5-2-2019

Marketing Book Collections: Creating Digital Displays Using Alma Analytics

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Marketing Book Collections: Creating Digital Displays Using Alma
Analytics

MARKETING BOOK COLLECTIONS:

CREATING DIGITAL DISPLAYS USING ALMA ANALYTICS

PRESENTED BY TRAVIS CLAMON
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EAST TENNESSEE STATE UNIVERSITY

PURPOSE FOR THIS PRESENTATION

- This presentation will focus on our efforts to market New Books (both physical and electronic)

- The application itself however can be applied for other purposes - just modify the scope of the analytics report

SOME BACKGROUND

- Sherrod Library – Main Campus

- Medical Library

- Roughly 14,000 FTE

- Our physical book acquisitions are low and triggered mainly by loan or purchase requests.

- EBSCO eBook Subscriptions (~200,000 titles)

- Safari Books (30,000 titles)

- JSTOR and SAGE DDA

- Clinical Books (ClincalKey, StatRef, etc.)

HOW WELL ARE WE MARKETING?

- We rely on the expectation that users will periodically search our systems to discover newly acquired titles.

- Static lists and displays require tedious time and effort to maintain

- Electronic Book subscriptions models are dynamic. The number of additions and deletions often reaches the thousands as eBook vendors release updates throughout each semester.

- Physical displays only reaches in-house users.

WHAT WE TRIED

Syndetics Trial

- Holdings upload was tedious
- No way to process a delete file
- Selection criteria for sliders was limited.

Basic HTML5 Slider

- Created 60+ reports manually
- Changes were hard to incorporate. Involved changing all reports.
- One template. Not responsive

WHAT WE NEED - REQUIREMENTS

- Implement widgets on subject guides, webpages, and digital displays.

- Multiple templates to choose from such as slider widgets and generated table lists.

- Create a widget based on a particular subject, format, or physical location.

- Ease of use; Limited technical expertise needed to create a widget

DEVELOPMENT

- Rewrite occurred over the past 6 months

- Developed using PHP and jQuery.

- Two separate modules
  - books-feed = stored internally, called via command-line; automated by cron
  - books-display = public web; end-user

HIGH LEVEL OVERVIEW

"books-feed"

"books-display"

Alma Analytics
- Electronic Report
- Physical Report
- "New Book" Filter Criteria

API

Data Transformation and Storage
- Display Fields
- Primary ISBN
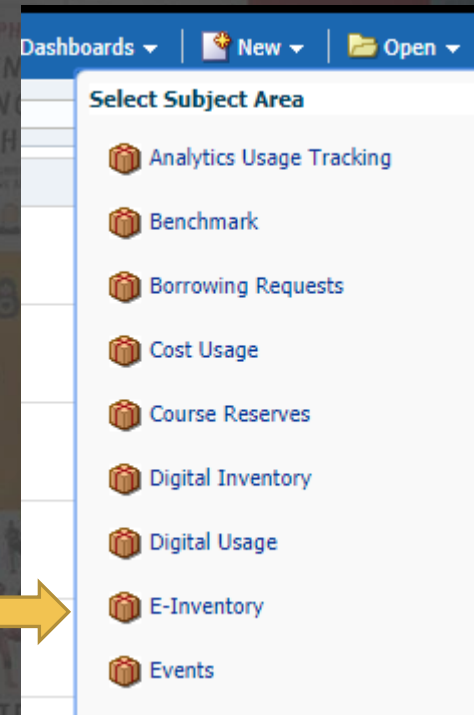- Linking
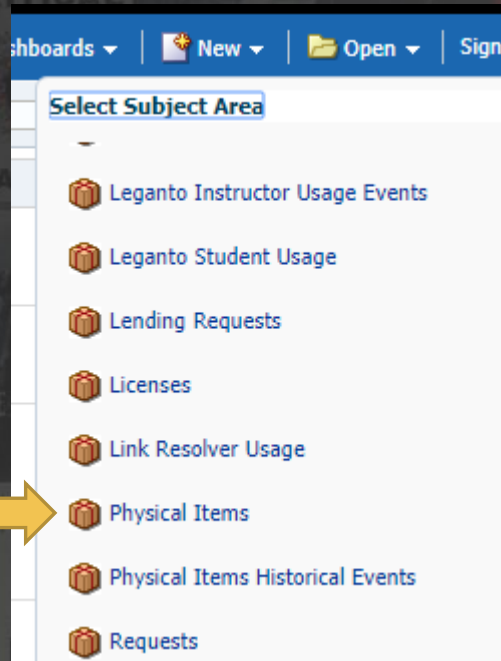- Cover Images

