

---

# Implementing YBP Book Ordering Workflows in Aleph

Configuring Multiple  
Systems to Achieve a  
Common Purpose

*Mike Rogers*

*University of Tennessee Libraries  
Knoxville, Tennessee*



# UT Libraries and ExLibris

- Began Aleph conversion in February 2003
- Switch-to-production in September 2003
- Currently on Aleph v.15.5

# UT Libraries and YBP

- YBP customer since early 1980s
- Acquire books via:
  - Book Ordering by Library Selectors
  - Automatic Book Approval plans
- Outsource:
  - Brief order bibs (YBP)
  - Full Marc bibs (OCLC Promptcat)
  - Physical processing (YBP)

## 2003/04 stats with YBP:

- 19,000 books purchased
  - Book ordering – 6,800
  - Approval plans – 12,200
- \$825,000 spent
  - Book ordering – \$342,000
  - Approval plans – \$483,000

# Focus of today's presentation:

- Book Ordering by Library selectors
  - Our desires and goals for setup
  - Overview of new workflow
- To-Do items
- Question/answer session

# What could Aleph do for us?

- Load brief and full MARC records to create:
  - Bibs
  - Holdings
  - "Temp" Items
  - Orders
  - Budget Encumbrances
- Overlay brief order bibs with full MARC bibs
- Create new items/holdings with correct barcodes, sublibraries, etc

# file-96 bib loader can create:

- Bibs
- Holdings
- "Temp" Items
- Orders
- Budget  
Encumbrances

Load YBP Records (file-96)

\* Input File

\* Default Values Input File

ADM Library

HOL Library

\* Create Item Records  Yes  
 No

\* Create Order Records  Yes  
 No

\* Create ENC Records  Yes  
 No

\* Fix Routine

\* Update Database  Yes  
 No

Run Time

At  O'clock

Submit  
View History  
Cancel  
Help  
 Add to History

# manage-18 bib loader can:

- Update existing bibs with incoming bibs

**Load Catalog Records (manage-18)**

\* Input File

Output File for Rejected Records

Output File for Logging System Numbers

\* Procedure to Run

Add new records to the database

Update current records in the database

If Updating Current Records

\* Indexing

\* Fix Routine

Merge Routine

Cataloger Name

Cataloger Level

\* Character Conversion

\* No. of Catalogers Currently Working

Multi-user

Single user

Run Time

At  O'clock

Submit

View History

Cancel

Help

Add to History



# manage-50 can:

- Create “full” holdings and items based on bib data
- Add to or replace existing holdings/items

**Create Holdings and Item Records Using Bibliographic Data (manage-50)**

Input File

From Document Number (up to 9 digits)

To Document Number (up to 9 digits)

