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### Eliminating Data Redundancy: Our Solution for Database Discovery using Alma/Primo

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## Eliminating Data Redundancy: Our Solution for Database Discovery using Alma/ Primo



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# **Eliminating Data Redundancy: Our Solution for Database Discovery using Alma/Primo**

ELUNA 2016

Presented by:  
Travis Clamon, MSIS  
Jacob Kindle

# Background

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- Travis Clamon, MSIS  
Electronic Resource Specialist
- Jacob Kindle  
Web Manager
- ETSU = ~15,000 Students / 2,000 employees
- Migrated to Alma & Primo in June 2015





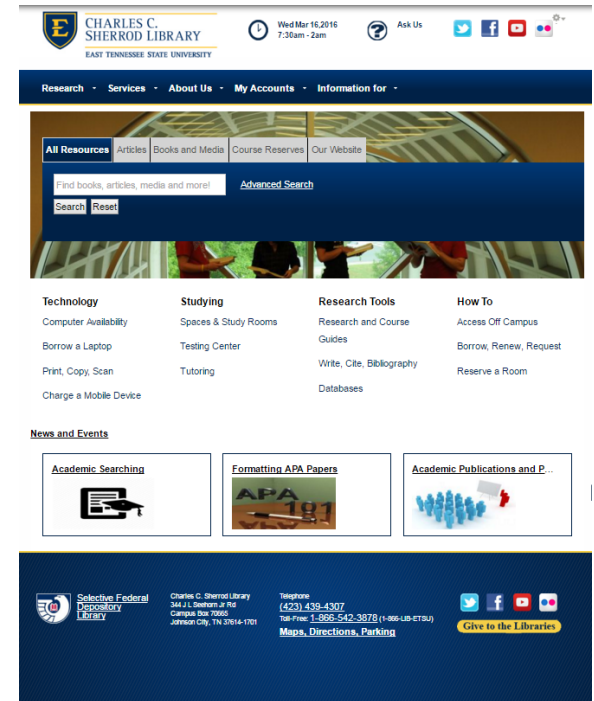
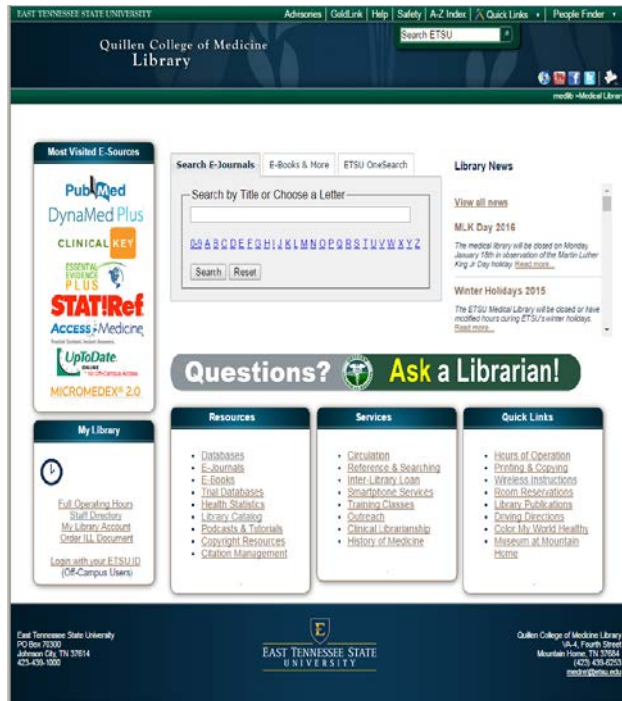
# Our E-Resource Workflow Goal

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- Eliminate Redundant Data
- Simplify Workflow
- Improve Discovery
- User Experience
- Support