Array File

Selection and Display
- Selection Menu
- Results Filtering
- Display Templates
  - Slider Widgets
  - Digital Displays
  - DataTables List

ALMA ANALYTICS – NEW BOOKS

- **Physical Report**

- Electronic Report

ALMA ANALYTICS – FIELDS

	Physical Items Report	E-Inventory Report
Title	Bibliographic Details -> Title	
Author	Bibliographic Details -> Author	
ISBN	Bibliographic Details -> ISBN (Normalized)	
Publication Date	Bibliographic Details -> Publication Date	
Upload Date	Physical Item Details -> Creation Date	Portfolio Creation Date -> Portfolio Creation Date
Subjects	Bibliographic Details -> Subjects	
LC Classification Group	LC Classifications -> Group1 LC Classifications -> Group2 LC Classifications -> Group3 LC Classifications -> Group4	
Call Number	Holding Details -> Permanent Call Number	N/A
Location Code	Location -> Location Code	N/A
Location Name	Location -> Location Name	N/A
Collection	N/A	Electronic Collection -> Electronic Collection Public Name
MMS_ID	Bibliographic Details -> MMS Id	

DEFINING OUR REPOSITORY
WHAT IS OUR DEFINITION OF "NEW"

- Repository Size – may vary (Max 5k)

- How do we classify "new" electronic items vs physical items
  - Portfolio/Item creation date

- Publication Date

- ISBN must exist

- Material Type

- Availability

- Optional: Specify electronic collections and/or locations

E-INVENTORY
REPORT FILTERS

◢ **Filters**

Add filters to the analysis criteria by clicking on Filter option for the specific column in the Selected Columns pane, or by clicking on the filter button in the Filter pane header. Add a saved filter by clicking on add button after selecting its name in the catalog pane.

Publication Date contains any YEAR(CURRENT_DATE)+1; YEAR(CURRENT_DATE); YEAR(CURRENT_DATE)-1; YEAR(CURRENT_DATE)-2

AND No. of Portfolio (In Repository) is not equal to / is not in 0

AND ISBN (Normalized) is not null

AND Portfolio Creation Date is greater than CURRENT_DATE-180

AND Availability is equal to / is in Available

AND Available For Group Members contains any ETSU Quillen College of Medicine Library; emain; eva; ETSU Quillen College of Medicine Library; emain; eva; nescc; emain; eva; emain; eva; nescc

AND Electronic Collection Public Name is equal to / is in AHA eBooks Library; APA PsycBooks; APA Style Central; Access Medicine; AccessPharmacy; ClinicalKey Books; EBSCO eBooks Business Collection; EBSCO eBooks Clinical Collection; EBSCO eBooks EngineeringCore Collection; EBSCO eBooks History Collection; EBSCO eBooks Religion Collection; EBSCOhost Academic eBook Collection (North America); EBSCOhost Ebooks; ENGnetBASE; ENGnetBase; Elsevier ClinicalKey Books; JSTOR Books; JSTOR E-Books; PsycINFO; R2 Digital Library; Safari Books Online; STAT!Ref Medical E-Books; Stat!Ref Nursing E-Books; SAGE Research Methods; Sage Knowledge E-Books; Taylor & Francis eBooks (Perpetual Access); Taylor & Francis Evidence Based Acquisition eBooks; Thieme MedOne E-Book Library

PHYSICAL ITEMS
REPORT FILTERS

Filters

Add filters to the analysis criteria by clicking on Filter option for the specific column in the Selected Columns pane, or by clicking on the filter button in the Filter pane header. Add a saved filter by clicking on add button after selecting its name in the catalog pane.