ADM Library

\* HOL Library

Expand Procedure

Main Field

\* Delete Main Field  Yes  No

\* Item / Holdings Creation Table

Mapping Table

\* Holdings Record Creation Mode

\* Item Record Creation Mode

\* Holdings / Item Creation Interaction

BIB Cataloger

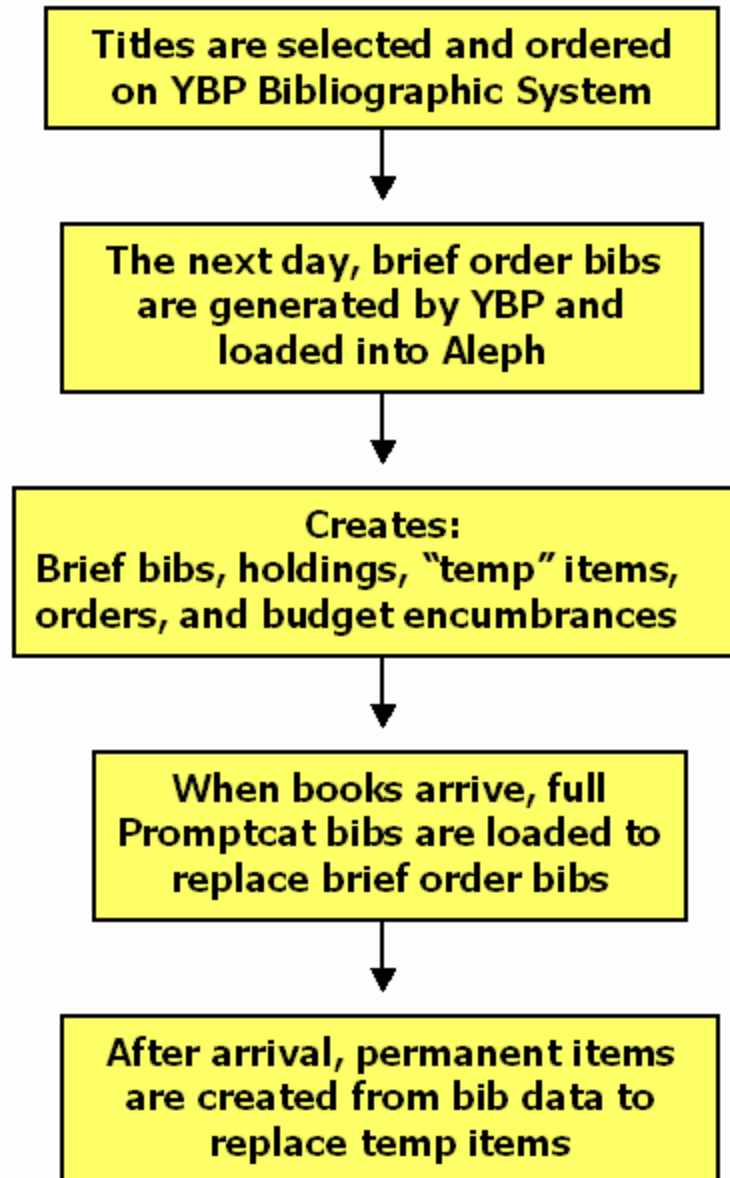
BIB Cataloging Level

ADM Cataloger

ADM Cataloging Level

Add to History

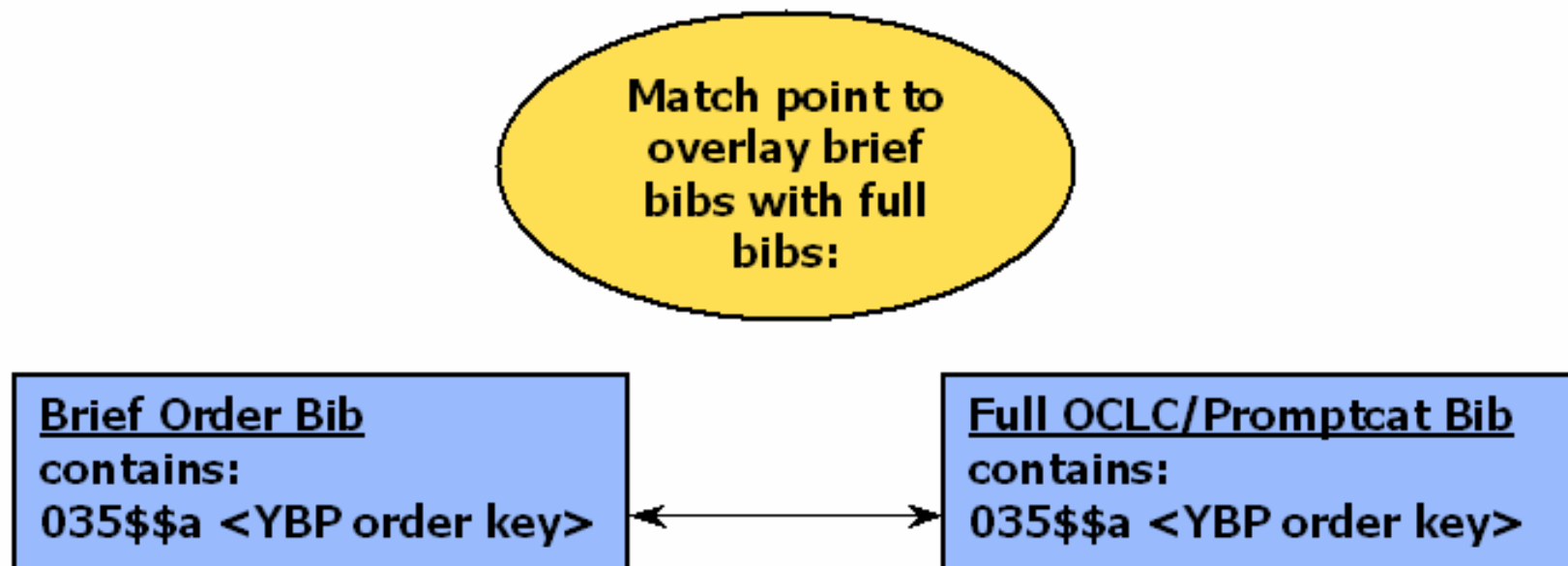
# Desired Book Ordering Workflow:



# Desires/Goals for YBP book ordering:

- All orders are placed on YBP system (Gobi2); no orders sent from Aleph
  - Collection Development librarians 'select' titles
  - Tech Services staff order selections
  - Brief order bibs for all books
- Receive OCLC Promptcat bib records for all YBP books (100% return ratio), containing item information in 949 field
  - Full bibs for most books
  - Brief data bibs for those not matching profile
- Tech Services Librarian manages Aleph record loads
- Staff/students arrive and invoice the titles in Aleph

# How do the full bibs overlay the brief bibs?



## To create the 'extras' Aleph requires incoming bibs to contain certain fields:

- 049\$\$a – location code
- 980\$\$a – invoice/order date
- 980\$\$b – list price
- 980\$\$f – invoice number
- 980\$\$g – number of copies
- 981\$\$b – Aleph budget code
- 949\$\$b – barcode
- 949\$\$k – collection
- 949\$\$l – sublibrary
- 949\$\$m – material type
- 949\$\$n – item status

# We customized YBP's system to fit our needs:

- Librarians have 'select' privileges
- TechServ staff have 'order' privileges

The screenshot shows a web browser window titled "Slip Search Results - Microsoft Internet Explorer". The page displays search results for "Slip Results: 14 slips". The first result is highlighted in orange and includes the following details:

- Title:** [NANOPARTICLE ASSEMBLIES.](#)
- Publisher:** ROYAL SOC OF CHEMISTRY
- Pub Year:** 2004
- Binding:** Paper
- LC Class:** QD1.F32
- Content Level:** PROF
- Volume:** 125
- Series Title:** [FARADAY DISCUSSIONS.](#)
- US List:** \$298.00 USD
- UK List:** Not Known
- Net:** \$283.10 USD
- Slip Date:** 06/02/2004
- Subacct.:** 3280-11
- Fund:** CHEM

A callout box with a yellow background and black text points to the "Order Cart" and "Select Cart" buttons in the left sidebar, stating "Option to select or order".

Below the main result, there is a section for "Full Bibliographic Data: NANOPARTICLE ASSEMBLIES." with the following details:

- Title:** NANOPARTICLE ASSEMBLIES.
- Publisher:** ROYAL SOC OF CHEMISTRY
- Place of Publication:** CAMBRIDGE
- Pub Year:** 2004
- Pagination:** 422 P.
- Binding:** Paper
- Volume:** 125
- Series Title:** [FARADAY DISCUSSIONS.](#)
- Series Vol:** 125
- Series Type:** Numbered Series
- Series ID:** 85021
- ISSN:** 13596640
- LC Class:** QD1.F32
- Content Level:** PROF
- LC Subject Headings:** 1. CHEMISTRY--PERIOD. 2. METALLURGY--PERIOD.
- Approval Note:** PROCEEDINGS (2003: LIVERPOOL, U.K.)
- Interdisciplinary Topics:** Science
- Format:** Conference Proceeding
- Country of Origin:** UK
- ISBN:** 0854049673

The footer of the page includes navigation links: GOBI 2 Home, Site Map, Account Structure, Contact Us, Feedback, and Logout. It also contains the text "Copyright © 2001 YBP Library Services".

Select Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GOBI Search Slips Orders Folders Approvals Continuations Options Library

order select help Quick Search: go

Select Cart: 3 pending selections 3 / List:\$357.90 USD Page 1 / 1 single brief full

State  Act  Record sorted by order of entry ascending

<input type="checkbox"/>		<b>Title:</b> <a href="#">NANOPARTICLE ASSEMBLIES.</a>	<b>ISBN:</b> 0854049673
		<b>Publisher:</b> ROYAL SOC OF CHEMISTRY	<b>Pub Year:</b> 2004
		<b>LC Class:</b> QD1.F32	<b>Content Level:</b> PROF
		<b>Series Title:</b> <a href="#">FARADAY DISCUSSIONS.</a>	<b>Binding:</b> Paper
		<b>US List:</b> \$298.00 USD	<b>Volume:</b> 125
		<b>UK List:</b> Not Known	
		<b>YBP Fund Code:</b> CHEM	<b>Quantity:</b> 1
		<a href="#">slip sent (06/02/2004)</a>	<b>Selector Initials:</b> MCR
			<a href="#">GobiTveen (1 slip)</a>

Order Details: [NANOPARTICLE ASSEMBLIES.](#)

Subaccount:   No substitutions

YBP Fund Code:

Quantity: \*  ← **Quantity is mandatory for selection**

Initials:

Location:

Vendor note:

Aleph fund code:

UTK Ordering Notes:  ← **Notes from Selectors**

Submit All

GOBI 2 Home | Site Map | Account Structure | Contact Us | Feedback | Logout

Copyright © 2001 YBP Library Services

## GOBI2: Selection screen

- Selectors can add order notes

Order Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GOBI Search Slips Orders Folders Approvals Continuations Options Library

order select help Quick Search: go

Order Cart: 1 pending order 1 items Page 1 / 1 single brief full

State  Act  Record sorted by order of entry ascending

**Title:** NANOPARTICLE ASSEMBLIES. [slip sent \(06/02/2004\)](#)

**Publisher:** ROYAL SOC OF CHEMISTRY **Place of Publication:** CAMBRIDGE [GobiTween \(1 slip\)](#)

**Pub Year:** 2004 **Pagination:** 422 P. [All YBP/L&H Activity](#)

**Binding:** Paper

**Volume:** 125

**Series Title:** FARADAY DISCUSSIONS.

Prev Save Next Full Bib. Order Details: NANOPARTICLE ASSEMBLIES.