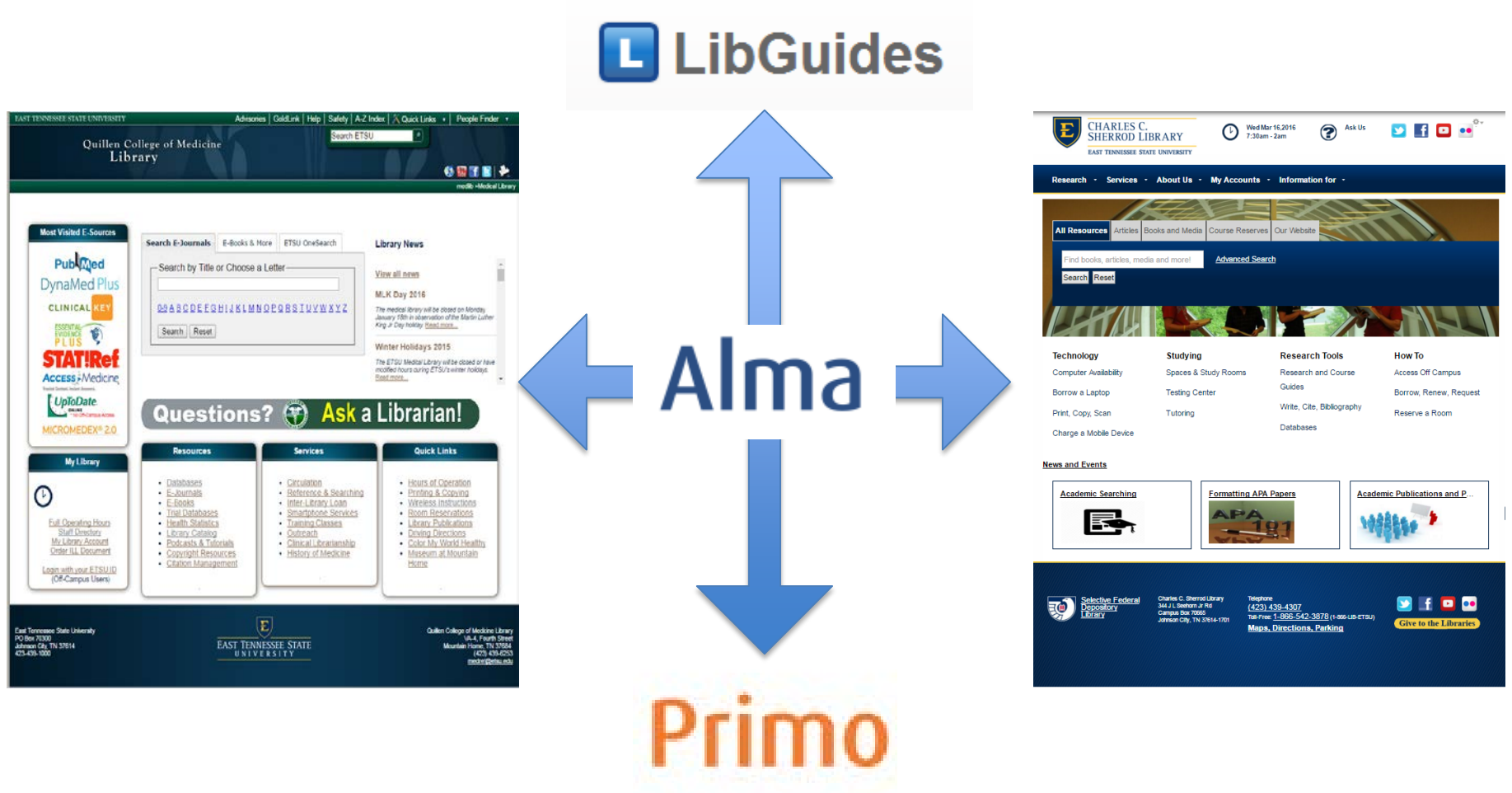


# Electronic Resource Endpoints



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# Electronic Resource Endpoints







# How did we accomplish our goal?

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## 6 Steps:

- Assessment
- Metadata
- Alma Setup
- Primo Setup
- Primo X-Service API
- A-Z Development







## Step 1:

### **Assessment**

- Identify Resources
- Compare with existing collections in Alma
- Develop Final list for metadata

- Review & Compare
- Full text collections should already exist in Alma
- Create Electronic Collections of “Database” type if no portfolios exist (Abstract / Website / etc.)
- The final list will serve as a checklist for metadata





## Step 2:

# Metadata

- Create MARC Records for each database/resource
- MARCedit
- Permalinks recommended for URL's
- Create Authority Lists for Subjects, Providers, and Formats
- 245a = title
- 500a = database coverage
- 520a = short description
- 520b = long description
- 653a = keywords
- 914a = Licensed / OA
- 917 = URL / Provider/Access Note
- 960a = ETSU subject
- 963a = Format



=LDR \\\nmi\ a22\ \\\u\ 4500  
=008 \\\u\ \\\s\ \\\000\ 0\ eng\ d  
=245 00\$aCriminal Justice  
=500 \\\\$aDatabase coverage: 1981-current.  
=520 \\\\$aFull-text coverage of crime and its social and legal implications.\$bSupports research on crime, its causes and impacts, legal and social implications, litigation, and crime trends. Includes correctional and law enforcement trade publications, crime reports, and other material relevant to careers in criminal justice and law enforcement.  
=653 \\\\$aAddiction  
=653 \\\\$aCriminology  
=653 \\\\$aCorrections administration  
=653 \\\\$aCriminal law  
=653 \\\\$aFamily law  
=653 \\\\$aIndustrial security  
=653 \\\\$aRehabilitation  
=914 \\\\$aLicensed  
=917 40\$3ProQuest\$uhttp://libs.etsu.edu/links/cjft.html\$zETSU  
=960 \\\\$aCriminal Justice and Criminology  
=960 \\\\$aPsychology  
=960 \\\\$aSocial Work  
=963 \\\\$aAbstract and Indexing

### Sample MARC Record – Criminal Justice (ProQuest)



## Refine My Results

### Provider +

### Format -

- Abstract and Indexing (151)
- E-Books (20)
- Images (12)
- Maps (1)
- Newspapers (11)
- Point of Care (14)
- Reference Tools (8)
- Streaming Media (10)
- Style Guides (3)
- Test Preparation (1)

### Subject -

- Accountancy (8)
- Anthropology (9)
- Appalachian Studies (10)
- Archival Studies (1)
- Art (9)
- Audiology (9)
- Biological Sciences (27)
- Business (21)
- Cardiopulmonary Science (24)
- Career Resources (2)
- Chemistry (15)
- Communication Studies (6)
- Computing (19)
- Counseling (8)
- Criminal Justice and Criminology (11)
- Dental Hygiene (24)
- Digital Media (3)

## Create a controlled vocabulary for all facet fields (Subject, Format, Provider, etc)

- Consult with staff and librarians
- This will eliminate variations of terms causing duplicate facet terms (“Computing” vs. “Computer Science”)
- Primo Static Facets will also help (discussed shortly)

**Before you begin creating records.....**



---

## Step 3: **Alma Setup**

- Import records using import profile
- Complete required fields for all electronic collections
- Search Index – Easy find
- Associate to Alma set or top level collection





Profile Type

Repository

Profile name

Database LOAD

Profile Details

Normalization & Validation

Match Profile

Set Management Tags

Inventory Information

Profile Details

Profile name

Database LOAD

Profile description

Import Database MARC Records

Originating system

Other

Import Protocol

Upload File/s

Physical source format

Binary

Encoding format

ISO8859\_1

Source format

MARC21 Bibliographic

Status

Active

File name patterns

-

Cross walk

No

Target format

MARC21 Bibliographic

Profile Details

Normalization & Validation

Match Profile

Set Management Tags

Inventory Information

Match Profile

Serial match method

001 To MMS\_ID Match Method

Non Serial match method

001 To MMS\_ID Match Method

Match Actions

Handling method

Automatic

Upon match

Overlay

Merge/Overlay

Merge method

Database Overlay

Allow bibliographic record deletion

No

Do not override/merge a non-brief record with a brief version

No

Unlink bibliographic records from community zone

No

Do not override/merge record with an older version

Disabled

DatabaseOverlay.dslr

```
rule "Database MARC Merge"
  when
    merge
  then
    replace MARC.XXX excluding "001"
end
```