Publication Date contains any YEAR(CURRENT_DATE)+1; YEAR(CURRENT_DATE); YEAR(CURRENT_DATE)-1; YEAR(CURRENT_DATE)-2; YEAR(CURRENT_DATE)-3

AND ISBN (Normalized) is not null

AND Creation Date is greater than CURRENT_DATE-365

AND Base Status is equal to / is in Item in place

AND Location Name is equal to / is in ETSU Sherrod 1st Fl. New Books; ETSU Sherrod 2nd Fl. Silvers ETSU Alumni Bookshelf; ETSU Sherrod 2nd Fl. Silvers ETSU Authors Bookshelf; ETSU Sherrod Books (2nd Floor); ETSU Sherrod Books (3rd Floor); ETSU Sherrod Books (4th Floor); ETSU Sherrod 2nd Fl. Barbara Jaffe Silvers Collection; ETSU Sherrod 3rd Fl. Suite 311 Motivational Book Collection

PHYSICAL ITEMS
EXAMPLE

MMS Id	Item Id	Title	Author	Publication Date	ISBN (Normalized)	Group1	Group2	Group3	Group4	Permanent LC Classification Code	Permanent LC Classification Number	Base Status	Material Type	Modification Date	Creation Date	Subjects	Location Code	Location Name	Permanent Call Number
99186678302331	23173476500002331	The bitter season /	Hoag, Tami, author.	[2016]	0525954554; 9780525954552; 9780698190832; 0698190831	American literature	1961-2000			PS	3,558.0	Item in place	Book	2/27/2019	6/19/2018	Police--Minnesota--Minneapolis--Fiction.; Cold cases (Criminal investigation)--Fiction.; Murder--Investigation--Fiction.; Kovac, Sam (Fictitious character)--Fiction.; Liska, Nikki--Fiction.; FICTION--Mystery & Detective--Police Procedural.; FICTION--Suspense.; Mystery fiction.; Suspense fiction.; Detective and mystery fiction; Thrillers (Fiction)	esbb4	ETSU Sherrod Books (4th Floor)	PS3558.O333 B58 2016
99245779402331	23175056320002331	Teaching students with special needs in general education classrooms /	Lewis, Rena B.	[2017]	0134017560; 9780134017563; 0133947645; 9780133947649	Special aspects of education	Inclusive education			LC	1,201.0	Item in place	Book	9/4/2018	8/13/2018	Inclusive education--United States.; Special education--United States.; Mainstreaming in education--United States.; Inclusive education.; Mainstreaming in education.; Special education; United States	esbb3	ETSU Sherrod Books (3rd Floor)	LC1201 .L48 2017
99275487702331	23173626400002331	Lillian Boxfish takes a walk /	Rooney, Kathleen, 1980- author.	2017.	1250113326; 9781250113320; 9781250113337; 1250113334	American literature	2001-			PS	3,618.0	Item in place	Book	7/2/2018	6/25/2018	City and town life--New York (State)--New York--Fiction.; Interpersonal relations--Fiction.; Older women--Fiction.; Reminiscing--Fiction.; City and town life.; Interpersonal relations; Older women.; Reminiscing.; New York (State)--New York; Biographical fiction.; Fiction.; Historical fiction.; Psychological fiction.	esbsc	ETSU Sherrod 2nd Fl. Barbara Jaffe Silvers Collection	PS3618.O676 L55 2017
99275872802331	23179306510002331	HESI Admission Assessment exam review /		[2017]	0323353789; 9780323353786	Medicine (General)	Medical education. Medical schools. Research			R	838.5	Item in place	Book	3/7/2019	2/11/2019	Health occupations schools--Entrance examinations--Study guides.; Medical colleges--Entrance examinations--Study guides.; Health Occupations.; Examination Question.; Health occupations schools--Entrance examinations.; Medical colleges--Entrance examinations.; Study guides.	esbb4	ETSU Sherrod Books (4th Floor)	R838.5 .E96 2017
99279486802331	23173626310002331	History of wolves : a novel /	Fridlund, Emily, author.	2017.	0802125875; 9780802125873; 9780802189776; 0802189776	American literature	2001-			PS	3,606.0	Item in place	Book	11/16/2018	6/25/2018	Teenage girls--Fiction.; Belonging (Social psychology)--Fiction.; Choice (Psychology)--Fiction.; Secrecy--Fiction.; Christian Scientists--Fiction.; Minnesota--Fiction.; Belonging (Social	esbsc	ETSU Sherrod 2nd Fl. Barbara Jaffe	PS3606.R536 H57 2017

NEXT STEP

- Test, Test, Test….

