Taking Enterprise Out of the Box:
Customizing, Configuring, Creating

THURSDAY SEPTEMBER 13, 2018
SESSION 1 - 11:15 - 12:00
ROOM 326
MARC Maps

NATALIE PALERMO - LOUISIANA STATE UNIVERSITY LAW
Connections

- **MARC map** is assigned to a **search field**
- **Search field** is assigned to a **search source**
- All play a role in **Search Source tasks**
Connections: MARC Map

- Lays the groundwork for how MARC data is used in Enterprise
- Instructions at the general, tag, and subfield level regarding what to extract from a harvest
- Purpose is to map one or more MARC strings to a single search field in Enterprise
  - Examples:
    - Edition MARC map includes tag 250 and subfields $a and $b
    - Author MARC map includes tags 100, 110, 111, 700, 710, 711 and various subfields
- At each level of the hierarchy, a condition can be defined (Example: (521 subfield $a exists))
- Enterprise comes with over 100 delivered MARC maps
- Each site can add custom MARC maps as needed
Connections: Search Field & Search Source

- **Search Field**
  - Specifies how MARC data extracted from a harvest can be used in Enterprise:
    - As an index
    - As a facet
    - On the search results display
    - On the detail display
  - Assigned a [MARC map](#) to specify MARC data to be extracted
  - Assigned to a [search source](#)

- **Search Source**
  - Points to a specific database from where data is extracted (example: Symphony ILS)
  - Specifies the [search fields](#) to be used
Connections: Search Source Tasks

Harvest
• Triggers the Discovery ILS Agent on Symphony Server
• Extracts records according to selection criteria in file symphony.properties
• Exports data in MARC format

Import
• Processes harvested data record by record
• Extracts data to place into search fields
• Data is extracted into DiXML according to:
  • Defined search fields in the search source
  • MARC maps associated with those search fields

Index
• DiXML data is indexed into Solr
• Solr index is used for searching in Enterprise

DiXML is a version of XML used by SirsiDynix for Enterprise
Customizing Catalog Search Results

TIM OSTEEN - BOSSIER PARISH COMMUNITY COLLEGE
Title: Patton

Author: Schaffner, Franklin J.


Physical Description: 2 videodiscs (171 min.); sd., col.; 4 3/4 in.

Series: Cinema classics collection

Abstract: A dramatization of the experiences of General George S. Patton during World War II.

Subject Term: Generals -- United States -- Drama.

World War, 1939-1945 -- Drama.

Video recordings for the hearing impaired.

Added Author: Schaffner, Franklin J.

Coppola, Francis Ford, 1939--


Scott, George C., 1927-1999.

Madden, Karl.


Goldsmith, Jerry.

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Malden, Karl.
Goldsmith, Jerry.
Farago, Ladislas. Patton.
Custom Search Boxes

DAVID COMEAUX - LOUISIANA STATE UNIVERSITY
Custom Search Boxes

- To build a custom search box, we started with code borrowed from another university. I found the code attending the hackfest associated with COSUGI.

- The first custom search box we made was our custom advanced search, which we now call “More Search Options”
Custom Search Boxes

- I’ll happily share the basic code needed; but here are the highlights:
  - First, a custom search box is an HTML form. All forms need an action.
  - As this form lives in the Enterprise system, all you need is to direct the form to “search/results”
    - `<form action="search/results" name="advSearchForm">`
  - Next, you need the right syntax for each option, e.g.:
    - `<option value="false|||C_PERIODICAL_TITLE|||Periodical Title">Journal Title</option>`
Custom Search Boxes

- `<option value="false|||C_PERIODICAL_TITLE|||Periodical Title">Journal Title</option>`

- The key value comes from the search fields code (not name):

```
Edit Search Field
Search Field: C_PERIODICAL>Title

*Code: C_PERIODICAL_TITLE
*Name: Journal Title
Description: Custom Periodical Title
```
Custom Search Boxes

▪ To populate the drop-downs, I needed to identify the correct parameters.

▪ To find them, I did a search, the limited the results using the facet. That gave me the correct parameter to include in the form.
Custom Search Boxes

- The parameters are displayed in the URL:

  ![Image of URL](image)

- Then I copied these into the form field:

  ```html
  <option value="">All Formats</option>
  <option value="FORMAT Format BOOK Books">Books</option>
  <option value="FORMAT Format ER Electronic Resources">Electronic Resources</option>
  <option value="ITYPE Type 21:ARCH-MSS Archive/Manuscript">Archives/Manuscripts</option>
  <option value="FORMAT Format MAP Map">Maps</option>
  ```

- This basic approach can be used for any parameter that you want to use as a limiter.
Custom Search Boxes

In addition to the custom advanced search box in Enterprise, we also built several search boxes for our website.

Many users access the catalog from the search box on our home page:
Custom Search Boxes

We also built special boxes tailored for specific resources:
HTML Widgets

LAURIE VANDERBROOK - UNIVERSITY OF LOUISIANA AT LAFAYETTE
What is a HTML Widget?
Search Results Display

- **Show Item Holdings**

  The nature of things at Lake Martin: exploring the wonder of Cypress Island Preserve in southern Louisiana
  - **Author:** Coralie, Nancy. 1964
  - **Publisher:** Acadian House Pub.,
  - **Publication date:** 2006
  - **Library:** Edith GarlandDupre Library
  - **Status:** Checked Out
  - **Date:** Due 02/18/2008

- **No Cover Image**

  A geological and computer applications study of the subsurface structure of the Lake Chicot oil and gas field, St. Martin Parish, Louisiana
  - **Author:** Caillouet, Thomas J. (Thomaj)
  - **Publication date:** 1994
  - **Library:** Edith GarlandDupre Library
  - **Status:** Available

No Cover Image
My List Display
Extras

https://ull.ent.sirsi.net/client/en_US/ull
laurie@louisiana.edu
Students and Search Results

SARAH MAZUR - BOSSIER PARISH COMMUNITY COLLEGE
AN ANNOTATED CHECKLIST OF THE BIRDS OF UPPER CHENAB CATCHMENT, JAMMU & KASHMIR, INDIA.

Authors: Sharma, Naasej
        Rana, Suresh Kumar
        Rana, Parvij
        Amran, Raja
        Khajoo, Muazzaffar Ahmed

Year: 2018

Subject: Bird conservation
Bird surveys
Birds

Format: PDF

Publisher: Jammu & Kashmir

Accession Number: 20180003

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AN ANNOTATED CHECKLIST OF THE BIRDS OF UPPER CHENAB CATCHMENT, JAMMU & KASHMIR, INDIA.

Title: AN ANNOTATED CHECKLIST OF THE BIRDS OF UPPER CHENAB CATCHMENT, JAMMU & KASHMIR, INDIA.

Author(s): Warren, Andrew N.

Subject: Bird conservation

Abstract: From the Closure of the Upper Chenab catchment, India.

Keywords: Bird conservation, Bird surveys, Birds - India.

Access: The document is accessible through the library's digital database.

Copyright: © 2023, The Author(s).

Publication Date: 2023.
Enterprise vs. EDS Native Interface
Students and Search Results

Bento Boxes

JODI DUET - FLETCHER TECHNICAL COMMUNITY COLLEGE
Bento Box - An Enterprise Add-On

https://fletcher.ent.sirsi.net/client/en_US/fletchertest

If you would like to add the Bento Box, put in a Task Ticket with LOUIS!
Questions?