Allows overlay of local fields

## Create Import Profile & Merge Rule





Resource description [Web of Science](#)

Electronic Collection name [Web of Science](#)

Electronic Collection Description    General Information    **Additional Information**    Notes    Group Settings    History

**Electronic Collection Information**

Source  Source ID

Creator

Alternative Title

Electronic Collection Level URL

Electronic Collection Level URL (override)



Electronic Collection is free? ☐ Not Free ☐ Free

Electronic Collection Proxy Enable ☒ No ☐ Yes

Electronic Collection Proxy Selected

Language

Category

Additional descriptive information   

Number of portfolios 0 Character set -

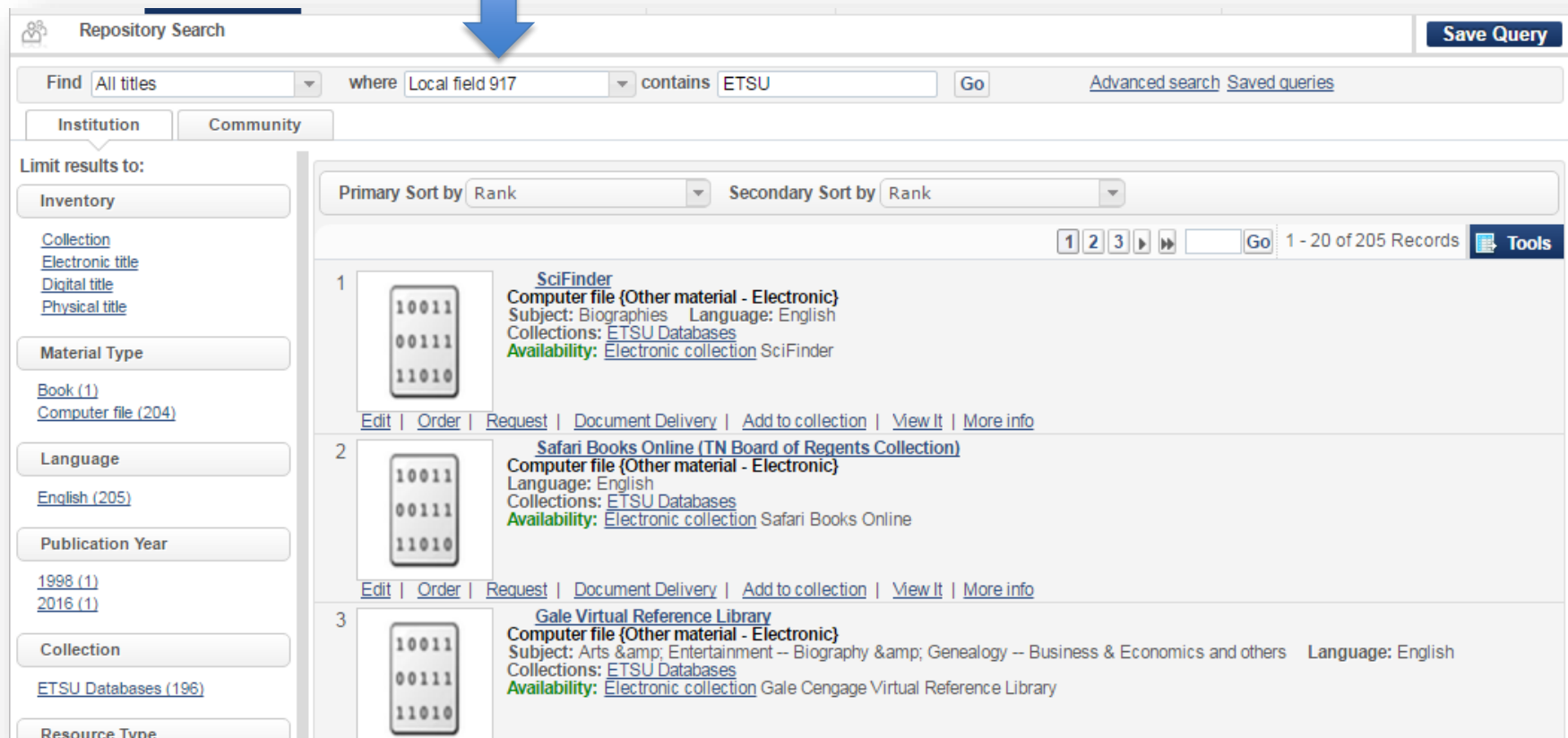
## Complete required fields for all electronic collections

Electronic Collection Level URL (ETSU uses short permalinks)

Additional descriptive information







The screenshot displays the 'Repository Search' interface. At the top, a search bar contains 'Find All titles', 'where Local field 917', 'contains ETSU', and a 'Go' button. A 'Save Query' button is in the top right. Below the search bar, there are tabs for 'Institution' and 'Community'. On the left, a 'Limit results to:' section includes filters for 'Inventory', 'Material Type' (Book (1), Computer file (204)), 'Language' (English (205)), 'Publication Year' (1998 (1), 2016 (1)), 'Collection' (ETSU Databases (196)), and 'Resource Type'. The main results area shows three items, each with a binary code icon (10011, 00111, 11010). Item 1 is 'SciFinder Computer file {Other material - Electronic}' with subject 'Biographies', language 'English', and availability 'Electronic collection SciFinder'. Item 2 is 'Safari Books Online (TN Board of Regents Collection) Computer file {Other material - Electronic}' with language 'English' and availability 'Electronic collection Safari Books Online'. Item 3 is 'Gale Virtual Reference Library Computer file {Other material - Electronic}' with subject 'Arts & Entertainment -- Biography & Genealogy -- Business & Economics and others', language 'English', and availability 'Electronic collection Gale Cengage Virtual Reference Library'. Each item has links for 'Edit', 'Order', 'Request', 'Document Delivery', 'Add to collection', 'View It', and 'More info'. At the bottom right of the results area, it says '1 - 20 of 205 Records' and 'Tools'.