- Ideal set

- Make sure you don't need any additional data columns

- How do we export this information?
  - Alma Analytics API

HIGH LEVEL OVERVIEW

Alma Analytics
- Electronic Report
- Physical Report
- "New Book" Filter Criteria

API →

Data Transformation and Storage
- Display Fields
- Primary ISBN
- Linking
- Cover Images

Array File →

Selection and Display
- Selection Menu
- Results Filtering
- Display Templates
  - Slider Widgets
  - Digital Displays
  - DataTables List

We are here

ALMA ANALYTICS API

- https://developers.exlibrisgroup.com/alma/apis/docs/analytics/

- Need API Key and row limit (max 1000)

- More than 1000 rows?
    - Alma will return a resumption token.
    - Send the resumption token back in an API call to receive the next set of records.

```
<QueryResult>
    <ResumptionToken>F1ABF45B414231A58D92BBF305B611591FFE0EF3D6E19F3C0CBC8445D78FDC7FF96792E565745FA1B7E0CE40D5C32CC33B87B3CC645E7C6932E0CF2▬▬▬▬▬</ResumptionToken>
    <IsFinished>false</IsFinished>
    <ResultXml>
```

THE API RESPONSE

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<report>
    <QueryResult>
        <ResumptionToken>F1ABF45B414231A58D92BBF305B611591FFE0EF3D6E19F3C0CBC8445D78FDC7FF96</ResumptionToken>
        <IsFinished>false</IsFinished>
        <ResultXml>
            <rowset xmlns="urn:schemas-microsoft-com:xml-analysis:rowset">
                <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:saw-sql="urn
                    <xsd:complexType name="Row">
                        <xsd:sequence>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column0" s w-sql
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column1" s w-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column2" s w-sql
                                type="xsd:string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column3" s w-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column4" s w-sql
                                ="xsd:string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column5" s w-sql
                                ="xsd:string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column6" s w-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column7" s w-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column8" s w-sql
                                ="xsd:string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column9" s w-sql
                                ="varchar" type="xsd:string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column10" aw-sql
                                ="double" type="xsd:double"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column11" aw-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column12" aw-sql
                                :string"/>
                            <xsd:element maxOccurs="1" minOccurs="0" name="Column13" aw-sql
                                :string"/>
```

- Columns do not line up with visual analytics report

- Column names are generic

- Solved with mapping table in code

THE API RESPONSE

```php
$print_columns = array(
                "title" => "Column7",
                "author" => "Column1",
                "portfolio_id" => "Column19",
                "mms_id" => "Column3",
                "isbn" => "Column2",
                "pub_date" => "Column5",
                "upload_date" => "Column18",
                "mod_date" => "Column21",
                "group1" => "Column11",
                "group2" => "Column12",
                "group3" => "Column13",
                "group4" => "Column14",
                "call_number" => "Column8",
                "location" => "Column16",
                "location_code" => "Column15",
                "ecollection_name" => "",
                "subjects" => "Column6"
                );
```

