The Eastern Academic Scholars’ Trust
The EAST Collective Collection

title holdings

16,573,071

title sets

4,749,042

title sets held by one library in the group

50%

2,359,033 title sets

Title sets with > 10 aggregate uses

20%

939,819 title sets

Title sets represented in HathiTrust

39%

1,865,115 title sets
The EAST Retention Model

- Retain all holdings of scarcely held titles
- Retain up to 5 holdings of frequently used titles
- Retain one holding of every print title
  Pre 2011, non gov doc, not tech/textbook

6.1 Million / ~30%
EAST 6.1 Million? Really?

The goal: During Feb - April 2016 - 40 libraries validated 6000 titles

The data: OCLC/SCS generated lists - every nth title from random start

Now what??????
Google App Script to the Rescue!

Google Sheets for easy distribution, but wanted more control and ease for libraries, and consistency in data collection.

Google App Script!
```javascript
// get script properties for library name and sheet
var scriptProperties = PropertiesService.getScriptProperties();
var libraryName = scriptProperties.getProperty('libraryName');
var sheetID = scriptProperties.getProperty('spreadsheetID');
var catalogHttps = scriptProperties.getProperty('catalogHttps');

var sheet = SpreadsheetApp.openById(sheetID).getSheets()[0];
var stats = SpreadsheetApp.openById(sheetID).getSheets()[1];
var locs = SpreadsheetApp.openById(sheetID).getSheets()[2];

function doGet(e) {
  // Logger.log( Utilities.jsonStringify(e) );
  if (!e.parameter.page) {  // When no specific page requested, return
    return HtmlService.createTemplateFromFile('home')
  }
}
```
Libraries

<table>
<thead>
<tr>
<th>Title</th>
<th>Version</th>
<th>Identifier</th>
<th>Development mode</th>
<th>Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProductionLibraries</td>
<td>6</td>
<td>ProductionLibrary</td>
<td>on</td>
<td>x</td>
</tr>
</tbody>
</table>

Project properties

<table>
<thead>
<tr>
<th>Info</th>
<th>Scopes</th>
<th>User properties</th>
<th>Script properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property</td>
<td>Value</td>
<td></td>
<td>Delete</td>
</tr>
<tr>
<td>libraryName</td>
<td>Sample College Library</td>
<td></td>
<td>Delete</td>
</tr>
<tr>
<td>catalogHttps</td>
<td>true</td>
<td></td>
<td>Delete</td>
</tr>
<tr>
<td>spreadsheetID</td>
<td>17arO0Hht75voLu3UxQBlAv7tio0JLC8VjiOfi7gVXvA</td>
<td></td>
<td>Delete</td>
</tr>
</tbody>
</table>

+ Add row
<html>
  <head>
    <base target="_top">
    <link rel="stylesheet" href="//code.jquery.com/ui/1.11.4/themes/smoothn
    
    <!-! HtmlService.createHtmlOutputFromFile('Stylesheet').getContent(); ?
    <!-! var url = getScriptUrl();?>
    <!-! var libraryName = scriptProperties.getProperty('libraryName'); ?>
  </head>

  <body>
    <div id="banner">
      <h1>EAST Validation Study: Book on Shelf : ?= libraryName ?></h1>
    </div>
  </body>
</html>
Check the shelves to verify the presence of an item.

0 Items In Process (Clear)

Confirm Status of 9 items not found on shelf

7 In Process (Clear)

CURRENT STATS

6000 volumes are on your list, 186 of which have been checked.

Accounted for: 169
At the current rate you will find 90.9% on shelf.

97.6% of the accounted for items are physically present on the shelf.

Items remaining to be checked, by location:

<table>
<thead>
<tr>
<th>Location</th>
<th>Remaining</th>
</tr>
</thead>
<tbody>
<tr>
<td>ba</td>
<td>638</td>
</tr>
<tr>
<td>baf</td>
<td>291</td>
</tr>
</tbody>
</table>
# Validation Sample Study #1

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## CHECK SHELVES

Check the shelves to verify the presence of an item.

12 Items In Process (Clear)

---

## Enter Your Initials:

- **Location:** ba
- **How many?** 10

---

<table>
<thead>
<tr>
<th>AC75 .A7 2</th>
<th>[Articles] por German Arciniegas.</th>
<th>bcf</th>
</tr>
</thead>
<tbody>
<tr>
<td>3179604562050</td>
<td>Present ☐ Not On Shelf ☐</td>
<td>Condition: (?)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AC75 .R67</th>
<th>[Articles] / por Joaquin Roy.</th>
<th>bcf</th>
</tr>
</thead>
<tbody>
<tr>
<td>31796101408595</td>
<td>Present ☐ Not On Shelf ☐</td>
<td>Condition: (?)</td>
</tr>
</tbody>
</table>

---

https://github.com/samato88/EastValidationTool
### EAST Validation Dashboard

#### EAST Validation Sample Study 1 Dashboard

<table>
<thead>
<tr>
<th>Animal</th>
<th># Checked</th>
<th>% Accounted For</th>
<th>% Average Condition</th>
<th>% Average in Circulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>alligator</td>
<td>6000</td>
<td>97.1%</td>
<td>2.4%</td>
<td>3.4%</td>
</tr>
<tr>
<td>armadillo</td>
<td>6000</td>
<td>94.8%</td>
<td>2.1%</td>
<td>2.4%</td>
</tr>
<tr>
<td>axolotl</td>
<td>6000</td>
<td>98.4%</td>
<td>2.1%</td>
<td>3.2%</td>
</tr>
<tr>
<td>bat</td>
<td>6000</td>
<td>94.3%</td>
<td>2.4%</td>
<td>0.9%</td>
</tr>
<tr>
<td>lemur</td>
<td>6000</td>
<td>91.6%</td>
<td>2.1%</td>
<td>5.3%</td>
</tr>
<tr>
<td>wolf</td>
<td>6000</td>
<td>91.0%</td>
<td>2.1%</td>
<td>0.4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># Checked</th>
<th>% Accounted For</th>
<th>Average Condition</th>
<th>% Poor</th>
<th>% Validated by Barcode</th>
<th>% In Circ</th>
</tr>
</thead>
<tbody>
<tr>
<td>240,000 (100%)</td>
<td>97.0%</td>
<td>2.2 (1=poor, 2=average, 3=excellent)</td>
<td>10.0</td>
<td>87.1</td>
<td>2.3</td>
</tr>
</tbody>
</table>
Couple of "Gotcha’s"

Tool was designed to be able to be used offline, BUT issues arose when wi-fi was intermittent

HTML5 Offline Storage to cache work being done rather than rely on webpage remaining up
Result of VSS#1

• 97% of monographs accounted for
• 90% in average or excellent condition, 10% poor
• Further data analysis in process

Items publisher pre-1900 are in poorer condition
Widely circulated items are slightly more likely to be unaccounted for
Largest vulnerability where single copy held at low availability library
  (no security system for many years, mangled inventory process)
Insights from statistician – 70,000 at risk titles

1 copy nothing we can do, retaining 2 of everything bumps up commitment to 45%, not acceptable to partners

“Among monographs with greater than 7.5% likelihood of being missing or greater than 50% chance of being in poor condition, ~70,000 have surplus copies in EAST.”

Currently asking partners if they will consider extra retentions. If not, titles will be allocated in cohort 2 whenever possible.