Repository Search

Find All titles where Local field 917 contains ETSU Go Advanced search Saved queries

Save Query

Institution Community

Limit results to:

Inventory

Collection  
Electronic title  
Digital title  
Physical title

Material Type

Book (1)  
Computer file (204)

Language

English (205)

Publication Year

1998 (1)  
2016 (1)

Collection

ETSU Databases (196)

Resource Type

Primary Sort by Rank Secondary Sort by Rank

1 2 3 Go 1 - 20 of 205 Records Tools

1

10011  
00111  
11010

SciFinder  
Computer file {Other material - Electronic}  
Subject: Biographies Language: English  
Collections: ETSU Databases  
Availability: Electronic collection SciFinder

Edit Order Request Document Delivery Add to collection View It More info

2

10011  
00111  
11010

Safari Books Online (TN Board of Regents Collection)  
Computer file {Other material - Electronic}  
Language: English  
Collections: ETSU Databases  
Availability: Electronic collection Safari Books Online

Edit Order Request Document Delivery Add to collection View It More info

3

10011  
00111  
11010


Gale Virtual Reference Library  
Computer file {Other material - Electronic}  
Subject: Arts & Entertainment -- Biography & Genealogy -- Business & Economics and others Language: English  
Collections: ETSU Databases  
Availability: Electronic collection Gale Cengage Virtual Reference Library

Create Search Index to find DB's - Save as an Alma Set





## ETSU Databases



Name ETSU Databases

Description -

External System -

Title [ETSU Databases](#)

External ID -

Library ETSU Sherrod Library

- Sub-collections (1)
- Title List (198)

Title List

Find :

in : Title

Go

1 2 3

Go

1 - 20 of 198 Records

Columns

Tools

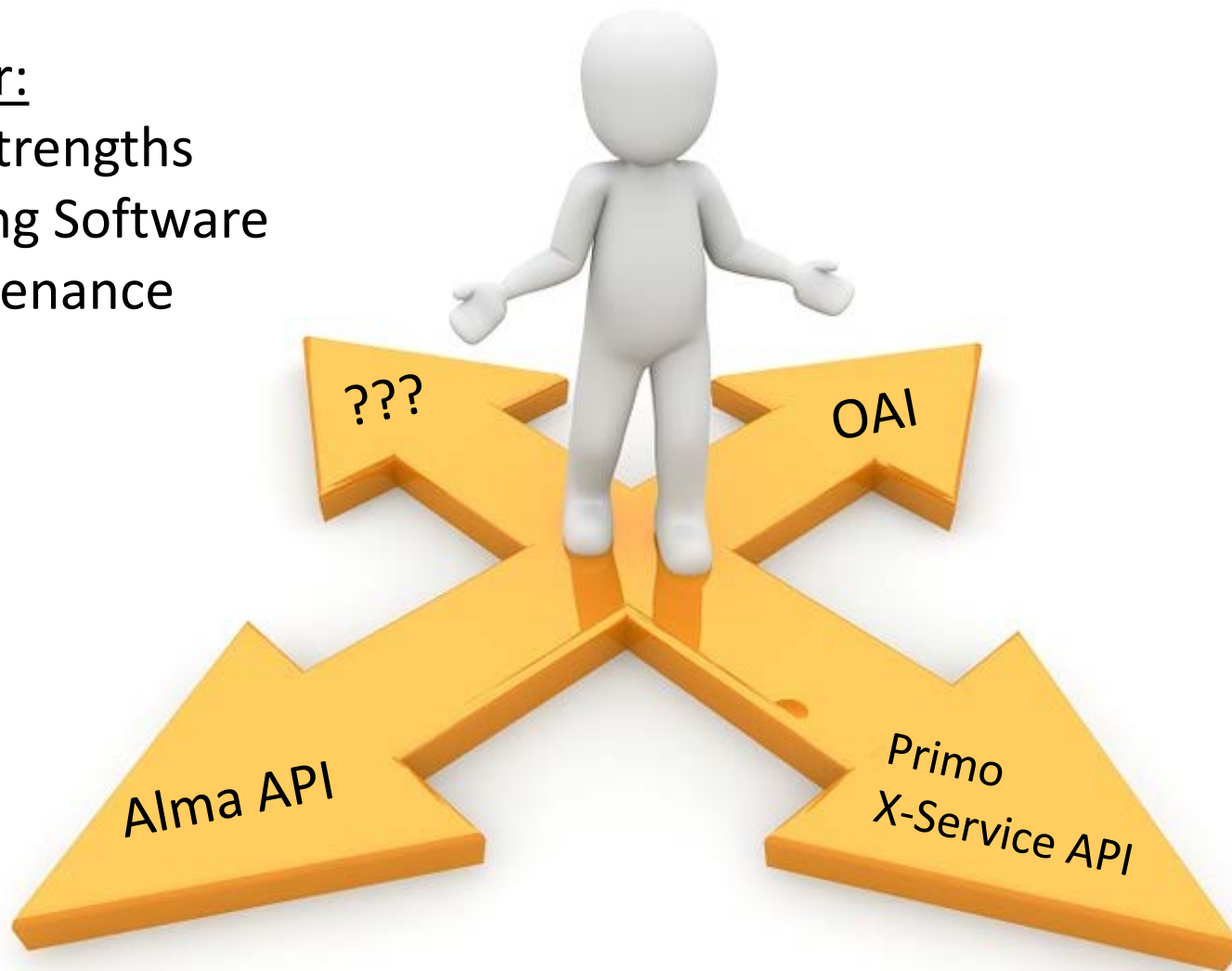
	MMS ID	Title	Material Type	
1	9951466402331	<a href="#">ARTstor</a>	Computer file	<a href="#">View</a>
2	9969187302331	<a href="#">ClinicalKey</a>	Computer file	<a href="#">View</a>
3	99164888202331	<a href="#">ACM Digital Library</a>	Computer file	<a href="#">View</a>
4	99164987402331	<a href="#">MathSciNet</a>	Computer file	<a href="#">View</a>
5	99167786602331	<a href="#">CABI Global Health</a>	Computer file	<a href="#">View</a>
6	99173587902331	<a href="#">Canadian Newsstand Complete</a>	Computer file	<a href="#">View</a>
7	99174486302331	<a href="#">Snapshots</a>	Computer file	<a href="#">View</a>
8	99174486402331	<a href="#">FIAF Index to Film Periodicals Plus</a>	Computer file	<a href="#">View</a>
9	99174486502331	<a href="#">Public Health</a>	Computer file	<a href="#">View</a>
10	99174486602331	<a href="#">Telecommunications</a>	Computer file	<a href="#">View</a>
11	99174486702331	<a href="#">Science Journals</a>	Computer file	<a href="#">View</a>
12	99174486802331	<a href="#">Research Library</a>	Computer file	<a href="#">View</a>
13	99174486902331	<a href="#">Religion</a>	Computer file	<a href="#">View</a>
14	99174487002331	<a href="#">Psychology Journals</a>	Computer file	<a href="#">View</a>