```php
$electronic_columns = array(
                "title" => "Column7",
                "author" => "Column1",
                "portfolio_id" => "Column19",
                "mms_id" => "Column3",
                "isbn" => "Column2",
                "pub_date" => "Column5",
                "upload_date" => "Column13",
                "mod_date" => "Column18",
                "group1" => "Column9",
                "group2" => "Column10",
                "group3" => "Column11",
                "group4" => "Column12",
                "call_number" => "",
                "location" => "",
                "location_code" => "",
                "ecollection_name" => "Column8",
                "subjects" => "Column6"
                );
```

HIGH LEVEL OVERVIEW

Alma Analytics
- Electronic Report
- Physical Report
- "New Book" Filter Criteria

API →

Data Transformation and Storage
- Display Fields
- Primary ISBN
- Linking
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Array File →

Selection and Display
- Selection Menu
- Results Filtering
- Display Templates
  - Slider Widgets
  - Digital Displays
  - DataTables List

We are here

DATA TRANSFORMATION AND STORAGE

- Title

- Publication Date

- Subject Tagging

- Linking

- Cover Images

TITLE AND PUB DATE
EXAMPLE

MMS Id	Item Id	Title	Author	Publication Date
99186678302331	23173476500002331	The bitter season /	Hoag, Tami, author.	[2016]
99245779402331	23175056320002331	Teaching students with special needs in general education classrooms /	Lewis, Rena B.	[2017]
99275487702331	23173626400002331	Lillian Boxfish takes a walk /	Rooney, Kathleen, 1980- author	2017.

- Special characters
- Removed with Regex

SUBJECT TAGGING

LC Group
(1,2,3,4)

Subject
(Bib)
Column

Title

- Tagging allows for book widgets filtered by a subject

- Metadata is important!
  - CZ vs Manual Loading

- How do we accomplish this?

  - Case Statements
  - Keyword matching

SUBJECT TAGGING – LC GROUP

```
case "Human anatomy":
    array_push($subjects, "Anatomy and Physiology");
    break;
case "Physiology":
    array_push($subjects, "Anatomy and Physiology");
    break;
case "Anthropology":
    array_push($subjects, "Anthropology");
    break;
case "Visual arts":
    array_push($subjects, "Art");
    break;
case "Architecture":
    array_push($subjects, "Art");
    break;
case "Sculpture":
    array_push($subjects, "Art");
    break;
case "Drawing. Design. Illustration":
    array_push($subjects, "Art");
    break;
case "Painting":
    array_push($subjects, "Art");
    break;
```

- Our custom subject vocabulary comes from our subject guides and academic programs

- LC Group Headings were identified for each custom subject

- Once the case statement finds a match, the tag is added and the operation stops.

SUBJECT TAGGING – SUBJECTS (BIB) AND TITLE