**Subaccount:** \*  
  No substitutions

**YBP Fund Code:** \*  **Quantity:** \*

**Initials:** \*

**Location:** \*

**Vendor note:**

**Aleph fund code:** \*

**UTK Ordering Notes:**

YBP lindsay and howes GOBI 2 Home Site Map Account Structure Contact Us Feedback Logout Copyright © 2001 YBP Library Services

## GOBI2: Order screen

- Subaccount
- YBP Fund Code
- Quantity
- Initials
- Location
- Aleph Fund Code



Order Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GOBI

Search Slips Orders Folders Approvals Continuations Options Library

order select help Quick Search: go

Order Cart: 1 pending order 1 items Page 1 / 1 single brief full

State  Act  Record. sorted by order of entry ascending

**Title:** NANOPARTICLE ASSEMBLIES, [slip sent \(06/02/2004\)](#)  
**Publisher:** ROYAL SOC OF CHEMISTRY **Place of Publication:** CAMBRIDGE [GobiTween \(1 slip\)](#)  
**Pub Year:** 2004 **Pagination:** 422 P. [All YBP/L&H Activity](#)  
**Binding:** Paper  
**Volume:** 125  
**Series Title:** FARADAY DISCUSSIONS.

Prev Save Next Full Bib. Order Details: NANOPARTICLE ASSEMBLIES.

Subaccount: \*  No substitutions

3280-06 BYPASS SLIP  
 3280-10 BYPASS FIRM  
 3280-11 APPROVAL  
 3280-12 JUVENILE BYPASS  
 3280-13 AUTHORS APPROVAL  
 3280-14 AGVET APPROVAL  
 3280-15 MUSIC APPROVAL  
 3280-20 HODGES SLIP  
 3280-21 HODGES REF SLIP  
 3280-22 AGVET SLIP  
 3280-23 AGVET REF SLIP  
 3280-24 MUSIC SLIP  
 3280-30 HODGES FIRM  
 3280-31 HODGES REF FIRM  
 3280-32 AGVET FIRM  
 3280-33 AGVET REF FIRM  
 3280-34 MUSIC FIRM  
 3280-60 L&H UK FIRM ORDERS  
 3280-61 L&H APPROVAL  
 3280-62 L&H SLIP ORDERS  
 3280-65 L&H UK OUT OF PRINT  
 3280-66 L&H PRIORITY  
 3280-69 L&H

UTK Ordering Notes:

YBP Lindsay Andrews GOBI 2 Home Site Map Account Structure Contact Us Feedback Logout Copyright © 2001 YBP Library Services

## GOBI2: Order screen

- Drop-down list of UTK Subaccounts

UTK Subaccounts

Order Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GOBI Search Slips Orders Folders Approvals Continuations Options Library

order select help Quick Search: go

Order Cart: 1 pending order 1 items Page 1 / 1 single brief full

State  Act  Record. sorted by order of entry ascending

Title: NANOPARTICLE ASSEMBLIES, slip sent (06/02/2004)  
 Publisher: ROYAL SOC OF CHEMISTRY Place of Publication: CAMBRIDGE GobiTween (1 slip)  
 Pub Year: 2004 Pagination: 422 P. All YBP/L&H Activity  
 Binding: Paper  
 Volume: 125  
 Series Title: FARADAY DISCUSSIONS.

Prev Save Next Full Bib. Order Details: NANOPARTICLE ASSEMBLIES.

Subaccount: \*  
 3280-20 HODGES SLIP  No substitutions

YBP Fund Code: \* Quantity: \*  
 CHEM 1

Initials: \*  
 MCR

Location: \*  
 TKNA  
 TKNM  
 TKNN  
 TKNP  
 TKNR

code: \*

UTK Ordering Notes:

Submit All

lindsay@hewes GOBI 2 Home Site Map Account Structure Contact Us Feedback Logout Copyright © 2001 YBP Library Services

## GOBI2: Order screen

- Drop-down list of Locations

UTK Location codes  
(appear in 049 of  
brief bib)

Order Cart - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GOBI

Search Slips Orders Folders Approvals Continuations Options Library

order select help Quick Search:  go

Order Cart: 1 pending order 1 items Page 1 / 1 single brief full

State  Act  Record sorted by order of entry ascending

Title: [NANOPARTICLE ASSEMBLIES](#) [slip sent \(06/02/2004\)](#)  
 Publisher: ROYAL SOC OF CHEMISTRY Place of Publication: CAMBRIDGE [GobiTween \(1 slip\)](#)  
 Pub Year: 2004 Pagination: 422 P. [All YBP/L&H Activity](#)  
 Binding: Paper  
 Volume: 125  
 Series Title: [FARADAY DISCUSSIONS](#)

Prev Save Next Full Bib. Order Details: [NANOPARTICLE ASSEMBLIES](#)


Subaccount: \*  
 3280-20 HODGES SLIP  No substitutions

YBP Fund Code: \* Quantity: \*  
 CHEM 1

Initials: \*  
 MCR

Location: \*  
 TKNN

Vendor note:

Aleph fund code: \*   
 FCHEM-2004

UTK Ordering Notes:

**Aleph Budget Code**

YBP lindsay@hewes GOBI 2 Home Site Map Account Structure Contact Us Feedback Logout Copyright © 2001 YBP Library Services