Create Top Level Collection / Import records from Alma Set



## Consider:

- Skill Strengths
- Existing Software
- Maintenance



## A-Z Database Strategy





# Why we chose Primo X-Services API?

---

1. Records already harvested in Primo
2. Primo normalization needed work to take advantage of metadata in step 2
3. Facets/Search functionality passed on via API
  - Primo -> Excellent indexing -> Why reinvent the wheel?
4. Less coding / No separate DB needed





## Step 4:

### Primo Setup

- Allows for better visibility of database results in Primo
- Sets up the framework for a custom A-Z list using X-Services API.

- Scoping
- Display / Linking Fields
- Facets
- Search Fields
- Normalization Rules
- Code Tables
- Mapping Tables
- View Settings





## > Edit Scope

### General Attributes for Scope ETSU Databases

Owner: 01ETSU - East Tennessee State University

Scope Value Name: ETSU Databases

Scope Value Code: ETSU\_DB

☐ Manually defined Search Scope

scope:(ETSU\_DB)

Description:

Scope Type: Collection ▾

Use Scope for: ☒ Search ☐ Restricted Search

## Create Scope

Used for X-Services API (A-Z List). Only scope DB records.



```
<facets>
  <collection>ETSU Databases</collection>
</facets>
```

**Rule group** search\_searchscope

	Type	Value	
<b>Source</b>	PNX	facets/collection	<input checked="" type="checkbox"/> Enabled

**Conditions logic**

**Conditions** + True

Condition 1 - Logic	Type	Value	Success If
True	PNX	facets/collection	Match Any

**Condition1 - Routines** + General Parameter

Routine	Parameter
Check that string exists	ETSU Databases

**Transformations** +

Transformation	Parameter
Write constant	ETSU_DB

**Behavior**

**Action** ADD

## Create Normalization Rule for Scope

(based on Alma Top Level Collection)







MARC	Field	PNX
245a	Title	/display/title
500a	Coverage	/display/lds16
520a	Short description	/display/lds17
520b	Long description	/display/description
653a	Keywords	/display/subject
914a	Licensed / OA	/display/lds14
917	URL	/links/lln01
960a	ETSU Subject	/display/lds15 /facets/lfc15
963a	Format	/facets/lfc12
917 40 \$3	Provider	/display/lds10 /facets/lfc10

**Create remaining normalization rules / MARC to PNX**



## > Code Tables

Update for Owner: 01ETSU - East Tennessee State University

Sub System: FRONTEND

Table Name : FrontEnd Display Fields

Search

### Code Table Rows

Enabled	Field Code ▲▼	Field Name ▲▼	Language ▲▼
	<input type="text"/>	<input type="text"/>	All ▼
<input checked="" type="checkbox"/>	lds10	Provider	en_US
<input type="checkbox"/>	lds12	lds12	pt_BR
<input checked="" type="checkbox"/>	lds11	Link	en_US
<input checked="" type="checkbox"/>	lds12	Database Format	en_US
<input checked="" type="checkbox"/>	lds13	Access Note	en_US
<input checked="" type="checkbox"/>	lds14	License	en_US
<input checked="" type="checkbox"/>	lds15	Database Subjects	en_US
<input checked="" type="checkbox"/>	lds16	Database Coverage	en_US
<input checked="" type="checkbox"/>	lds17	Database Short Description	en_US

## Front End Display Fields



## > Code Tables

Update for Owner: 01ETSU - East Tennessee State University

Sub System: FRONTEND

Table Name :

Facet Labels

<input checked="" type="checkbox"/>	default.facets.facet.facet_local12	Database Format	en_US
<input checked="" type="checkbox"/>	default.facets.facet.facet_local15	Database Subject	en_US
<input checked="" type="checkbox"/>	default.facets.search-box.facet_local15	Database Subject	en_US
<input checked="" type="checkbox"/>	default.facets.search-box.facet_local12	Database Format	en_US
<input checked="" type="checkbox"/>	default.facets.facet.facet_local10	Database Provider	en_US
<input checked="" type="checkbox"/>	default.facets.search-box.facet_local10	Database Provider	en_US

## Facet Labels

## > Code Tables

Update for Owner: 01ETSU - East Tennessee State University

Sub System: FRONTEND

Table Name :

Facets Code Fields

<input checked="" type="checkbox"/>	facet_local10	Database Provider	en_US
<input checked="" type="checkbox"/>	facet_local12	Database Format	en_US
<input checked="" type="checkbox"/>	facet_local15	Database Subject	en_US

## Facet Code Fields



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## > Mapping Tables

Update for Owner: 01ETSU - East Tennessee State University Sub System : Static Facets ▼ Table Name : Static Facets

### Mapping Table Rows

Enabled	Static Facet Name*	Code Table Name
	<input type="text" value="Database"/>	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="text" value="Database Subject"/>	<input type="text" value="facet_local15_values_codes"/>