```php
if (strpos($keyword, "drawing") !== false) {
    array_push($subjects, "Art");
    break;
}
if (strpos($keyword, "painting") !== false) {
    array_push($subjects, "Art");
    break;
}
if (strpos($keyword, "astronomy") !== false) {
    array_push($subjects, "Astronomy");
    break;
}
if (strpos($keyword, "audiology") !== false) {
    array_push($subjects, "Audiology");
    break;
}
if (strpos($keyword, "biology") !== false) {
    array_push($subjects, "Biological Sciences");
    break;
}
if (strpos($keyword, "botany") !== false) {
    array_push($subjects, "Biological Sciences");
    break;
}
if (strpos($keyword, "genetics") !== false) {
    array_push($subjects, "Biological Sciences");
    break;
}
if (strpos($keyword, "ecology") !== false) {
    array_push($subjects, "Biological Sciences");
    break;
}
```

- Fields stripped of special characters, converted to lower case

- Split into an array

- Search for Keywords - work in progress

- Broad keywords can be detrimental
  - "Business"
  - "Art"

SUBJECT TAGGING

- Industries. Land Use. Labor (Group 1) LC Group 2-4 empty

- BUSINESS & **ECONOMICS** / Industrial **Management**.; BUSINESS & ECONOMICS / Management.; BUSINESS & ECONOMICS / Management Science.; BUSINESS & ECONOMICS / Organizational Behavior.;

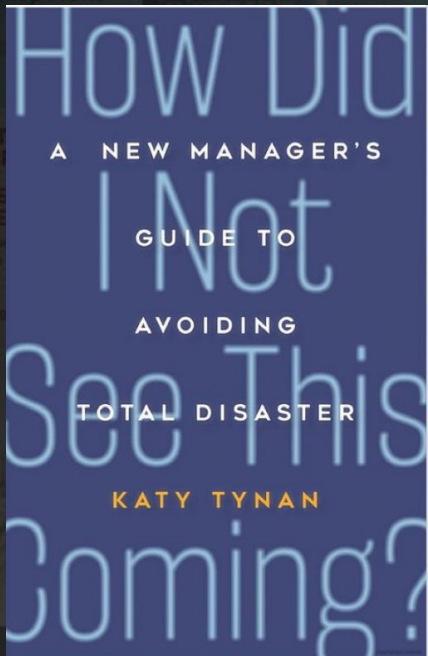- How Did I Not See This Coming?: A New Manager's Guide to Avoiding Total Disaster /

LC Group → No Match

Subjects Column → Match

Title

ISBN AND COVER IMAGES

MMS Id	Item Id	Title	Author	Publication Date	ISBN (Normalized)
99186678302331	23173476500002331	The bitter season /	Hoag, Tami, author.	[2016]	0525954554; 9780525954552; 9780698190832; 0698190831
99245779402331	23175056320002331	Teaching students with special needs in general education classrooms /	Lewis, Rena B.	[2017]	0134017560; 9780134017563; 0133947645; 9780133947649
99275487702331	23173626400002331	Lillian Boxfish takes a walk /	Rooney, Kathleen, 1980- author.	2017.	1250113326; 9781250113320; 9781250113337; 1250113334

- Goal: Finding a cover image for 100% of the titles
- Problems:
  - Multiple ISBN's
  - Not every ISBN returns an image

STEP 1: PRIMO COVER IMAGE

API Check Image Size

ISBN (Normalized)

0525954554:
9780525954552;
9780698190832;
0698190831

https://proxy-na.hosted.exlibrisgroup.com/exl_rewrite/syndetics.com/index.aspx?isbn=0525954554/MC.JPG&client=primo

Does image exist?

Yes = Done. Record URL
No = Repeat with next ISBN

- Starting with 1st image, use cURL to check URL for image size.

- Primo returns "86" for image with no result. This is a 1x1 white square.

- Keep checking until image found or list exhausted

STEP 2: GOOGLE BOOKS

API Check Google Books

https://www.googleapis.com/books/v1/volumes?q=isbn:0525954554&country=US&key=[GOOGLE API KEY]

ISBN
(Normalized)

0525954554:
9780525954552;
9780698190832;
0698190831

Does imageLinks array exist?

Yes = Done. Record URL
No = Repeat with next ISBN

- Used only when Primo covers are exhausted.
- Google imposes API Query limits (1,000 day)

STEP 3: USE A DEFAULT COVER

No Cover Available

- Used only when Primo and Google are unavailable

- Default cover image

COVER IMAGES - USEFUL TIP

- Finding image covers is a time consuming process. Be respectful of API's.

- Instead of repeating the process over again for a book, we record the MMS_ID, Cover URL, and Time into a separate file.

- We check this file for an existing entry before initiating the cover image API's.

```
array (
        'mms_id' => '99396652602331',
        'date' => '2019-04-04',
         'url' => 'https://proxy-
        na.hosted.exlibrisgroup.com/exl_rewrite/syndetics.com/index.aspx?isbn=
        9781772581065/MC.JPG&client=primo',
),
```

LINKING

- All links (physical and electronic) go to our Get It @ ETSU Services Page
- Why? - Consistent & Up to Date

- https://etsu-edu-primo.hosted.exlibrisgroup.com/primo-explore/openurl?sid=books_widget&isbn=1683730976

- "sid" parameter = used for analytical purposes

Request Date	Title	Author	ISBN	Source
3/7/2019	Principles and practice of pediatric infectious diseases /		9780323401814	books_widget
3/11/2019	Meyler's side effects of drugs : the international encyclopedia of adverse drug reactions and interactions /		9780444635938	books_widget
3/12/2019	3D integration in VLSI circuits : implementation technologies and applications /		9781138710399(Hardback)	books_widget
3/13/2019	Applied hierarchical modeling in ecology : analysis of distribution, abundance and species richness in R and BUGS /	Kéry, Marc, author.	0128013788;9780128013786	books_widget
	Images of the art museum : connecting gaze and discourse in the history of museology /		3110341360	books_widget
	Mastering the Nikon D850 /	Young, Darrell, 1958- author.	1681983729	books_widget
	Numerical simulation in hydraulic fracturing : multiphysics theory and applications /	Shen, Xinpu, 1963, author.	9781138029620(Hardback)	books_widget
3/14/2019	Basic & Clinical Pharmacology, 14e		1259641155	books_widget

SAMPLE ARRAY

