Enabling Data Flow between HASS and GLAMs

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GENERAL INFORMATION

- This workshop half-day.
- The primary presenter for the workshop is Ingrid Mason.
- The workshop does include a small hands-on component.
- There are no constraints on the number of attendees.
- There are no technical requirements beyond AV and access to wireless network.

DESCRIPTION

In an Australian context, researchers operating within the humanities, arts and social sciences (HASS) in universities, need access to data and expertise (data curation, digitisation, digital preservation, citizen engagement, and knowledge exchange) that lie inside and outside of the research sector, and, inside the public sector in GLAMs (Galleries, Libraries, Archives, Museums). There are close working relationships between collection and research support professionals in institutions in both sectors, and the research workflow and data runs across these institutional boundaries.

Collection access and research support professionals in both communities thus will be key participants in enabling cultural data and expertise around data curation to flow in Australia. Working in this space will involve: an awareness of the different roles GLAMs and universities play in enabling and conducting research, knowledge of trends in requirements for data and digital research methods in HASS, and, "infrastructure literacy" i.e. a more detailed understanding of the role the national research and education network (NREN) and the data access and movement services.

This workshop is an opportunity for participants to learn a little about the national research and education network and services (know the consequences of a megabit vs gigabit speeds for transfer times of data in mega-, giga-, tera- and peta-byte sizes), repackage and move some chunks of cultural data around, using a data access and transfer tool (CloudStor), and, discuss infrastructure literacy (data handling) in the context of increasing use of cultural data in HASS research.

FORMAT

1. Session introduction and workshop outline. **10 minutes**
2. An introduction to and use of (hands on) of CloudStor. **10 minutes**
3. Presentation and discussion on AARNet's engagement with GLAMs. **30 minutes**
4. Presentation and discussion on NREN and services. **10 minutes**
5. Presentation and discussion on infrastructure literacy, data handling, and, data access and transfer tools. **30 minutes**
6. Group activities and discussion on data handling using scenarios. **120 minutes**
7. Wrap up. **5 minutes**

WHO SHOULD ATTEND

This workshop is targeted at data managers, data librarians, collection managers and digital preservation or digitisation managers, and eResearch analysts. The workshop attendees will have an interest in learning about the network and services AARNet provides, specifically where and how those network and services may be integrated into different workflows in a range of organisational contexts. Attendees will have some knowledge of eResearch, digital object management, or research data management, and an interest in tools and techniques that support data and technology intensive workflows.

ABOUT THE PRESENTERS

Ingrid Mason. Deployment strategist (eResearch) for AARNet.
Chris Myers. Solutions consultant (architecture and applications) for AARNet.
Hilary Goodson. Strategic engagement (customer relations) for AARNet.
Guido Aben. Director (eResearch) for AARNet.