## > Mapping Tables

Update for Owner: 01ETSU - East Tennessee State University Sub System : Static Facets ▼ Table Name : facet\_local15\_values ▼

### Mapping Table Rows

Enabled	Value Name	Value*
	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	<input type="text" value="Communication Studies"/>	<input type="text" value="Communication Studies"/>
<input checked="" type="checkbox"/>	<input type="text" value="Accountancy"/>	<input type="text" value="Accountancy"/>
<input checked="" type="checkbox"/>	<input type="text" value="Anthropology"/>	<input type="text" value="Anthropology"/>
<input checked="" type="checkbox"/>	<input type="text" value="Appalachian Studies"/>	<input type="text" value="Appalachian Studies"/>

**Consider making A-Z Subjects a static facet**





## > Code Tables

Update for Owner: 01ETSU - East Tennessee State University

Sub System: FRONTEND

Table Name :

Basic Index Fields



Isr15

Database Subject

en\_US

**Allows custom fields to be searchable**



## Facets:

### Field

### Value

Maximum Number of Displayed Facets

65

**Search Engine Configuration**





### Facets to display

Type	Items to Display	Sort	default_tab	lib_tab
Database Format	<input type="text" value="10"/>	<input type="text" value="alpha_numeric"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Database Subject	<input type="text" value="10"/>	<input type="text" value="alpha_numeric"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Database Provider	<input type="text" value="10"/>	<input type="text" value="alpha_numeric"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### Field to display in the full results

Field	
Provider	<a href="#">Edit</a>
Link	<a href="#">Edit</a>
License	<a href="#">Edit</a>
Database Format	<a href="#">Edit</a>
Database Subjects	<a href="#">Edit</a>

## View Configuration





## ABI/INFORM Complete

ProQuest

● Online access

[View Online](#)

[Details](#)

Actions▼

**Title:** ABI/INFORM Complete

**Subjects:** Business; Economic conditions; Corporate strategies; Management theory; Management techniques; Business trends; Market and industry reports; Product information; Accounting; Finance

**Description:** Business research database Comprehensive business research database including full-text journals, trade publications, market reports, industry reports, working papers, dissertations, business cases, and conference proceedings.

**Language:** English

**Source:** 01ETSU ALMA

**Provider:** ProQuest

**Link:** <http://libs.etsu.edu.iris.etsu.edu:2048/links/abi.html>

**License:** Licensed

**Database Format:** Abstract and Indexing

**Database Subjects:** Accountancy  
Business  
Economics and Finance  
Management and Leadership  
Marketing  
Public Administration  
Public Health  
Regional and Community Studies  
Sport Leadership and Management

**Links**  
> ETSU Database Link

# Primo View



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Step 5:

## Primo X-Services

ExLibris Developers Site:

[https://developers.exlibrisgroup.com/  
primo/apis/webservices/gettingstarte  
d](https://developers.exlibrisgroup.com/primo/apis/webservices/gettingstarted)

- API Demo
- API Current
- API Calls



# X-Services API (Unmodified)

01ETSU\*

Search

English ▼

Prev12345...2021Next

Resource Type

- databases (200)
- other (3)

Topic

- Geography (4)
- Pediatrics (13)
- Law (8)
- Psychology (9)
- Biochemistry (6)
- History (9)

Show only

- online\_resource (200)

Resource Type

- databases (200)

Creation Date

- 2016 (1)

Library

- EM (17)
- NBLOUNT (66)
- ES (200)

local10

- IOP Publishing (1)
- National Librar (1)
- Wolters Kluwer (3)
- Getty Research (1)
- Duke University (1)
- U.S. Government (2)

Results 1 - 10 of 203

Sorted by: Title ▼

1

**ABI/INFORM Complete**

by undefined (undefined)

Business; Economic conditions; Corporate strategies; Management theory; Management techniques; Business trends; Market and industry reports; Product information; Accounting; Finance  
Business research database Comprehensive business research database including full-text journals, trade publications, market reports, industry reports, working papers, dissertations, business cases, and conference proceedings.

2

**AccessMedicine**

by undefined (undefined)

Anesthesiology; Anatomy; Biochemistry; Epidemiology and biostatistics; Histology; Microbiology; Pathology; Pathophysiology; Pharmacology; Physiology; Pulmonology; Behavioral medicine; Critical care medicine; Dermatology; Emergency medicine; Family medicine; Healthcare systems; Internal medicine; Cardiology; Endocrinology; Gastroenterology; Geriatric medicine; Hematology; Oncology; Infectious disease; Nephrology; Rheumatology; Neurology; Obstetrics and gynecology; Occupational and environmental medicine; Ophthalmology; Pediatrics; Physical exam and patient communication; Physical medicine and rehabilitation; Psychiatry; Radiology; Surgery; Drug monographs  
Multimedia resource for medical education and clinical practice AccessMedicine supports medical education and clinical practice with: a collection of leading medical textbooks; a multimedia collection including examination and procedural videos; a differential diagnosis tool; practice guidelines, diagnostic tests, quick medical diagnosis and treatment outlines; self-assessment Q&A; patient education information in multiple languages; integrated drug database; Clerkship Corner suggested readings organized by core topics in internal medicine; and selected cases.





