ETD Preservation Survey Results

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Robert Gordon University
What is Digital Preservation?

- Systematic management of digital works *over an indefinite period of time*
  - Processes and activities that ensure the continued access to works in digital formats
  - Requires ongoing attention--constant input of effort, time, and money.
  - Technological and organizational change are obstacles for preserving beyond a few years.
The NDLTD and the MetaArchive Cooperative share a goal

- Help higher education institutions provide long-term open access to ETDs

- NDLTD members can achieve this goal by becoming part of the ETD Archive

- Join the DDPN
  - Distributed Digital Preservation Network
Distributed Digital Preservation Network
Web Crawls and Audits Content Integrity
95 Responses to ETD Preservation Survey

- 15% Assoc. of Research Libraries
- 11% Assoc. of SE Research Libraries
- 9% Council of Graduate Schools
- 10% Digital Library Federation
- 32% NDLTD, ETD listserv
- 23% Others
Viewing Results for Digital Preservation of ETDs

1. Does your institution accept electronic theses and dissertations (ETDs)?
   *If not, please go to no. 9 below.*

   ![Pie chart showing 97.96% of responses are yes, 2.04% no.](chart1.png)

   97.96% of the people who took this survey (96 / 98) answered this question.

1a. If so, does your institution accept only electronic versions?

   ![Pie chart showing 78.57% of responses are yes, 21.43% no.](chart2.png)

   78.57% of the people who took this survey (77 / 98) answered this question.

1b. If so, does your institution also maintain print copies?

   ![Pie chart showing 76.53% of responses are yes, 23.47% no.](chart3.png)

   76.53% of the people who took this survey (75 / 98) answered this question.
ETD File Formats

- 85% PDF
- 30% JPG
- 27% WAV
- 24% GIF
- 23% HTML, MOV
- 21% AVI, MP3

MetaArchive Conspectus Database
Platforms, Institutional Repositories with ETDs

- 26% DSpace
- 13% ETD_db
- 3% Fedora
- 1% Eprints
- 29% Locally developed systems
- 29% Others
Structure of ETD Collections

- 25% Subject-like categories
- 21% Everything-in-one
- 21% Year*
- 9% Accessibility
- 7% Degree
- 5% Author

* Recommended by MetaArchive
8. Does your institution have a formalized preservation plan for its ETDs?

If so, and you are willing to share, please send it to gailmac@vt.edu.

- **No** (70/96 responses) - 72.92%
- **Yes** (26/96 responses) - 27.08%

97.96% of the people who took this survey (96 / 98) answered this question.
Would your institution be interested in participating in an ETD-specific LOCKSS-based collaborative distributed digital archive sponsored by the NDLTD?

- **Yes**: 41.67% (40/96 responses)
- **Maybe**: 58% (48/96 responses)
- **No**: 8.33% (8/96 responses)
If your institution is interested in the ETD Archive, is there a preference for

<table>
<thead>
<tr>
<th>Preference</th>
<th>Percentage</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dark archiving (i.e., inaccessible to the public)</td>
<td>18.99%</td>
<td>(15/79 responses)</td>
</tr>
<tr>
<td>Open archiving with public access</td>
<td>40.51%</td>
<td>(32/79 responses)</td>
</tr>
<tr>
<td>Dim archiving (i.e., designated files inaccessible but others available to the public)</td>
<td>40.51%</td>
<td>(32/79 responses)</td>
</tr>
</tbody>
</table>
10b. If yes, what level of participation might your institution support?
(select only one)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
<th>Responses</th>
</tr>
</thead>
<tbody>
<tr>
<td>46.67%</td>
<td>Contributing: have your ETDs preserved by a distributed network without sharing preservation responsibilities for other institutions</td>
<td>35/75 responses</td>
</tr>
<tr>
<td>24%</td>
<td>Sustaining: preserve your ETDs in the distributed network, share preservation responsibilities by running a secure server for the network, and contribute to the growth and maintenance of this network both technically and organizationally</td>
<td>18/75 responses</td>
</tr>
<tr>
<td>29.33%</td>
<td>Preservation: both preserve your ETDs in the distributed network and share preservation responsibilities by running a secure server for the network</td>
<td>22/75 responses</td>
</tr>
</tbody>
</table>

76.53% of the people who took this survey (75 / 98) answered this question.
Organizational Workflow

- Contributing Member
  - Selects initial collections
  - Submits collections and documentation for ingest
  - Checks ingested collections to ensure correct harvest
  - Regularly monitors collections via reports sent by MetaArchive

- Institution joins MetaArchive
  - Preservation Member
    - Attends workshop training
  - Sustaining Member
    - Selects initial collections
    - Purchases and sets up equipment
    - Sets up software components
    - Harvests collections, including their own
    - Makes technical staff available for testing and programming tasks
    - Monitors and performs regular updates on their node and monitors institutional collections across nodes
Need information about

- 55% Costs
- 23% Human resources
- 18% Hardware
- 14% Responsibilities; technical
- 12% Access
- 11% Policies
- 9% Procedures

Comments

- 20% A welcome opportunity
- 15% Concerns about functionality
8. Does your institution have a formalized preservation plan for its ETDs?
   
   *If so, and you are willing to share, please send it to gailnac@vt.edu.*

   ![Pie chart](chart1.png)

   - **Yes**: 27.86% (26/96 responses)
   - **No**: 72.14% (70/96 responses)

   97.96% of the people who took this survey (96/98) answered this question.

9. Do you have experience with or knowledge of LOCKSS-based preservation networks?

   ![Pie chart](chart2.png)

   - **Yes**: 76.21% (66/94 responses)
   - **No**: 23.79% (28/94 responses)

   95.92% of the people who took this survey (94/98) answered this question.

10. Would your institution be interested in participating in an ETD-specific LOCKSS-based collaborative distributed digital archive sponsored by the NDLTD?

   *If not, please go to no. 11 next.*

   ![Pie chart](chart3.png)

   - **Yes**: 41.67% (40/96 responses)
   - **No**: 8.33% (8/96 responses)
   - **Maybe**: 50% (48/96 responses)

   97.96% of the people who took this survey (96/98) answered this question.
There’s still time to participate in the ETD preservation survey.

- [http://lumiere.lib.vt.edu/surveys/](http://lumiere.lib.vt.edu/surveys/)
- Select Digital Preservation of ETDs
- The results are immediately available
- [http://lumiere.lib.vt.edu/surveys/results/](http://lumiere.lib.vt.edu/surveys/results/)