Libraries Digital Program Division (LDPD)

Overview
LDPD Staff

- Ben Armintor, Lead Programmer/Analyst
- Robbie Blitz, Digital Projects Librarian
- Terry Catapano, Special Collections Analyst
- Fred Duby, Programmer/Analyst
- Candice Kail, Web Services Librarian
- Dmitri Laury, Senior Web Systems Manager
- Eric O'Hanlon, Programmer / Analyst
- Erik Ryerson, Web Designer / Developer
- Dina Sokolova, Digital Preservation Librarian (through 9/30/2016)
- Stephen P. Davis, Director
LDPD Task Areas
Support for Libraries’ Web Properties / Applications

**Staff:** Candice Kail, Dmitri Laury, Eric O’Hanlon (in part), Erik Ryerson (in part)

<table>
<thead>
<tr>
<th>Content support</th>
<th>Application support</th>
</tr>
</thead>
<tbody>
<tr>
<td>• LibraryWeb</td>
<td>• Adobe Enterprise Management CMS</td>
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<tr>
<td>• Behind the Scenes</td>
<td>• Wordpress</td>
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<tr>
<td>• StaffWeb</td>
<td>• LibGuides</td>
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<tr>
<td>• Alumni/Friends</td>
<td>• Aeon</td>
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<tr>
<td>• CUL Blogs</td>
<td>• ProQuest/Serials Solutions</td>
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<tr>
<td>• CUL Wikis</td>
<td>• Illiad Interlibrary Loan</td>
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<tr>
<td>• Usability / Assessment</td>
<td>• Library Hours application</td>
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<tr>
<td>• Staff Training</td>
<td>• Bedework</td>
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<tr>
<td>• Archives / Oral History Portal</td>
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Support for Digital Library / Born-Digital Projects

**Staff:** Robbie Blitz, Fred Duby, Eric O’Hanlon (in part), Ben Armintor (in part), Terry Catapano (in part), Erik Ryerson (in part)

<table>
<thead>
<tr>
<th>Content support</th>
<th>Application support</th>
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<tbody>
<tr>
<td>• Online Exhibitions</td>
<td>• Omeka</td>
</tr>
<tr>
<td>• Digital Library Collections Portal</td>
<td>• Fedora</td>
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<tr>
<td>• Collection Digitization</td>
<td>• Hydra</td>
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<tr>
<td>• Born-Digital Collections</td>
<td>• Blacklight</td>
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<tr>
<td>• Web Archives</td>
<td>• Hyacinth (Metadata Editor)</td>
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</tbody>
</table>
Consolidated Digital Collections Infrastructure

- SOLR 4.7
- Hydra 7
- Blacklight 5.5

FEDORA 3.8.1

4-Node EMC Isilon Cluster (on campus) 384 TB

- EMC Isilon Cluster (Syracuse, NY) 384 TB
- Off-site Tape System (Indiana U.)

Digital Collections Viewer

- Durst Subsite
- Ford IFP Subsite
- Other Subsites
  - Exhibitions
- Staff Collections Viewer

Columbia University Libraries / Information Services
# Support for Audio Visual Content

**Staff:** Dmitri Laury (in part), Erik Ryerson (in part), Dina Sokolova (in part)

<table>
<thead>
<tr>
<th>Content support</th>
<th>Application support</th>
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<tbody>
<tr>
<td>• <strong>Digitized A/V</strong></td>
<td>• Wowza Streaming Media Server</td>
</tr>
<tr>
<td>• <strong>Born-Digital A/V</strong></td>
<td>• Media Elements Player</td>
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<td></td>
<td>• Ffmpeg conversion software</td>
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<td>• Avalon Media System (evaluation)</td>
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<td>• Hyacinth (Metadata Editor)</td>
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# Support for Digital Preservation

**Staff:**  
Dina Sokolova *(in part)*, Terry Catapano *(in part)*, Ben Armintor *(in part)*

<table>
<thead>
<tr>
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| • Digitized, born-digital & delivered-digital content  
• Preservation Processing  
• Preservation Metadata  
• Asset Management | • FTK (Forensics Toolkit)  
• Archivematica  
• FRED (Forensic Recovery of Evidence)  
• Fedora / Hydra / Blacklight  
• Academic Preservation Trust  
• Digital Preservation Network |
Support for CUL Center for Digital Research and Scholarship

Staff: Ben Armintor (in part), Erik Ryerson (in part)

- Fedora support for Academic Commons (ongoing)
- Academic Commons application support, emergency maintenance (2015)
- CIAO web design support (2015)
- Next generation Academic Commons support (Hydra, Sufia, 2016)
Areas of Strength

• Talented and dedicated staff
• Exceptional programming resources
• Strategic internal / external collaborative initiatives
• Strong relationships with LITO, Preservation, CDRS
• Successful grantsmanship and grant-related capacity building
Gap Analysis

- Digital Preservation Capacity (staff and storage funding)
- A/V Expertise and Processing Capacity
- Usability / Assessment Capacity
- Training Capacity
- Project Management Capacity
- CUIT Support and Service
Pressure Points

• Burgeoning born- and delivered-digital content acquisition by special and general collections
• Proliferation of 3rd party software applications requiring support
• Inadequate usability testing
• Undefined need for Digital Humanities Support
• Unpredictable and unprioritized inflow of unexpected new projects