# X-Services API (Current)

ALL | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## Refine My Results

203 Results

### ABI/INFORM Complete

Business research database

### AccessMedicine

Multimedia resource for medical education and clinical practice

### AccessPharmacy

Multimedia resource for pharmacy education and practice

### Accounting and Tax

Current accounting, taxation, and financial management information for professionals

### ACM Digital Library

Association for Computing Machinery (ACM) publications online

### ACS Style Guide

## Quick Picks

### CINAHL Complete

Nursing and allied health database

### PubMed

Biomedical and health information

### Micromedex 2.0

Clinical decision-support  
databases

### JSTOR

Comprehensive academic articles  
and E-Books

### PsychINFO

Peer-reviewed literature in  
behavioral science and mental  
health





### > Mapping Tables

Update for Owner: 01ETSU - East Tennessee State University Sub System :

Table Name :

Search in Table:

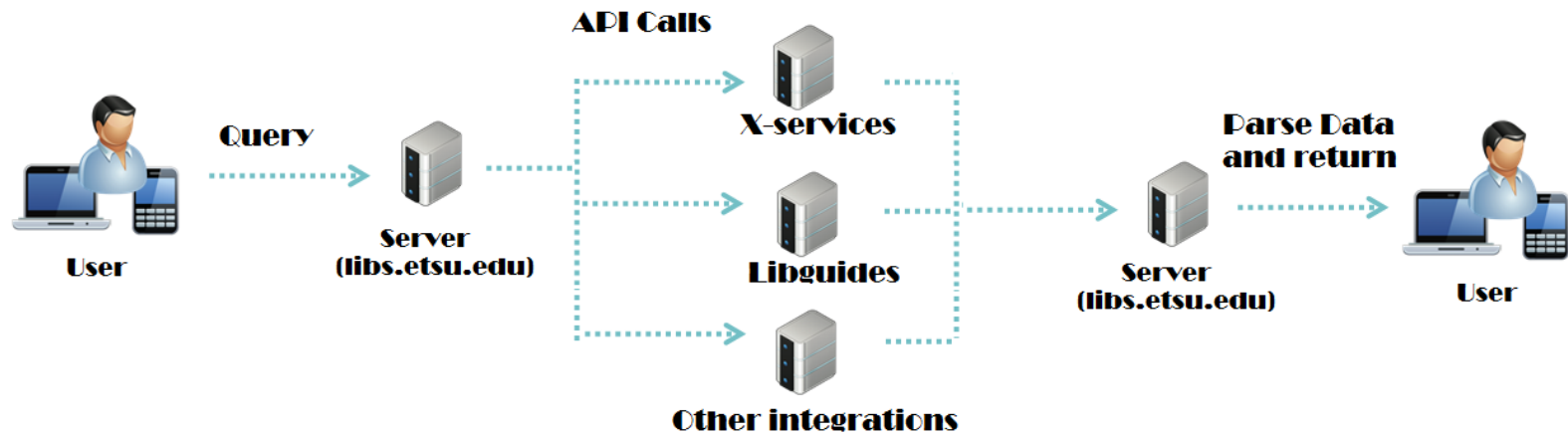
#### Mapping Table Rows

Enabled	Start IP*	End IP	Description	Last Updated
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	12/22/15 By ExlibrisSupport
<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	10/07/15 By ExlibrisSupport

## SalesForce Case – Add IP's to mapping table



# API Diagram



# API Call – PHP or Javascript?

---

- Originally, the X-Services API used Javascript/AJAX to make calls to Primo.
- This only allowed access to the tool on certain machines, as the calls are restricted by IP and AJAX calls were being made from the client side.
- To make this more broadly useful, we used PHP and CURL to make the calls from the server side as follows:





# API Call – CURL

---

```
$institution = '01ETSU';
$bulkSize = '300';
$index = '1';
$sortField = 'stitle';
$lang = 'eng';
$json = 'true';
$loc = 'local,scope:(ETSU_DB)';
$callback = 'parseResponse';
$query = 'any,contains,01ETSU*';
$request = "http://etsu-edu-
primo.hosted.exlibrisgroup.com/PrimoWebServices/xservice/search/brief?institution=$institution&query=$query&bulkSize=$bulkSize&indx=$index&sortField=$sortField&lang=$lang&json=$json&loc=$loc";
$ch = curl_init($URL);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_TIMEOUT, 30);
curl_setopt($ch, CURLOPT_HTTPHEADER, array("Content-Type: application/json; charset=utf-8", "Accept: application/json, text/javascript, */*; q=0.01"));
curl_setopt($ch, CURLOPT_URL, $request);
$output = curl_exec($ch);
// Close request to clear up some resources
curl_close($ch);
```







## Step 6: A-Z List Development

- Facets
- Quick Picks
- Navigation
- Course Guides
- Report a Resource



# Additional Features – Facet Break Down

---

- The standard facets in the original X-Services API code were not consistent with our goals (Resource Type, Show Only, Creation Date, etc)
- Instead, we added multiple local fields to address our needs. The new facets we use in this Resources Tool include Provider, Format, and Subject. The following video shows what happens when a facet is used to narrow results:



# Facet Break Down

Refined by: Computing (X)

19 Results

## Recommended Resources

### ACM Digital Library

Association for Computing Machinery (ACM) publications online

### Safari Books Online (TN Board of Regents Collection)

Digital library on information technology, software development, and digital media.

Represents the “best bet” databases for a subject hand-picked by our librarians

## Other Resources

### Applied Science and Technology Full-Text

Core literature in applied science including engineering, computers, informatics.

### arXiv

Open access articles in physics, mathematics, computer science, quantitative biology, quantitative finance and statistics

### Career and Technical Education






Vocational information and career search resources

Remaining databases that are tagged with the subject computing



# Facet Break Down

## Multi-Disciplinary Databases

- 1 **ARTstor**   
Digital images in the arts, architecture, humanities, and sciences
- 2 **Dissertations and Theses at ETSU**   
ETSU theses 2000-present, dissertations 1972-present.
- 3 **Dissertations and Theses Full-Text**   
Comprehensive collection of theses and dissertations.
- 4 **eBooks on EBSCOhost**   
Academic and popular online books.
- 5 **Films on Demand**   
Curriculum-focused streaming video

Multi-Disciplinary databases are pulled into all searches and refinements. These results are placed at the bottom of a search.



