Welcome to the POWRR Institute!

@digitalPOWRR

This Institute is generously funded by the Institute of Museum and Library Services and co-sponsored by the Sustainable Heritage Network
Welcome to the POWRR Institute!

Overview of the Sustainable Heritage Network

Logistics

Cohort Model & Instructor Introductions

POWRR Plan

Agenda

POWRR Approach to the Digital Curation and Preservation Lifecycle

@digitalPOWRR
THE SUSTAINABLE HERITAGE NETWORK
Logistics

- Facilities
- Breaks & Noms
- Evaluations
- Technology
- Other Stuff....
Cohorts & Instructors

Sarah Cain
Stacey Erdman
Martin Kong
Maria Montengro

Dorothea Salo
Jaime Schumacher
Guha Shankar
Bari Talley
Your POWRR Plan

Document the current state of your digital preservation activities

Define your organization’s needs and set goals accordingly

Determine which particular challenges and advantages will guide your decisions

Document the knowledge acquired during the POWRR Institute

Capture a pilot solution model(s) and proposed workflow

Create an action plan with goals and activities defined at 3, 6 and 12 months
We’re gonna do WHAT???

Full Group Sessions
- Now
- Guest Speaker
- Storage 101

Cohort Stuff
- Sharing Circles
- Meeting
- Dinner!

Individual Consultations

Modules
- Case Study
- Preservation Models & Packages
- Walk The Workflow

Choose Your Own Adventure
- Tech Skills 201
- PROUD
- Web Archiving
- Archivematica
The POWRRR Approach

to the Digital Curation & Preservation Lifecycle
What We Discovered...

...it is NOT a lack of tools, services, and solution models preventing folks from making progress.
The POWRR Approach

What you need to consider when thinking about your digital stuff...

....looks a LOT like the same things you consider for your physical materials.
The POWRR Approach

Pragmatic

Realistic

Incremental
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<th>NDSA</th>
<th>DLF</th>
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<tr>
<td><strong>Storage and Geographic Location</strong>&lt;br&gt;Level 1 (Protect your data)&lt;br&gt;- Two complete copies that are not collocated&lt;br&gt;- For data on heterogeneous media (optical discs, hard drives, etc.) get the content off the medium and into your storage system</td>
<td>Level 2 (Know your data)&lt;br&gt;- At least three complete copies&lt;br&gt;- At least one copy in a different geographic location&lt;br&gt;- Document your storage system(s) and storage media and what you need to use them</td>
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<td><strong>File Fixity and Data Integrity</strong>&lt;br&gt;- Check file fixity on ingest if it has been provided with the content&lt;br&gt;- Create fixity info if it wasn't provided with the content</td>
<td><strong>File Fixity and Data Integrity</strong>&lt;br&gt;- Check fixity on all ingests&lt;br&gt;- Use write-blockers when working with original media&lt;br&gt;- Virus-check high risk content</td>
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<td><strong>Metadata</strong>&lt;br&gt;- Inventory of content and its storage location&lt;br&gt;- Ensure backup and non-collocation of inventory</td>
<td><strong>Metadata</strong>&lt;br&gt;- Store administrative metadata&lt;br&gt;- Store transformative metadata and log events</td>
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<td><strong>File Formats</strong>&lt;br&gt;- When you can give input into the creation of digital files encourage use of a limited set of known open formats and codecs</td>
<td><strong>File Formats</strong>&lt;br&gt;- Inventory of file formats in use&lt;br&gt;- Monitor file format obsolescence issues</td>
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The POWRR Approach

- Focus on workflows! Today’s hot new tools are tomorrow’s orphans.

- You will likely have different workflows for different sets of materials:
  - Backlog
  - Digitization Output
  - Born-digital Acquisitions

- Not all tools and services are created equal.

~ Start with the least scary project and approach it as a pilot ~
The Spectrum of Tools & Services

There are front-end/processing tools like.....
- Archivematica
- Data Accessioner
- BitCurator

There are back-end storage/preservation tools & services like.....
- MetaArchive
- DuraCloud
- Amazon Glacier
- Fixity
- Internet Archive

There are even some services that will pretty much do it all like....
- Preservica
- Dspace Direct
- ArchivesDIRECT

Technical skill available + Amount of annual funding devoted to DP = Range of tools to consider
Discover Your Advantages

- **Less red tape**
  - You only need to convince the person one level above you to get what you need.
- ** Fewer levels between you and decision-makers**
- **Self-administered workstations**
- **Personnel-heavy operating model**
- **Higher cash flows and less digital materials**

**Quickly set up accounts/pilots with hosted services.**

**Want to install a simple open source tool? Go for it!**

**Ideal for running a *free* robust tool that may require a developer and server administrator.**

**You can purchase a reasonably-priced, hosted soup-to-nuts solution.**
The POWRR Approach
Sharing Circles until 10:00

**Intros:** Name, Institution, Position

**Dig In:** What brought you to the POWRR Institute?
What are the biggest challenges you’ve faced thus far?
Just let it all out!

**Discuss:** How can we make the most out of this opportunity?
What are some of the “sweet spots” we may have?
What do we think will be served at lunch?

**Rules of Engagement:**
Each participant will not exceed 5 minutes “digging in”
No interrupting... jot down your thoughts and share during the discussion
Be an active listener
Individual POWRR Plan Work

Document the current state of your digital preservation activities

Define your organization’s needs and set goals accordingly

Determine which particular challenges and advantages will guide your decisions

Document the knowledge acquired during the POWRR Institute

Describe your pilot materials and capture a solution model(s) and workflow

Create an action plan with goals and activities defined at 3, 6 and 12 months

Break: 10:15 – 10:30