

Slide 1:

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Slide 2:

Why do this? As the Electronic Resources Cataloger I needed to know collection information that was not covered by our ERM, Intota:

MARC Loads

Collections by Provider or Consortia

Number of Titles added, updated, deleted for any given timeframe or Provider

Library Specialist workloads

Slide 3:

Record keeping and Organization:

Collection lists with varying amounts of information was kept on in a shared Excel Worksheet
MARC Data entry was transcribed from pen & paper notebooks to another shared Worksheet
on a monthly basis

Some collections had codes based on Intota/Summon, others were based on WorldShare
Management or the Provider codes, and still others didn't have any

Very few collections had a Provider code prepended to Tag 001

All electronic resources were coded with a short code 'i' in our ILS

Slide 4:

Changes Made, Phase I

I requested our System Librarian to add a new code for eBooks in our ILS to isolate non-Government and other electronic resources from the eBook collections and single title purchases.

With the assistance of my staff, I reviewed and revised the collection codes and created Provider codes. This allows for a simple query to find all titles by provider.

Phase 1 - Recoding the eBook collections

Change Millennium "short code" location to ib for eBooks

Revise existing collection codes based on rules

Create new codes for uncoded collections based on rules

Modify workflow to incorporate changes

Slide 5:

Just recoding collections made complex queries simple

Slide 6:

Diagrammed with Visio for stats table and basic database

Realized someone, somewhere, must have done this before

Slide 7:

Coral requires:

PHP 5.5 or above

MySQL 5.5 or above (Another alternative supported is MariaDB 10 or above)

Apache 2.2 or above

Access it is!

Slide 8:

Create MARC Load Log objects (table, forms, queries, reports)

Create Users table

Create Change Log objects (table, forms, queries, reports)
Modify existing tables for Clemson specific needs
Create Collection Specific Cataloging Edits Display (MarcEdit & Millennium steps)
Beta Test split database (tables on server) with 3 simultaneous users
Reset database (clear tables, ensure "real" collection information is loaded)
Create User documentation
Launch Phase 2

----THIS IS WHERE I TURN IT OVER TO JESSICA -----

Slide 9:

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Slide 10:

Earlier Data Entry

Records were kept on a shared Google Sheet

- Each team member had access to the Google spread sheet to enter records

 - Some entered directly while others tracked records on paper then transferred information

 - The table also contained other information about the collections that might be needed

 - Tag 001 prepend code

 - Tag 928 Collection Code

 - Or If a Proxy is required

Slide 11:

Earlier Data Entry

There were also other sheets with information about the database and collections.

Function issues

- Information in different places

- Unlocked

- On a Shared Drive Open to all library employees

- Process sluggish

Why Access was chosen

- Allows us to create our own Data Entry form

Slide 12:

Access Original Creation

Google Sheets Have to become Access Tables

Excel spread sheets can be imported into Access Tables
Sheet were updated for later use in database

Slide 13:

Access Original Creation

Can enter information

CollCode- Collection Code

Data Date- Date Records were made available by the vendor

Milly Date- Date Records were loaded into Millennium (our Work Flows System)

Who- User Name

ADDs, Updates, Deletes- what was done to records.

Clean Up- If the Records need to be fixed for Millennium

Allows new records to be entered (Click)

When a collection code is chosen information on it appears in the Collection Information sub-form.

(Click)

Slide 14:

Old Reports

Functions of bottom buttons

Create Report- asks Parameter value questions then it generates a report

Your Records- Pulls the user's records

Save- Only creates illusion of saving since Access does the automatically

Ecataloging- goes to Ecataloging form

Back To Main- goes back to main page

Create Excel- Redundant to Create Reports Button and will become obsolete

Slide 15:

Form Gets and enters information Into two separate tables

(Click)

If the user was using Google Sheets they'd have to go through multiple sheets for the same information

Slide 16:

Why ERMes was needed

needed our database to do more than Enter Statistics

Ermes did the other functions we needed

We add Millennium Data loads form and information to ERMes

This Created MS CEASR

Slide 17:

Additional Modifications Planned:

Canned reports

Streaming & Database MARC Load Logging (requires some recoding of current collections)

User Security (Sign on/Access Restrictions)
Vendor "Pull" collection reminders
DB Admin reminders (for Problem Log entries, etc.)

Updated Access 2007-2016

Slide 18:

Future Want to Create A Form that makes custom Reports

Text and check boxes instead of questions

Will Create

Reports

Excel Download

Email with attachment

Slide 19:

N/A

Slide 20:

N/A