# Facet Break Down - Video

ETSU Electronic Resources Tool (Beta)

New Search | e-Journals A-Z | Help

Search

ALL | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Refine My Results

Provider

+

Format

-

- Abstract and Indexing (151)
- E-Books (20)
- Images (12)
- Maps (1)
- Newspapers (11)
- Point of Care (14)
- Reference Tools (8)
- Streaming Media (10)
- Style Guides (3)
- Test Preparation (1)

Subject

-

- Accountancy (8)
- Anthropology (9)
- Appalachian Studies (10)
- Archival Studies (1)
- Art (9)
- Audiology (9)
- Biological Sciences (27)
- Business (21)
- Cardiopulmonary Science (24)
- Career Resources (2)
- Chemistry (15)
- Communication Studies (6)

185 Results

ABI//INFORM Complete

Business research database

AccessMedicine

Multimedia resource for medical education and clinical practice

AccessPharmacy

Multimedia resource for pharmacy education and practice

Accounting and Tax

Current accounting, taxation, and financial management information for professionals

ACM Digital Library


Association for Computing Machinery (ACM) publications online

ACS Style Guide

Course Guides

-

feedback

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# Additional Features - Quick Picks

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- Quick Picks represents our 5 most commonly used databases. We obtain this data from Google Analytics which tracks the usage of our database links from all library sites.

## Quick Picks

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### **CINAHL Complete**

Nursing and allied health database

### **PubMed**

Biomedical and health information

### **Micromedex 2.0**

Clinical decision-support  
databases

### **JSTOR**

Comprehensive academic articles  
and E-Books

### **PsychINFO**

Peer-reviewed literature in  
behavioral science and mental  
health





# Additional Features – A to Z Navigation

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ALL | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

- Remove Native Pagination
- Add A-Z Navigation
  - A-Z Navigation is achieved using anchor tags corresponding to the first letter of each database



# Additional Features – Course Guides

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- In order to eliminate the need for students to search in multiple areas when doing research, we use the LibGuides API to pull in results from our course guides as well. This searches our course guides and returns results based on tags that correspond to the entered search term and to the subject facets. Once the result set has been broken down, either by a search query or by refinement using facets, Course Guides will replace Quick Picks in the right sidebar.
- The following video demonstrates the inclusion of Course Guides:





# Course Guides

ETSU Electronic Resources Tool (Beta)

New Search | e-Journals  
A-Z | Help

Type here

Search

ALL | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## Refine My Results

Provider +

Format -

- Abstract and Indexing (5)
- E-Books (1)

Subject -

- Appalachian Studies (1)
- Art (2)
- Biological Sciences (1)
- Chemistry (1)
- Communication Studies (2)
- Education (1)
- Foreign Language and Literature (4)
- Gender and Diversity (4)

Refined by: English (X)

6 Results

### Literature Resource Center

Critical, biographical and contextual literary content

### MLA International Bibliography

Modern languages, literatures, folklore and linguistics.

### Opposing Viewpoints in Context

Explore issues from multiple perspectives

## Course Guides -

- ENGL 2210: British Literature I
- ENGL 2430: European Literature
- ENGL 2220: British Literature II
- English 1020: Critical Thinking and Argumentation. Prater

When a search or refinement is conducted, the 'quick picks' section on the right is replaced with our Course Guides corresponding to that search.



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# Course Guides - Video

ETSU Electronic Resources Tool (Beta)

New Search | e-Journals A-Z | Help

Type here

Search

ALL | A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## Refine My Results

Provider

+

Format

-

- Abstract and Indexing (151)
- E-Books (20)
- Images (12)
- Maps (1)
- Newspapers (11)
- Point of Care (14)
- Reference Tools (8)
- Streaming Media (10)
- Style Guides (3)
- Test Preparation (1)

Subject

-

- Accountancy (8)
- Anthropology (9)
- Appalachian Studies (10)
- Archival Studies (1)
- Art (9)
- Audiology (9)
- Biological Sciences (27)
- Business (21)
- Cardiopulmonary Science (24)
- Career Resources (2)
- Chemistry (15)
- Communication Studies (6)

203 Results

### ABI/INFORM Complete

Business research database

### AccessMedicine

Multimedia resource for medical education and clinical practice

### AccessPharmacy

Multimedia resource for pharmacy education and practice

### Accounting and Tax

Current accounting, taxation, and financial management information for professionals

### ACM Digital Library

Association for Computing Machinery (ACM) publications online

### ACS Style Guide

## Quick Picks

### CINAHL Complete

Nursing and allied health database

### PubMed

Biomedical and health information

### Micromedex 2.0

Clinical decision-support databases

### JSTOR

Comprehensive academic articles and E-Books

### PsychINFO

Peer-reviewed literature in behavioral science and mental health

feedback



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## Additional Features – Integrated Help Desk

- Another feature that makes this system more useful for our users is integration with our help desk ticketing system.
- This allows users to provide feedback if there is a problem with a resource, and automatically provides information about the resource to allow quicker resolution.

### America History and Life

#### About this resource:

History and culture of the United States and Canada. This bibliographic resource provides a robust source of information focusing on the history and life of the United States and Canada. Selective indexing includes over a thousand journals dating back over 55 years. This source has proved to be an important bibliographic reference tool for students and scholars of U.S. and Canadian history.

#### Provider:

EBSCO

#### This resource covers the following topics:

Appalachian Studies, History, Philosophy, Political Science, Regional and Community Studies, Women's Studies

[Report a resource error](#)





## Database Details

### ABI/INFORM Complete

Business research database

### ABI/INFORM Complete [/display/title](#)

#### About this resource:

Business research database Comprehensive business research database including full-text journals, trade publications, market reports, industry reports, working papers, dissertations, business cases, and conference proceedings.

#### Provider:

ProQuest [/display/lds10](#)

[/display/description](#)

#### This resource covers the following topics:

Accountancy,Business,Economics and Finance,Management and Leadership,Marketing,Public Administration,Public Health,Regional and Community Studies,Sport Leadership and Management

[/display/lds15](#)

[Report a resource error](#)



# Lessons Learned

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- A-Z Go Live -> Shortly
- Updates made to MARC takes 24 hours to reflect in Primo and A-Z list
  - URL permalinks help
  - Faster updates – Develop A-Z using Alma API
- LibGuides – Still working on exports
- Goals: Overall Success



# Questions?

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- Travis Clamon (clamon@etsu.edu)
- Jacob Kindle ([kindle@etsu.edu](mailto:kindle@etsu.edu))
- <http://libs.etsu.edu/sherrod/databases>