```
array (      '

title' => 'The Bitter Season ',
'author' => 'Hoag, Tami, author.',
'portfolio_id' => '23173476500002331',
'mms_id' => '99186678302331',
'isbn' =>array (0 => '0525954554', 1 => '9780525954552', 2 => '9780698190832', 3 => '0698190831'),
 'pub_date' => '2016',
'upload_date' => '2018-06-19',
'mod_date' => '2019-02-27',
'location' => 'ETSU Sherrod Books (4th Floor) (PS3558.O333 B58 2016)',
'location_code' => 'esbb4',
'subjects' =>    array (0 => 'Foreign Language and Literature',),
'catalog_url' =>'https://libs.etsu.edu/primo/resolver.php?sid=books_widget&isbn=0525954554',    'cover_url'
=> 'https://proxy-
na.hosted.exlibrisgroup.com/exl_rewrite/syndetics.com/index.aspx?isbn=0525954554/MC.JPG&client=primo',
'type' => 'print',  ),
```

MULTI-DIMENSIONAL ARRAY

- Once all records are processed, the multidimensional array gets converted to JSON and saved in an export folder.

Alma Analytics
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- Physical Report
- "New Book" Filter Criteria

API

Data Transformation and Storage
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Array File

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We are here

SELECTION AND DISPLAY

- ✓ Implement widgets on subject guides, webpages, and digital displays.

- ✓ Multiple templates to choose from such as slider widgets and generated table lists.

- ✓ Create a widget based on a particular subject, format, or physical location.

- ✓ Ease of use; Limited technical expertise needed to create a widget

SELECTION AND DISPLAY

✓ Utilize open/free packages

• Slider Widgets
  • Slick by Ken Wheeler
  • https://kenwheeler.github.io/slick/

• Table views
  • DataTables
  • https://datatables.net

SELECTION MENU

- https://libs.etsu.edu/books-display/

Which filter would you like to apply?

○ title ○ author ○ pub_date ○ upload_date ○ mod_date ○ location_code ● subjects ○ type

---

Choose a value for your filter...

○ Philosophy ○ History ○ Foreign Language and Literature ○ Medicine ○ Business ○ Economics and Finance ● Sociology ○ Public Health ○ Engineering ○ Anatomy and Physiology ○ Cardiopulmonary Science ○ Dental Hygiene ○ Anthropology ○ Chemistry ○ Criminal Justice and Criminology ○ Biological Sciences ○ Political Science ○ English ○ Social Work ○ Psychology ○ Art ○ Education ○ Legal Resources ○ Communication Studies ○ Radiography ○ Physics ○ Theater ○ Management and Leadership ○ Healthcare Management ○ Mathematics ○ Speech-Language Pathology ○ Sport Leadership and Management ○ International Studies ○ Nutrition and Dietetics ○ Career Resources ○ Music ○ Geosciences ○ Pharmacy ○ Accountancy ○ Environmental Health ○ Digital Media ○ Counseling ○ Sport Physiology and Performance ○ Nursing ○ Computing ○ Marketing ○ Audiology ○ Paleontology ○ Gender and Diversity ○ Physical Therapy ○ Educational Technology ○ Womens Studies