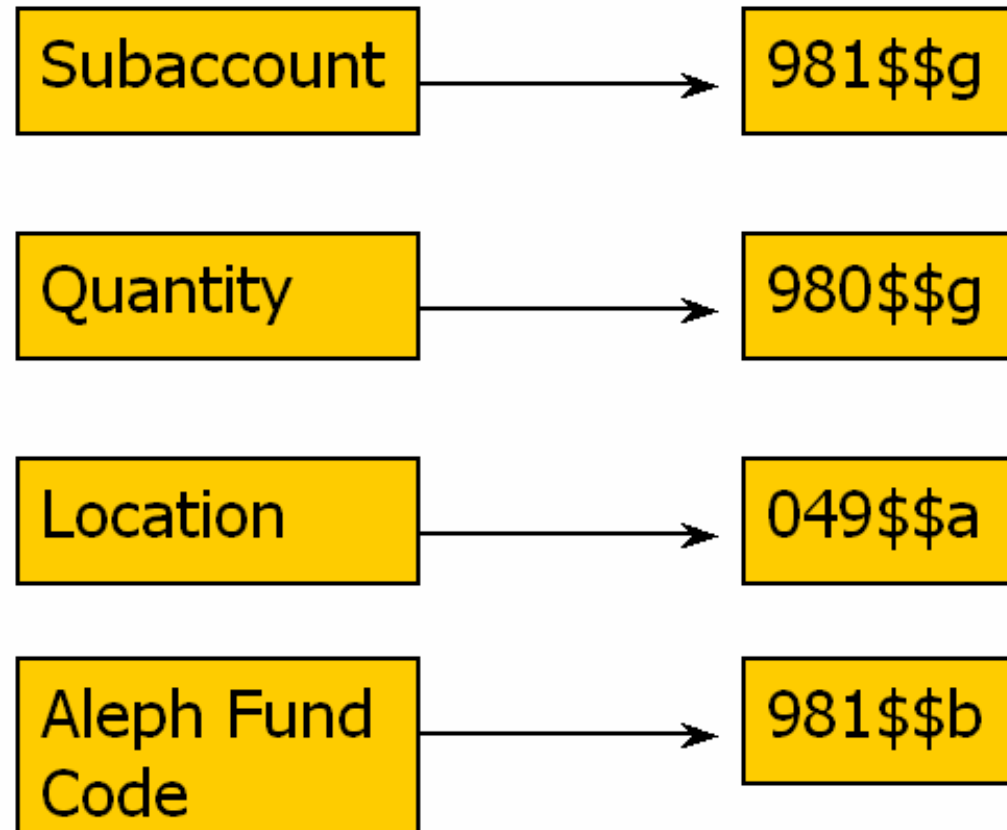
## GOBI2: Order screen

- Correct Aleph budget is entered

**Data fields for each title ordered are mapped from the YBP system to the brief order bibs...**

**Gobi2 Field:**

**Brief Bib:**



...which are supplied the next day as bib files on YBP's FTP server:

```
1:cat.lib.utk.edu - aleph525 - SSH Secure Shell
File Edit View Window Help
Quick Connect Profiles
----- 1 owner group 4 May 19 5:30 3280051904.cnt
----- 1 owner group 1666 May 20 5:27 3280052004
----- 1 owner group 3 May 20 5:27 3280052004.cnt
----- 1 owner group 7372 May 21 5:31 3280052104
----- 1 owner group 4 May 21 5:31 3280052104.cnt
----- 1 owner group 25811 May 25 5:29 3280052504
----- 1 owner group 4 May 25 5:29 3280052504.cnt
----- 1 owner group 27512 May 26 5:29 3280052604
----- 1 owner group 4 May 26 5:29 3280052604.cnt
----- 21404 May 27 5:29 3280052704
----- 4 May 27 5:29 3280052704.cnt
----- 492 May 28 5:29 3280052804
----- 3 May 28 5:29 3280052804.cnt
----- 4461 May 29 5:28 3280052904
----- 4 May 29 5:28 3280052904.cnt
----- 1288 Jun 3 14:26 3280060304
----- 3 Jun 3 14:26 3280060304.cnt
----- 2818 Jun 4 5:25 3280060404
----- 3 Jun 4 5:25 3280060404.cnt
----- 5639 Jun 5 5:26 3280060504
----- 4 Jun 5 5:26 3280060504.cnt
226 Transfer complete.
12410 bytes received in 0.14 seconds (84.09 Kbytes/s)
ftp> mget 32800605*
```

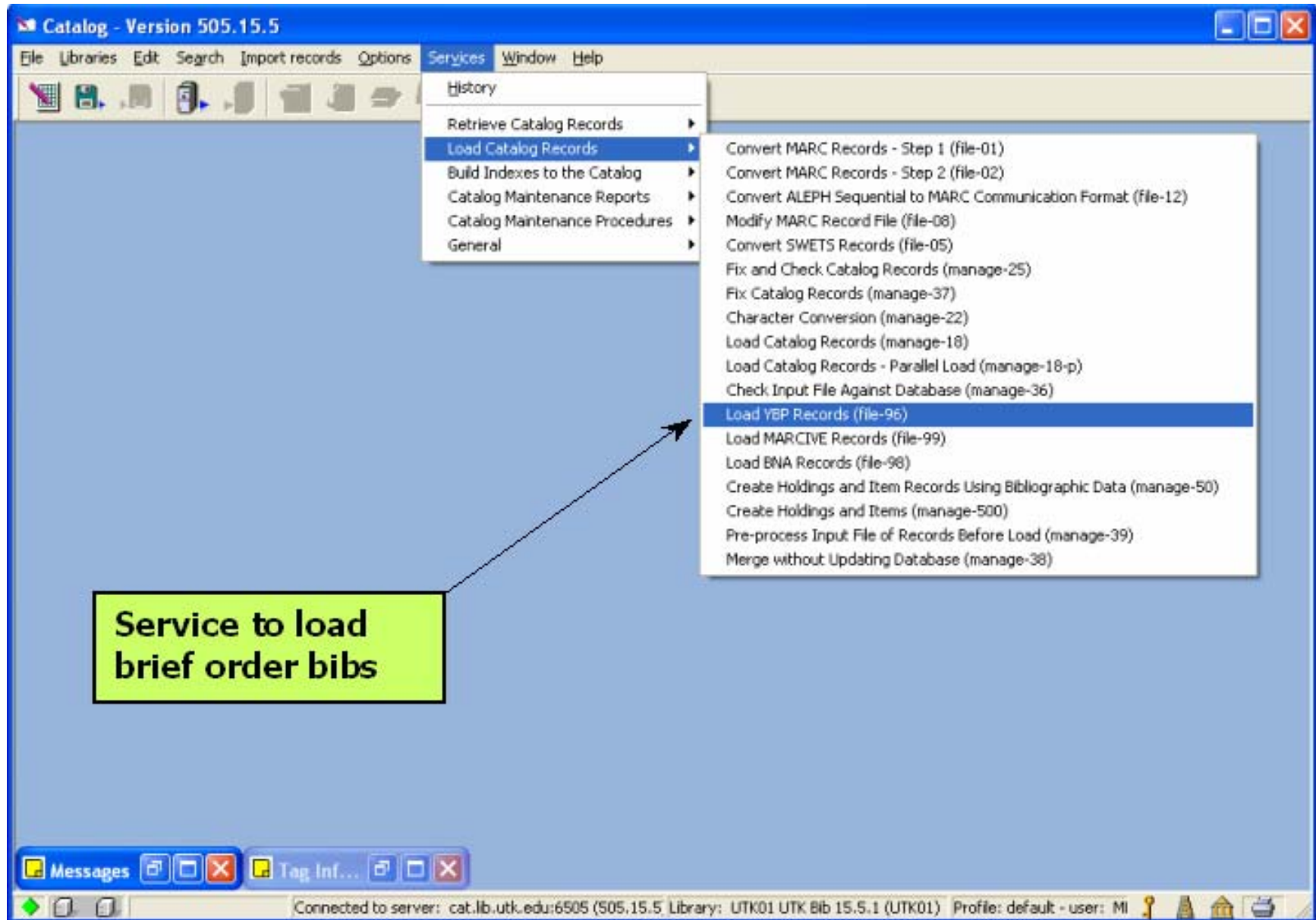
Downloading files from YBP for June 5th

5639 Jun 5 5:26 3280060504

ftp> mget 32800605\*

Connected to cat.lib.utk.edu SSH2 - aes128-cbc - hmac-md5 - none 80x24 NUM

# Loading brief bibs to Aleph: file-96



# file-96: YBP record loader

**Load YBP Records (file-96)**

\* Input File: 3280060504

\* Default Values Input File: tab\_ybpf\_def

ADM Library: UTK50

HOL Library: UTK60

\* Create Item Records:  Yes,  No

\* Create Order Records:  Yes,  No

\* Create ENC Records:  Yes,  No

\* Fix Routine: None

\* Update Database:  Yes,  No

Run Time: Today

At: [ ] O'clock

Buttons: Submit, View History, Cancel, Help, Add to History (checked)

