

Preservation and Archiving Solutions Community

- Community Overview
 - Goals, Charter
 - Progress to date
- Survey Overview
 - 122 Respondents
 - 50+ signed up for the listserv

Are you currently preserving and archiving digital materials?

Fedora Commons Preservation Community Survey		
Are you currently preserving and archiving digital materials?		
Answer Options	Response Frequency	Response Count
Yes - Implemented	55.7%	68
Yes - planned not implemented	36.9%	45
No (will skip to additional information page)	7.4%	9
<i>answered question</i>		122
<i>skipped question</i>		1

Please indicate the types of materials

Fedora Commons Preservation Community Survey

Please indicate the types of materials you are preserving (check all that apply).

Answer Options	Response Frequency	Response Count
Research data	45.5%	40
Library materials	63.6%	56
Cultural materials / special collections	59.1%	52
Institutional records/archives	62.5%	55
<i>answered question</i>		88
<i>skipped question</i>		35

Research Data Disciplines

- Accounting and Informatics
- Art History
- Archaeology
- Atmospheric science
- Astronomy
- Biology
- Chemistry
- Earth sciences
- Economics
- Engineering
- Environmental science
- Geographical & spatial data
- Geology
- Genetics
- Government
- Health Sciences
- History
- Humanities
- Industrial Psychology
- International Business
- Law and legal documents
- Literature and Literary studies
- Legal
- Management Sciences
- Medical
- Natural history
- Neuro-science
- Oceanography
- Political science
- Population
- Public administration
- Physics
- Physiology
- Psychology
- Seismology
- Social Science
- Sociology

Are you using an open source platform?

Fedora Commons Preservation Community Survey

Are you using an open source platform for preservation and archiving?

Answer Options	Response Frequency	Response Count
Yes	71.6%	63
No	28.4%	25
<i>answered question</i>		88
<i>skipped question</i>		35

Which open source platform are you using?

Fedora Commons Preservation Community Survey		
If yes, please indicate which platform(s) you are using and provide url in box provided, if relevant or accessible:		
Answer Options	Response Frequency	Response Count
Fedora	45.0%	27
Dspace	43.3%	26
Eprints	6.7%	4
Greenstone	5.0%	3
Other (include platform with url)	21.7%	13
<i>answered question</i>		60
<i>skipped question</i>		63

What would be most useful to you?

- Information sharing and clearinghouse
 - Learn what others are doing
 - Examples of policies
 - Best practices and guidelines for preservation across all types
 - Plans and ideas for the scalability of services
 - Case studies
 - Authoritative reference on standards-based open formats
 - Better ways to develop synergies and partnerships (“we’re all reinventing the wheel”)
 - A TRAC/OAIS certification process
 - Experiences on applying the OAIS reference model
 - Models and use cases from other research libraries
 - An on-line community to be part of and a place of asking questions; a social platform; a community blog
 - A good user group
 - A global framework for digital repository standards

Useful to you? (continued)

- **General System and Preservation-related Tools**
 - A common object model for different object types with methods for extending the model, including archive and access formats
 - Tools for managing digital preservation across different hardware, applications, and geographic locations
 - “Out of the Box” software that is easy to install
 - An open pluggable preservation services environment
 - Batch processing tools for tasks such as checksums and format conversion
 - Improve statistical record keeping
 - Risk management tools
 - Frameworks for migration that use workflow engines for ease of customization
- **Files and Formats**
 - Reporting versions of files and formats
 - Registry services for formats
 - Format identification services
 - Bulk format transformation (within or external to the repository)
 - Better integration of format registries
 - Models and descriptions of how repositories are using JHOVE and GDFR/Pronom

Useful to You? (continued)

- Fedora Specific Needs
 - System/storage architectures for large datasets that integrate Fedora and commercial storage
 - Support of a dark archive
 - Audit trails for datastreams that are stored external to Fedora (“managed external”)
 - A better way to verify checksums
 - A PREMIS metadata export
 - Fedora content models for digital preservation which would support common preservation actions
 - What Fedora-based solutions are being implemented
 - A repository of content models
 - Easily deployable software; “smaller universities can’t use Fedora because of the IT experience required “
 - Package Fedora with administration tools (e.g. Fez, Muradora) and with default content models

Useful to You? (continued)

- **Metadata**
 - Methods for integrating metadata standards
 - Tools for handling controlled vocabularies
 - Robust api's for metadata harvesting
 - Enriched metadata for preserving and reusing raw data
 - Tools that support the creation, viewing, and updating of PREMIS metadata
- **Scholarly Communication**
 - Tools to measure publication equivalent factors
 - Disciplinary models for science data including standards, tools, and methods