

Data Citation Implementation Pilot (DCIP) Executive Committee Meeting, October 21, 2015

Attendees: Tim Clark (chair), Stephanie Hagstrom, Joan Starr,

Regrets: Jeffrey Grethe, Carol Goble, Simon Hodson, Maryann Martone, Jo McEntyre

1. Expectation and Help Provided

- Draft a set of direct expectations for three teams: 1) Publishers, 2) Repositories, and 3) Experts
 - o A fourth team exists to focus on facilitating communication
 - o Researchers are the target of the project/pilot participants
 - o We also need a representative from the Exec or a delegate from the larger group to work closely with and organize the above teams
 - Representative will need to review expectations with each team and ensure that they are realistic
 - o Citation management tools (e.g., Zotero, Mendeley)
 - Tim has contacted someone from Zotero and will contact others
 - We need to make it as easy as possible for researchers to cite data
 - These are software packages – since this is only a one year pilot, all we can do is make them aware of the issue (researchers not citing their data)
 - The response of citation managers is often that this would be a feature request and they need to see a demand for it from the user community
 - o How is this pilot different from the data citation implementation group that Tim and Joan worked on last year?
 - It is different because that group published a [paper](#)
 - With this pilot, we want to have people implementing what was described in that paper - to have researchers cite their data to validate and bench test what the paper proposed
 - o Joan suggested changing the pilot approach to focus on one or two publishers working with one or two repositories to assess what they need to move forward
 - We drafted expectations as a means to assess readiness
 - The reason we have three teams is to assess the readiness of publishers and repositories and to smooth the process with experts
 - They have to be prepared to use the modern [JATS revision](#)
 - o Debbie Lapeyre, Jeff Beck, and Daniel Mietchen are advising this process
 - Will use Debbie Lapeyre's [white paper](#)
 - Publishers need to determine which repositories are okay to publish data in – we need a list
 - Repositories need globally resolvable identifiers
 - o Team Expectations:
 - Publishers must be willing to:

- Publish articles with cited data using JATS,
 - Require data deposition by authors,
 - Check if data is properly archived,
 - Format their citation data into JATS format, and
 - Participate in discussions and share ideas.
 - Repositories must be willing to:
 - Review conformist criteria and document their own status of how ready they are;
 - Have a set of mandatory requirements to achieve a bronze status; and
 - Use IDs that resolve to the landing page (ideally, the landing page would be human and machine-readable – equivalent to a gold standard).
 - Should be coupled with content negotiation (DataCite uses this as a best practice)
 - Joan suggested that it may be a better idea to list repository participation not as “musts” and “shoulds” but as levels (i.e., platinum, gold, bronze, etc.)
 - Would still include terms for exclusion
 - Many repositories struggle with domain-specific metadata
 - Data reuse – how often does this happen?
 - Experts must be willing to prepare, guide, support and help researchers
 - The emphasis of this pilot should be on injecting the data into the ecosystem – we should not focus on how to reuse malformed components
 - Data reuse is nearly as critical an issue as data citation
 - Primary component of data reuse is the ability to examine a researcher’s data and determine if claims are valid and justified
 - Publisher press releases noting that they have achieved a certain level may be more impactful than publishing a paper – would be a good deliverable
 - Press releases are a good idea, we will still pursue paper publications in addition
2. Organizing responsibilities of the Exec.
 3. Critical additions to the team
 4. Next Steps
 - **Action:** Tim will define the repository level ranking, refocus the project deliverables, and change project groups to teams
 - He will restructure the project plan and send out for comments
 - How will we engage the Exec and organize the invited project members?
 - **Action:** The group structure should be discussed with the Exec – better to discuss first before inviting more members