**Note: options to create "extras"**

# file-96: YBP record loader

**Load YBP Records (file-96)**

\* Input File: 3280060504

\* Default Values Input File: tab\_ybpf\_def

ADM Library: UTK50

HOL Library: UTK60

\* Create Item Records:  Yes  No

\* Create Order Records:  Yes  No

\* Create ENC Records:  Yes  No

\* Fix Routine: None

\* Update Database:  Yes  No

Run Time: Today

At: [ ] o'clock

Buttons: Submit, View History, Cancel, Help

Add to History

**Defaults file from xxx01/tab/import**



# Aleph table used by file-96:

```
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!-!!!!!!!!!!!!-!!!!!!!!!!!!
CATALOGER                ##### MROGERS2
ORDER-SEQ                ##### mono
Z30-SUB-LIBRARY         TKNN      H
Z30-SUB-LIBRARY         TKNA      AGVET
Z30-SUB-LIBRARY         TKNM      MUS
Z30-SUB-LIBRARY         TKNP      MAP
Z30-SUB-LIBRARY         TKNR      HREF
Z30-COLLECTION          TKNN      STACK
Z30-COLLECTION          TKNA      STACK
Z30-COLLECTION          TKNM      STACK
Z30-COLLECTION          TKNP      STACK
Z30-COLLECTION          TKNR      REF
Z30-MATERIAL            ##### BOOK
Z30-ITEM-STATUS         ##### O1
Z30-CATALOGER           ##### MROGERS2
Z30-CALL-NO-TYPE        ##### O
Z30-ITEM-PROCESS-STATUS ##### OR
Z68-SUB-LIBRARY         TKNN      H
Z68-SUB-LIBRARY         TKNA      AGVET
Z68-SUB-LIBRARY         TKNM      MUS
Z68-SUB-LIBRARY         TKNP      MAP
Z68-SUB-LIBRARY         TKNR      HREF
Z68-ORDER-TYPE          ##### M
Z68-ORDER-STATUS        ##### SV
Z68-ARRIVAL-STATUS      ##### P
Z68-VENDOR-CODE         ##### YBPN
Z68-RUSH                 ##### N
Z68-DELIVERY-TYPE       ##### C
Z68-E-CURRENCY           ##### USD
Z68-METHOD-OF-ACQUISITION ##### P
Z68-ORDER-DELIVERY-TYPE ##### LE
Z68-MATERIAL-TYPE       ##### M
Z68-SEND-METHOD        ##### PRINT
Z68-TARGET-DIRECT       ##### X
Z68-ORDERING-UNIT       ##### MAIN
Z68-INVOICE-STATUS      ##### P
Z68-ORDER-GROUP         ##### MAIN
Z601-VENDOR-CODE        ##### YBPF
Z601-USER-NAME          ##### MROGERS2
Z601-CURRENCY            ##### USD
Z601-TYPE                ##### ENC
Z601-BUDGET-NUMBER      ##### YBP-2004
Z601-ORIGINAL-SUM       ##### 0010
```

**tab\_ybpf\_def**  
**loader defaults table for**  
**file-96**

**located in:**  
**xxx01/tab/import**

**Values not specified**  
**in ExLibris**  
**documentation**

After submitting file-96, the brief bib (in ALL CAPS) is created in a matter of seconds...

Library UTK01 - Format BK - System Number 1658659 - NEW835.MRC

<i>Leader</i>	<b>LDR</b>	---	00479nam^^2200145z^^4500
<i>Control No.</i>	<b>001</b>	---	001658659
<i>Date and Time</i>	<b>005</b>	---	20040602103733.0
<i>Fixed Data</i>	<b>008</b>	---	040407n2003^^^^^xx^ ^^^^^^^^^^^^^   ^  und^u
<i>ISBN</i>	<b>020</b>	<b>a</b>	0759100713
<i>System No.</i>	<b>035</b>	<b>a</b>	99807679458
<i>Personal Name</i>	<b>100</b>	<b>a</b>	KING, THOMAS F
<i>Main Title</i>	<b>245</b>	<b>0 a</b>	PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CULTURAL RESOURCE MANAGEMENT.
<i>Imprint</i>	<b>260</b>	<b>a b c</b>	WALNUT CREEK ALTAMIRA 2003
<i>Series</i>	<b>490</b>	<b>a</b>	HERITAGE RESOURCES MANA
<i>Local Holdings</i>	<b>049</b>	<b>a</b>	TKNN
<i>MLC X-Rel Ser.P</i>	<b>980</b>	<b>a b g z</b>	20040406 24.95 1 USD
<i>MLC X-Rel Ser.C</i>	<b>981</b>	<b>b c e f g</b>	FHIST-2004 HIST IC Paper 328020

035 field: match point for overlay of full Promptcat bib record

# ...along with a Holdings record:

The screenshot shows a window titled "Library UTK60 - Format HO - System Number 1650696 - NEW854.MRC". The window contains the following text:

```
Leader      LDR      - - ^^^^nx^^a22^^^i^4500
Fixed Data  008      - - 0404072u^^^8^^^4001uueng0000000
Link        LKR      - a  HOL
           I  UTK01
           b  001658659
```

A callout box labeled "Link to Bib" has an arrow pointing to the bib number "001658659".

# a "temporary" item:

The screenshot shows an 'Item Form' window with the following fields and values:

- Barcode: 1676150-10 (Callout: System-generated barcode)
- Sublibrary: H
- Collection: STACK
- Shelving Scheme: 0
- Temporary Location:
- Call Number: (empty)
- 1st Shelving Scheme: (empty)
- 2nd Call Number: (empty)
- Copy Number: (empty)
- Enum. Level.1 (A)(Vol.): (empty)
- Enum. Level.2 (B): (empty)
- Description: (empty)
- Material Type: BOOK
- Item Status: 01 (Callout: Default values from tab\_ybpf\_def)
- Item Process Status: OR (Callout: Default values from tab\_ybpf\_def)
- Hol. Link: 1650696 (Callout: Default values from tab\_ybpf\_def)
- 85X Type/Linking No.: | 0 (Callout: Default values from tab\_ybpf\_def)

Buttons on the right side of the form include: Update, Save Defaults, Circ. History, Refresh, Cancel, and Help.

**Order Form - PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CU...**

1. Order Information      2. Vendor      3. Quantity and Price

Order Number 1: M3340      Order Status: SV     

Order Number 2:      Order Number 3:     

Order ISBN/ISSN:      Order Group:     

Open Date: 07/Apr/2004      Status Date: 07/Apr/2004

Order Date: 06/Apr/2004

---

Material Type: M

Sublibrary: H

Acquisition Method: P

Initiator ID:      Initiator Name:      Action: None

Library Note:     

the Order:

**Order Form - PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CU...**

1. Order Information      2. Vendor      3. Quantity and Price

Vendor Information:     

Vendor Code: YBPF     

Vendor Name: YBP (FIRM)     

Vendor Reference:      Vendor Note:      Vendor Contact:      Order Delivery Type: LE     

Delivery Type: C       Rush

**Order Form - PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CU...**

1. Order Information      2. Vendor      3. Quantity and Price

Order Quantity:     

Number of Units: 1     

Unit Price: 24.95      Total Price: 24.95     

Quantity Note:     

Estimated Price:

Currency: USD     

List Price: 24.95

Terms Sign (+/-): -      Terms Percent: 0.00

Final Price: 24.95      Local Price: 24.95

Price Note:

# and the Budget Encumbrance.

**Encumbrances for Order M3340**

Budget number	Enc/Active Amount
FHIST-2004	24.95 (24.95)

Buttons: Add Budget, Encumber, Delete Budget, Balance

Budget Code to Add:

Encumbrance:

Encumbrance Percent:

Estimated Cost of Order:

Local Cost of Order:

Currency of Order:

Total Encumbrance:

Buttons: Close, Help

**Aleph budget Price**

**Web Catalog – full view**

Full Catalog - Full View of Record - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address http://cat.lib.utk.edu:4505/F/1R22MVREXM4HB8VTX3V19GE21CMDE974V5BTIFKMR2MQEUCI...full-set-setaset...

