

## “Diving Into Data”

### GROUP 1

#### Purpose & Goals:

The purpose of this activity is to articulate and internalize a shared understanding of the research agenda that all cohort projects are contributing to and how -- what we should be attempting to answer or inform - collectively - through our individualized work . Goals of this activity include determining how to parse the big question behind each metadata gathering activity - what is the value for broader community stakeholders?; and what workflow/tool the group is going to use to ensure that our research is shared and accessible - both represented by individual projects and the cohort’s collective contribution.

#### Group Member Names:

#### Instructions:

**Step 1)** Review the set of shared data gathering activities we have planned:

- **Scenarios for Use and Access:** Articulating our use cases in greater depth; interviewing at least one user/reuser in order to verify our assumptions about the uses that may drive organizational investment or interest in programmatic software preservation.
- **Software & Collections Inventory:** A spot check to identify the software you have in your collections, as well as, how difficult it is to search and discovery software assets in your current repository environment.
- **Rating Curation-Readiness:** Testing evaluation tools that would help organizations determine where they are at - readiness informed by considerations raised in everyone’s projects: metadata, policies, upstream support, clearly articulated use cases, etc.
- **Peer Testing Documentation, Tools, Workflows:** As each group develops workflows and other tools like matrices, we want the group to respond - to gather that feedback in a systematic way so that each of you are able to rely on this cohort as a source of perspective and a source of data for improving your own deliverables.

**Step 2)** What bigger questions can we inform or answer with this type of data; how could this data advance the field? Does some of this data address internal and external stakeholder information needs that we discussed yesterday?

#### REPORT OUT

**Step 3)** Which tools can use as a group to consistently document the individual research that is undertaken as well as our broader data gathering activities? Where are we all willing to publish our stuff? What are reasonable expectations for due dates around documentation? What would be helpful or effective in motivating regular maintenance of the shared documentation space - monthly due dates or calls for documentation?

#### REPORT OUT

**Step 4) INDIVIDUAL BRAINWRITING** Are there sub questions to the research questions that you outlined in groups that your project is a unique position to address? If so

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how?

**REPORT OUT**

**STEP 2**

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**Which tools can use as a group to consistently document the individual research that is undertaken as well as our broader data gathering activities? Where are we all willing to publish our stuff?**

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**STEP 4**

**INDIVIDUAL BRAINWRITING Which questions are subquestions can be answered by your specific project/project plan? What data is being uniquely captured in your project? Upon reflection on today’s group work, do you have new research questions that you would articulate and answer explicitly as part of your project?**

**Institution 1**

- Ex. Would give institutions a minimal standard for technical metadata so that they have something to point to when doing initial processing/cataloging - this could assist institutions in developing more precise workflows and argue for why it takes so much time to catalog/process software accessions
- Ex. Project could clarify how documentation/metadata can assist with evaluating emulation/virtualization or when performing QC?
- Ex. What are the unique requirements for documenting custom software as opposed to commercial software? Are there unique requirements?