Making William Kilbride redundant
Pervasive preservation

- Lowering technical barriers to preservation adoption by *non-specialist* communities
- Facilitating widespread integration in *existing* disciplinary workflows
Better data management ➔
  
better data sharing ➔
  
better data reuse ➔
  
better science ➔
  
(and coincidentally) better impact factor

For much science, Excel is the database of choice (or practice)
Excel add-in and Azure web service for curating datasets expressed as spreadsheets

- **Best practice evaluation**
- **Metadata augmentation**
- **Persistent identification**
- **Citation generation**
- **Repository submission**

EML
EZID/DataCite
ONEShare
<table>
<thead>
<tr>
<th>Component</th>
<th>Scope</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay-as-you-go</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Content owner</td>
<td>One-time</td>
<td>1</td>
<td>producer</td>
<td>$1,646.31</td>
</tr>
<tr>
<td>Submission streams</td>
<td>One-time</td>
<td>1</td>
<td>workflow</td>
<td>$2,743.85</td>
</tr>
<tr>
<td>Preservation system</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development</td>
<td>Annual</td>
<td>1</td>
<td>system-year</td>
<td>$102,604.47</td>
</tr>
<tr>
<td>Operational support</td>
<td>Annual</td>
<td>1</td>
<td>system-year</td>
<td>$2,379.60</td>
</tr>
<tr>
<td>Servers</td>
<td>Annual</td>
<td>11</td>
<td>server-year</td>
<td>$7,973.40</td>
</tr>
<tr>
<td>Storage</td>
<td>Annual</td>
<td>1</td>
<td>TB</td>
<td>$390.00</td>
</tr>
<tr>
<td>Content consumer</td>
<td>Annual</td>
<td>100</td>
<td>consumer-year</td>
<td>$68.60</td>
</tr>
<tr>
<td>Analysis and planning</td>
<td>Annual</td>
<td>1</td>
<td>analysis-year</td>
<td>$34,425.65</td>
</tr>
<tr>
<td>Intervention</td>
<td>One-time</td>
<td>1</td>
<td>intervention</td>
<td></td>
</tr>
<tr>
<td>Administration</td>
<td>Annual</td>
<td>1</td>
<td>admin-year</td>
<td>$40,099.09</td>
</tr>
<tr>
<td>Management</td>
<td>Annual</td>
<td>1</td>
<td>mgmt-year</td>
<td>$12,977.13</td>
</tr>
</tbody>
</table>

Total Costs:
- Development: $102,604.47
- Operations: $40,099.09

Total: $142,703.56
Documenting, archiving, and sharing your data has never been easier. Use DataUp to create metadata, perform a best practices check, and post your tabular data to a repository for others to use.

Sign in to get started

Use DataUp for these tasks:

1. **Upload**
   - Upload tabular data to DataUp

2. **Best practices**
   - Perform a check for data best practices

3. **Describe data**
   - Describe your data with established metadata

4. **Generate citation**
   - Generate a citation with a persistent identifier for your data

5. **Post to repository**
   - Post your file to a data repository
Public collection in the UC3 Merritt repository...

- No eligibility requirements beyond CC0 licensing
- Local preservation

...which is a member node on the DataONE network

- Global replication
- Global high-level discovery
Collection: ONEShare DataUp collection

Object Lookup

Search object author, title, date or identifier.

Overview

object count: 14
version count: 107
file count: 1,307
total size: 2.8 MB

Help Topics

- About Merrill
- Adding Objects
- Retrieving Objects
- Merrill and metadata
- Using a manifest
DataUp
http://dataup.cdlib.org/
http://dataup.org/
https://bitbucket.org/dataup/main
http://www.slideshare.net/carlystrasser/dataup-webinar-20121002

Merritt
http://merritt.cdlib.org/
http://www.cdlib.org/uc3
uc3@ucop.edu

DataONE
http://dataone.org/