**UT Libraries CATALOG**

Basic Search View Saved Records Exit My Account  
Advanced Search Search History Feedback  
Results List Last Browse Help

Searching: **Full Catalog**

Save Record / E-Mail Record / Add to e-Shelf

Full View of Record

Choose format: [Standard format](#) / [Catalog card](#) / [Citation](#) / [Name tags](#) / [MARC tags](#)

Record 1 out of 1 ◀ Previous Record Next Record ▶

<b>Author</b>	●KING, THOMAS F
<b>Title</b>	PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CULTURAL RESOURCE MANAGEMENT.
<b>Imprint</b>	WALNUT CREEK ALTAMIRA 2003
<b>Check Availability:</b>	<a href="#">All items</a> <a href="#">On Order - Hodges Library / Stacks:</a>
<b>Series</b>	( HERITAGE RESOURCES MANAGEMENT SERIES.6 )
<b>ISBN</b>	0759100713
<b>Format</b>	Book
<b>Sys. no.</b>	001658659

◀ Previous Record Next Record ▶

© 2003 Ex Libris

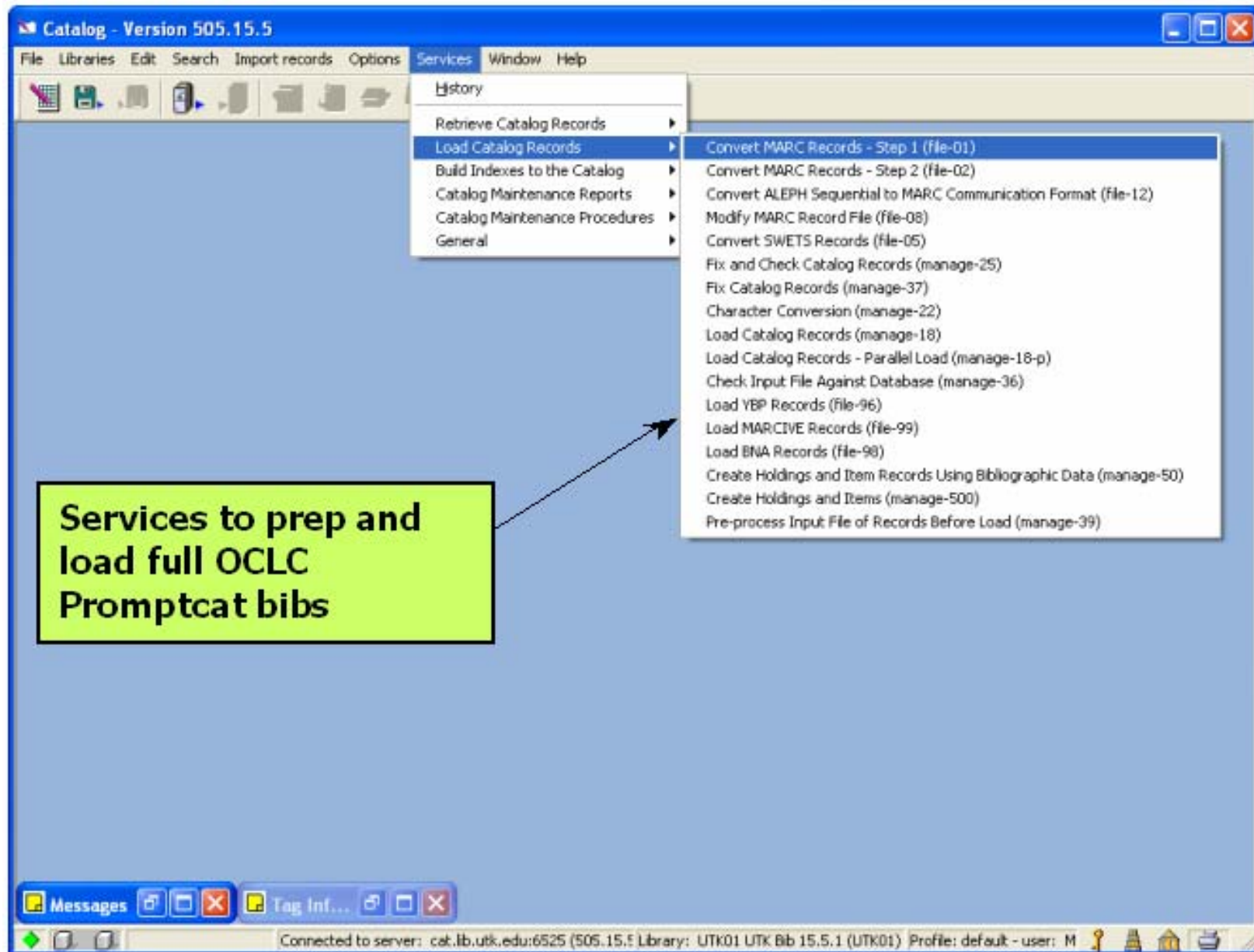
Internet

# Aleph Cataloging services for loading full OCLC Promptcat bibs:

- file-01, file-02 - Convert to Aleph sequential
- manage-37 - Move OCLC# from 001 to 035
- manage-22 - Character conversion
- manage-36 - Check for duplicates
- manage-38 - Merge fields for unique matches
- manage-18 - Load/overlay unique matches



# Loading full bibs to Aleph: Cataloging services



**Brief order bib**

Library Number 1658659 - NEW858.MRC

Leader LDR 00479nam^^2200145z^^4500  
 Control No. 001 001658659  
 Date and Time 005 20040602103733.0  
 Fixed Data 008 040407n2003^^^xx^|^^^und^u  
 ISBN 020 a 0759100713  
 System No. 035 a 99807679458  
 Personal Name 100 a KING, THOMAS F  
 Main Title 245 0 a PLACES THAT COUNT : TRADITIONAL CULTURAL PROPERTIES IN CULTURAL RESOURCE MANAGEMENT.  
 Imprint 260 a WALNUT CREEK  
 b ALTAMIRA  
 c 2003  
 Series 490 a HERITAGE RESOURCES MANAGEMENT SERIES.6  
 Local Holdings 049 a TKNN  
 MLC X-Rel Ser.P 980 a 2004  
 b 24.9  
 1  
 USD  
 MLC X-Rel Ser.C 981 b FHIS  
 HIST  
 IC  
 Paper  
 3280

**YBP order key**

**Promptcat full bib**

```

000000001 LDR L 01183cam^^2
000000001 001 L 000018338
000000001 035 L $$aocm51647572^$$bOCOLC
000000001 005 L 20040510000000.0
000000001 008 L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
000000001 010 L $$a 2003002716
000000001 040 L $$aDLC$$cDLC
000000001 020 L $$a0759100705 (alk. paper)
000000001 020 L $$a0759100713 (pbk. : alk. paper)
000000001 035 L $$a99807679458
000000001 043 L $$an-us---
000000001 049 L $$aTKNN
000000001 05000 L $$aE159$$b.K567 2003
000000001 08200 L $$a363.6/9/0973$$221
000000001 1001 L $$aKing, Thomas F.
000000001 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural resource management /$$cThomas F. King.
000000001 260 L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
000000001 300 L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
000000001 440 0 L $$aHeritage resources management series ;$$vv. 6
000000001 504 L $$aIncludes bibliographical references (p. 297-320) and index.
000000001 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
000000001 650 0 L $$aCultural property$$xProtection$$zUnited States.
000000001 650 0 L $$aHistoric preservation$$zUnited States.
000000001 651 0 L $$aUnited States$$xCultural policy.
000000001 651 0 L $$aUnited States$$xAntiquities.
000000001 949 L $$b39029030387090$$kSTACK$$lH
000000001 994 L $$a92$$bTKN
000000001 FMT L BK
  