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Choose a template...
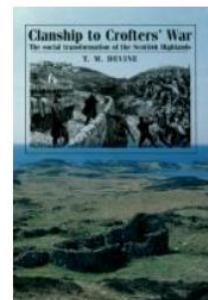
○ bookspage ● brightsign ○ subjectguides
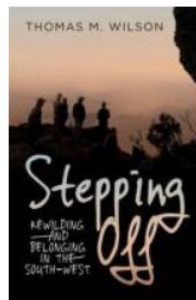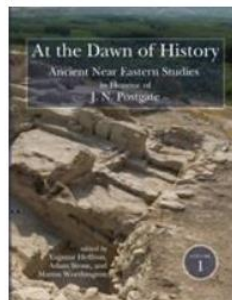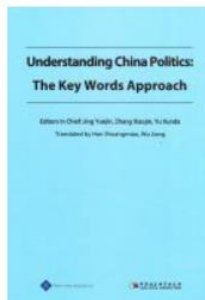

Embed Code

`<p><iframe frameborder="0" scrolling="no" src="https://libs.etsu.edu/books-display` [Copy text]

WIDGET EXAMPLES
SUBJECT GUIDES

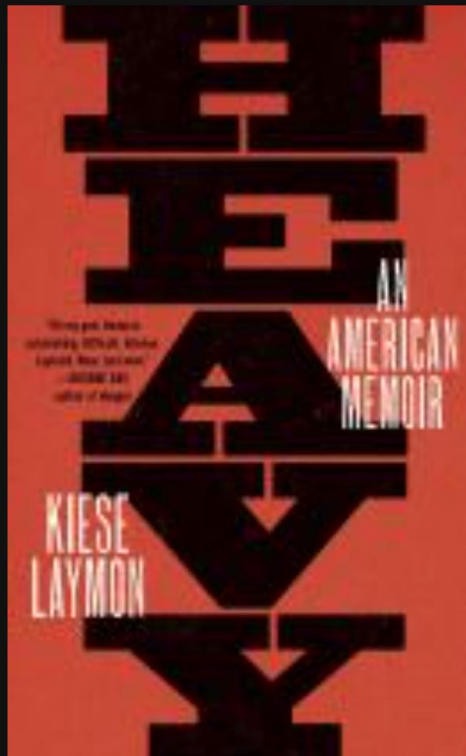- https://libraries.etsu.edu/research/guides/history/books

New Books in History
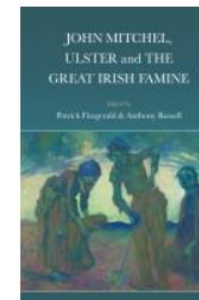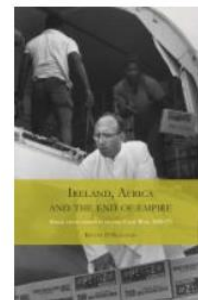
WIDGET EXAMPLES
DIGITAL DISPLAY

https://libs.etsu.edu/books-display/display.php?filter=type&query=print&template=brightsign

New Books at Sherrod

Heavy : An American Memoir

Laymon, Kiese.

ETSU Sherrod 2nd Fl. Barbara Jaffe Silvers Collection
(PS3612.A959 Z46 2018)

WIDGET EXAMPLES
TABLE DISPLAY

- https://libraries.etsu.edu/research/books/new

Browse New Books

Search: [   ]

Subject: [▼]

[Export Titles to Excel]

Cover	Title	Publication Date	Collection
	A Crisis In Swiss Pluralism : The Romansh And Their Relations With The German- And Italian-Swiss In The Perspective Of A Millennium **Author:** Billigmeier, Robert Henry.	2016	Online Resource - EBSCOhost Academic eBook Collection (North America)
	A Dictionary Of Family History : The Genealogists' Abc **Author:** Scott, Jonathan.	2017	Online Resource - EBSCOhost Academic eBook Collection (North America)
	A Field Guide To Spiders Of Australia **Author:** Whyte, Robert, 1955- author.	2017	Online Resource - EBSCOhost Academic eBook Collection (North America)
	A Focus On Sustainable Supply Chains And Green Logistics. **Author:** Emerald Group Publishing Limited.	2016	Online Resource - EBSCOhost Academic eBook Collection (North America)
	A Fresh Look At Potential Output In Central, Eastern, And Southeastern European Countries **Author:** Podpiera, Jiři, 1976-	2017	Online Resource - EBSCOhost Academic eBook Collection (North America)
	A Grand Adventure : The Lives Of Helge And Anne Stine Ingstad And Their Discovery Of A Viking Settlement In North America **Author:** Ingstad, Benedicte, author.	2017	Online Resource - EBSCOhost Academic eBook Collection (North America)

CONCLUSION

- 60+ widgets now live on our library website

- Received positive feedback from users and librarians

- Hope to expand with more digital displays, focus on particular collections

- Potential marketing tool to faculty – new title lists

GITLAB PROJECT CODE

- Available at https://gitlab.com/clamon/alma-book-widget

QUESTIONS?

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THANK YOU!