; we will return to this question after everyone has had an opportunity to

add/edit information. We may want to gather additional information, too; several fields had been suggested after the fact sheet was created a few years ago.

Presentation

Inspired by the work that people shared when Alice asked for changes made after a workshop held in late 2019, she proposes that our meetings include a short presentation (8 minutes, with an add'l 2 minutes for Q&A) on work we are each doing. These presentations will be recorded so they are available to show in the meeting at which the presentation did not take place, but also to build a library of cool things people are doing. Allen Lee kindly agreed before the meeting to do the group's first "show and tell".

Presentation: Allen Lee, [CoMSES Net](#) *CodeMeta Support*

CoMSES Net has added support for codemeta.json files to its Computational Model Library. They have tooling that helps to create the file from metadata that is input when a model is added to the library. This file is then included in every model download. Having an object model that is already in codemeta makes it easy for them to then embed this information in the webpage for the entry as structured metadata, so watch the video for more information! Allen's presentation (MP4) can be downloaded from [here](#).

Future meeting times

The group +1ed having monthly meetings, with two scheduled on the same day as we've done today to accommodate different time zones. (We found in a previous activity that two calls also speeds up the work the group does.)
Attendees also +1ed holding meetings on the second Thursday of the month; if we learn that this does not work for most, we will conduct a Doodle poll.

Open discussion question: What do you want out of this group?

David said the Best Practices have been useful, and it's nice to see what other people do/have done. Alice mentioned that this year, the ASCL will be concentrating on adopting the Best Practices. Daniel asked how we can help our users see that following the Best Practices benefits them, and Allen mentioned that other groups are also interested in software, that an RSE group is forming in the US, and that Science Gateways is also focused on software. How can Best Practices bring value to our efforts?
Daniel asked, "How are we supporting the FAIR principles?" Alejandra pointed out that by implementing the Best Practices, by following them, we may be able to share metadata, enable search across repositories. Tom would like us to work on improving translation to CodeMeta, and improving CodeMeta itself through better examples and how to do the implementation of the format. Alejandra +1ed to Tom's comment, and said Allen's work could be great to provide the CodeMeta group with examples. Daniel thinks there is a unique opportunity to start tracking the impact of good metadata/code availability for citations and impact for users.

LATE FEBRUARY 2021 CALL:
Governance ideas for this group

Ideas from earlier meeting

Polling on having 3 co-chairs and 2 calls/meeting day was consistent with the early meeting attendees: in favor of both

Promoting Best Practices

Alice shared information from the earlier meeting on Alejandra's idea to write a blog post about the Best Practices and have it posted simultaneously on different sites

Adding to/Updating [Repositories Fact Sheet](#)

The group took a few minutes to update information about their resources
We discussed the question Tom had posed in the earlier meeting: do we want this fact sheet posted to our GitHub repo. Ming asked the purpose of the fact sheet; Alice said that initially, it was intended as a way to share information about our resources with each other, and that some of the questions it asked were to see where there might be areas for discussion in the group (for example, the question about whether entries are curated) or help with writing the Best Practices (for example, the question about editorial policy/scope statement). Alice said that she expects we will eventually list the names/affiliations/projects on the GitHub repo, similar to [what was done for the workshop](#); we will not make a decision on whether to post the fact sheet to the GitHub repo until a later date.

Presentation

Allen Lee, *CoMSES Net* CodeMeta Support
We watched the video of Allen's presentation via Alice sharing her screen. (That actually worked!)
Pertinent to Allen's presentation, Ming, who is part of the international effort [Research Data Alliance](#), shared that that group had recently released [guidelines for publishing structured metadata](#). We don't need to reinvent the wheel on this! The guidelines include recommendations for validating structured metadata, and various other tools are available as well.

Future meeting times

There was general agreement that we do not want to meet more frequently than once a month, and a question as to whether we could meet less frequently. After some discussion, it was decided that Alice will conduct a Doodle poll to determine when monthly meetings should take place.

Open discussion question: What do you want out of this group?

Alice asked attendees what they want out of this group, why they spent the time today to attend this meeting. Lorraine said one thing she would like to know is how we, this group/our resources, can support publishing? Mike would like the group to keep trying to help interoperability; Anita agreed that interoperability is a good reason for the group. Lorraine also wants the group to adopt/help with Best Practices including citation, and Mike seconded that. Anita mentioned the varying customers our resources serve, including publishers, and that we need to hear from them; she works a lot with publishers so can help bring information about those customers to our meetings. Ming expressed agreement with hearing from the customers.

Action Items

- Alejandra, Alice, and Daniel will write a blog post about the Best Practices and send it to Tom Morrell for copyediting
- Alice will create a Doodle poll to find acceptable meeting days and use its results to schedule subsequent meetings