```

**YBP order key**

**Match point:**  
**035\$\$a**  
**YBP order key**

# file-01, file-02

## Converts file to Aleph Sequential

**Convert MARC Records - Step 1 (file-01)**

\* Input File: full0610

\* Output File: full0610a

\* MARC Record Format

- MARC record in one block (fixed physical length - 2048)
- MARC record in one block (fixed physical length - 512)
- MARC records delimited by ## (fixed physical length - 80)
- MARC records delimited by '1D' separator
- MARC records spread over various lines
- MARC records in SCW format (fixed physical length - 2048)

Run Time: Today

At: [ ] O'clock

Buttons: Submit, View History, Cancel, Help, Add to History (checked)

**Convert MARC Records - Step 2 (file-02)**

\* Input File: full0610a

\* Output File: full0610b

\* MARC Record Format

- Marc record
- Iso xxxx record
- Iso xxxx record
- MAB2 record

Run Time: Today

At: [ ] O'clock

Buttons: Submit, View History, Cancel, Help, Add to History (checked)

# manage-37

Moves OCLC# from 001 to 035

Fix Catalog Records (manage-37)

Input File: full0610b

\* Output File: full0610c

\* Input File Type:  
 List of Document Numbers  
 ALEPH Sequential

From Document Number (up to 9 digits):

To Document Number (up to 9 digits):

\* Fix Routine: YANK

\* Update Database?:  
 Yes  
 No

Run Time: Today

At: O'clock

Submit  
View History  
Cancel  
Help  
 Add to History

Fix routine located in tab\_fix table: xxx01/tab

# manage-22

## Character conversion from OCLC to UTF

**Character Conversion (manage-22)**

\* Input File: full0610c

\* Output File: full0610d

File Type: Aleph Sequential File

Include LDR:  Yes  No

ALPHA of Input File: None

\* Character Conversion Routine Identifier: OCLC\_TO\_UTF

Run Time: Today

At: [ ] O'clock

Submit  
View History  
Cancel  
Help  
 Add to History

# manage-36

## Check for duplicates

Check Input File Against Database (manage-36)

\* Input File: full0610d

\* Output File 1: full0610d0

\* Output File 2: full0610d1

\* Output File 3: full0610d2

Match Section: 035a

Run Time: Today

At: [ ] O'clock

Buttons: Submit, View History, Cancel, Help, Add to History (checked)

Match routine located in  
tab\_match table:  
xxx01/tab

- Output file 1 = no matches
- Output file 2 = one-to-one matches
- Output file 3 = multiple matches

Library **Brief order bib** Number 1658659 NEW858.MRC

Leader	LDR	00479nam^^2200145z^^4500
Control No.	001	001658659
Date and Time	005	20040602103733.0
Fixed Data	008	040407n2003^^^^^xx ^ ^^ und^u
ISBA	020	a 0759100713
System No.	035	a 99807679458
Personal Name	100	a KING, THOMAS F
Main Title	245	0 a PLACES THAT COUNT : TRADITIONAL CUL PROPERTIES IN CULTURAL RESOURCE MA
Imprint	260	a WALNUT CREEK b ALTAMIRA c 2003
Series	490	a HERITAGE RESOURCES MANAGEMENT SERIES.6
Local Holdings	049	a TKNN
MLC X-Ref Ser.P	980	a 20041 b 24.95 g 1 z USD
MLC X-Ref Ser.C	981	b FHIST c HIST e IC f Paper g 3280:

Note: system numbers now match

**Promptcat full bib**

```

001658659 LDR L 01183cam
001658659 001 L 00001833
001658659 035 L $$aocm51647572^$$bOCoLC
001658659 005 L 20040510000000.0
001658659 008 L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
001658659 010 L $$a 2003002716
001658659 040 L $$aDLC$$cDLC
001658659 020 L $$a0759100705 (alk. paper)
001658659 020 L $$a0759100713 (pbk. : alk. paper)
001658659 035 L $$a99807679458
001658659 043 L $$an-us---
001658659 049 L $$aTKNN
001658659 05000 L $$aE159$$b.K567 2003
001658659 08200 L $$a363.6/9/0973$$221
001658659 1001 L $$aKing, Thomas F.
001658659 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural
resource management /$$cThomas F. King.
001658659 260 L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
001658659 300 L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
001658659 440 0 L $$aHeritage resources management series :$$vv. 6
001658659 504 L $$aIncludes bibliographical references (p. 297-320) and index.
001658659 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
001658659 650 0 L $$aCultural property$$xProtection$$zUnited States.
001658659 650 0 L $$aHistoric preservation$$zUnited States.
001658659 651 0 L $$aUnited States$$xCultural policy.
001658659 651 0 L $$aUnited States$$xAntiquities.
001658659 949 L $$b39029030387090$$kSTACK$$1H
001658659 994 L $$a92$$bTKN
001658659 FMT L BK
  
```





# However, manage-18 has a bug (merge routines do not work):

**Load Catalog Records (manage-18)**

\* Input File

Output File for Rejected Records

Output File for Logging System Numbers

\* Procedure to Run

Add new records to the database

Update current records in the database

If Updating Current Records

\* Indexing

\* Fix Routine

Merge Routine

Cataloger Name

Cataloger Level

\* Character Conversion

\* No. of Catalogers Currently Working

Multi-user

Single user

Run Time

At  O'clock

Submit

View History

Cancel

Help

Add to History

**Option to use merge routine does not work**

## manage-38 - work-around

Entered as shell command at unix; performs a merge routine over a file of records

```
csH -f $aleph_proc/p_manage_38  
UTK01,full0610d1,full0610out,full0610rpt,OVERLAY-01
```

- UTK01 = active library
- full0610d1 = input file
- full0610out = output file
- full0610rpt = report file
- OVERLAY-01 = merge routine from tab\_merge\_overlay

# Output file of manage-38 becomes the input file for the bib loader (manage-18):

The screenshot shows a web form titled "Load Catalog Records (manage-18)". The form contains several fields and options:

- \* Input File:** A text box containing "full0610out", highlighted with a green box. An arrow points from a yellow callout box "Output file from manage-38" to this field.
- Output File for Rejected Records:** An empty text box.
- Output File for Logging System Numbers:** An empty text box.
- \* Procedure to Run:** Radio buttons for "Add new records to the database" (unselected) and "Update current records in the database" (selected). A green box highlights the "Update current records in the database" option. An arrow points from a yellow callout box "Updates/replaces the brief records" to this option.
- If Updating Current Records:** A dropdown menu with "Replace entire record" selected, highlighted with a green box.
- \* Indexing:** A dropdown menu with "Full" selected.
- \* Fix Routine:** A text box with "None".
- Merge Routine:** A text box with "None".
- Cataloger Name:** A text box with "MROGERS2".
- Cataloger Level:** A text box with "01".
- \* Character Conversion:** A dropdown menu with "None" selected.
- \* No. of Catalogers Currently Working:** Radio buttons for "Multi-user" (selected) and "Single user" (unselected).
- Run Time:** A dropdown menu with "Today" selected.
- At:** A text box followed by "O'clock".

Buttons on the right include "Submit" and "View History". A checkbox "Add to History" is checked.

# Web Catalog – full view

Full Catalog - Full View of Record - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <http://cat.lib.utk.edu:4505/F/HAASJ5L5FAM4355DVISHSRNJTDGC3EY8UNH4DSUR2RQKDXHN7D-001957func=full-set-sett> Go Links

**UT Libraries CATALOG**

Basic Search View Saved Records Exit  
Advanced Search Search History Feedback  
Results List Last Browse Help

My Account

Searching: **Full Catalog**

[Save Record](#) / [E-Mail Record](#) / [Add to e-Shelf](#)

Full View of Record

Choose format: [Standard format](#) / [Catalog card](#) / [Citation](#) / [Name tags](#) / [MARC tags](#)

Record 1 out of 1 [Previous Record](#) [Next Record](#)

<b>Author</b>	<a href="#">King, Thomas F.</a>
<b>Title</b>	Places that count : traditional cultural properties in cultural resource management / Thomas F. King.
<b>Imprint</b>	Walnut Creek, CA : Altamira Press, c2003.
<b>Check Availability:</b>	<a href="#">All items</a> <a href="#">On Order - Hodges Library / Stacks:</a>
<b>Description</b>	xiii, 335 p. : ill., maps ; 24 cm.
<b>Subject</b>	<a href="#">Historic sites – Conservation and restoration – United States.</a> <a href="#">Cultural property – Protection – United States.</a> <a href="#">Historic preservation – United States.</a>
<b>Subject</b>	<a href="#">United States – Cultural policy.</a> <a href="#">United States – Antiquities.</a>
<b>Bibliography</b>	Includes bibliographical references (p. 297-320) and index.
<b>Series</b>	Heritage resources management series ; v. 6
<b>ISBN</b>	0759100705 (alk. paper) 0759100713 (pbk. : alk. paper)
<b>Format</b>	Book
<b>Sys. no.</b>	001658659

Internet

## To Do:

### **Implement manage-50**

- Aleph Cataloging service to create new holdings and items from embedded bib data
- Run after the full bibs have been loaded and all items arrived/invoiced

# Item data comes embedded in OCLC Promptcat records:

```
001658659 LDR L 01183cam Promptcat full bib
001658659 001 L 00001833
001658659 035 L $$aocm51647572^$$bOCoLC
001658659 005 L 20040510000000.O
001658659 008 L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
001658659 010 L $$a 2003002716
001658659 040 L $$aDLC$$cDLC
001658659 020 L $$a0759100705 (alk. paper)
001658659 020 L $$a0759100713 (pbk. : alk. paper)
001658659 035 L $$a99807679458
001658659 043 L $$an-us---
001658659 049 L $$aTKNN
001658659 05000 L $$aE159$$b.K567 2003
001658659 08200 L $$a363.6/9/0973$$221
001658659 1001 L $$aKing, Thomas F.
001658659 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural
resource management /$$cThomas F. King.
001658659 260 L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
001658659 300 L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
001658659 440 0 L $$aHeritage resources management series ;$$vv. 6
001658659 504 L $$aIncludes bibliographical references (p. 297-320) and index.
001658659 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
001658659 650 0 L $$aCultural property$$xProtection$$zUnited States.
001658659 650 0 L $$aHistoric preservation$$zUnited States.
001658659 651 0 L $$aUnited States$$xCultural policy.
001658659 651 0 L $$aUnited States$$xAntiquities.
001658659 949 L $$b39029030387090$$kSTACK$$lH
001658659 994 L $$a92$$bTKN
001658659 FMT L BK
```

Embedded data in bib record:  
Barcode  
Collection  
Sublibrary

**Create Holdings and Item Records Using Bibliographic Data (manage-50)**

Input File

From Document Number (up to 9 digits) 000000000

To Document Number (up to 9 digits) 999999999

ADM Library

\* HOL Library

Expand Procedure None

Main Field

\* Delete Main Field  Yes  No

\* Item / Holdings Creation Table

Mapping Table

\* Holdings Record Creation Mode Create holdings records in addition to existing ones

\* Item Record Creation Mode Create item records in addition to existing ones

\* Holdings / Item Creation Interaction Create holdings records based on old and new items

BIB Cataloger

BIB Cataloging Level

ADM Cataloger

ADM Cataloging Level

HOL Cataloger

HOL Cataloging Level

\* Update Database  Yes  No

Submit  
View History  
Cancel  
Help  
 Add to History

Can use doc\_log file of system numbers from manage-18  
located in:  
alephe/scratch

tab\_hol\_item\_create\_ybp





# Must ask YBP/Promptcat to supply two more subfields in 949 of full bibs:

## Incoming full Promptcat bib

```
001658659 LDR L 01183cam^^2200337^a^45'0
001658659 001 L 000018338
001658659 035 L $$aocm51647572^$$bCoLC
001658659 005 L 20040510000000.0
001658659 008 L 030210s2003^^^^cauab^^^^b^^^^001^0^eng^^
001658659 010 L $$a 2003002716
001658659 040 L $$aDLC$$cDLC
001658659 020 L $$a0759100705 (alk. paper)
001658659 020 L $$a0759100713 (pbk. : alk. paper)
001658659 035 L $$a99807679458
001658659 043 L $$an-us---
001658659 049 L $$aTKNN
001658659 05000 L $$aE159$$b.K567 2003
001658659 08200 L $$a363.6/9/0973$$221
001658659 1001 L $$aKing, Thomas F.
001658659 24510 L $$aPlaces that count :$$btraditional cultural properties in cultural
resource management /$$cThomas F. King.
001658659 260 L $$aWalnut Creek, CA :$$bAltamira Press,$$cc2003.
001658659 300 L $$axiii, 335 p. :$$bill., maps ;$$c24 cm.
001658659 440 0 L $$aHeritage resources management series ;$$vv. 6
001658659 504 L $$aIncludes bibliographical references (p. 297-320) and index.
001658659 650 0 L $$aHistoric sites$$xConservation and restoration$$zUnited States.
001658659 650 0 L $$aCultural property$$xProtection$$zUnited States.
001658659 650 0 L $$aHistoric preservation$$zUnited States.
001658659 651 0 L $$aUnited States$$xCultural policy.
001658659 651 0 L $$aUnited States$$xAntiquities.
001658659 949 L $$b39029030387090$$kSTACK$$lH
001658659 994 L $$a92$$bTKN
001658659 FMT L BK
```

949 subfields to add:  
\$\$m - Material Type  
\$\$n - Item Status

# In Conclusion:

- Four months of development
  - Missing values in tab\_ybpf\_def
  - Work-around for tab\_merge\_overlay (manage-38)
  - Other conversion issues
- Time savings per week (approx. 250 books)
  - Old workflow – total 65 hours
    - Download OCLC bibs and create holdings, items, orders, encumbrances; arrive and invoice books
  - New workflow – total 8 hours
    - 30 minutes to load all bib files and create new items
    - 1 hour to resolve no matches/multiple matches
    - 6.5 hours to arrive and invoice books
- Workflow runs very smoothly!

**Thank you for your  
time and attention!**

**Any questions?**

***mikerogers@utk.edu***