

Ex Libris



Examples of homemade fix procedures

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Introduction

- In this presentation we will show examples of actual home made fix procedures
- The fix procedures are based on the parameters described in the previous presentation “Parameters for Home Made Fix Procedures”.
- A prerequisite for this presentation is to view the presentation titled “Parameters for homemade fix procedures”
- First the fix procedure is made and then it is “activated” at various stages.

Note

- Records appearing in this presentation from Library of Congress or other libraries may have been slightly altered for the purposes of this presentation and should not be considered as “official” records as they appear in the original library.
- Records appearing in this presentation do not necessarily conform to the strictest of MARC standards and should not be considered as such.

List of examples part one of three

Example	Parameters Used	Function
One	STOP-SCRIPT COND-LOAD-VAL-MATCH ADD-SUBFIELD	INS2 in tab_fix (save in GUI)
Two	STOP-SCRIPT COND-LOAD-VAL-FIELD COND-LOAD-VAL-MATCH ADD-SUBFIELD	INS2 in tab_fix (save in GUI)
Three	DELETE-FIELD	WEB-FULL-1 in tab_expand (MARC tags display in web)

List of examples part two of three

Example	Parameters Used	Routine / menu
Four	DELETE-FIELD	ext01 tab_fix --> \$alephe_gate/loc.conf Z58-IN-RECORD-FIX (save from Z39.50 source)
Five	STOP-SCRIPT ADD-FIELD DELETE-FIELD	INS2 in tab_fix (save in GUI)
Six	STOP-SCRIPT ADD-FIELD DELETE-FIELD	WEB-FULL-1 in tab_expand (MARC tags format in web OPAC)

List of examples part two of three

Example	Parameters Used	Routine / menu
Seven	STOP-SCRIPT ADD-FIELD	MEYDA (new routine name) activated via manage-18 Uses non Latin
Eight	CONCATENATE□FIELDS	CONCA (new routine name) activated via edit menu
Nine	Many	INS2
Ten	COND-LOAD-VAL-MATCH Col.7	

Example One

Example One

Example One

- The following fix procedure will add 245 \$
\$h[Journal] to bibliographic records.
- It will first check to see if 245 \$\$h[Journal]
already exists and if so stop.
- It will next see if the record has an 856 field
and if so stop (because if it has an 856 it is an
“Electronic Journal” and not a “Journal”).
- It will then see if the FMT field is SE and if so
continue (thus knowing if it is a serial).
- It will then add the desired subfield and text.

Example One

Contents of fix procedure file

\$data_tab/import/add_245_h_journal

```
!      2      3      4      5      6      7      8      9
!-----!-----!-----!-----!-----!-----!-----!-----!-----!-----!
!*
!* Next line = stop if 245 $$h[Journal] exists in record
1 245##          STOP-SCRIPT          $$h = [Journal]
!*
!* Next line = stop if 856 field exists in record
2 856##          STOP-SCRIPT
!*
!* Next line means CONTINUE if there IS a FMT field which IS SE
!* in other words: STOP if FMT IS NOT SE
3 FMT##          COND-LOAD-VAL-MATCH          N,SE
!*
!* Next line will add $$h[Journal] to existing 245
4 245##          ADD-SUBFIELD          h, [Journal]
```

Example One

- The fix procedure is then added to tab_fix with the desired routine name (col. 1).
- The home made fix procedures use Program name (col. 2) fix_doc_do_file_08
- Col. 3 of tab_fix is the name of the file with the fix procedure:

```
! 1                2                3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
INS2  fix_doc_do_file_08                add_245_h_journal
```

Example One

- In this example INS2 routine name was used in column 1. INS2, as explained in the header of tab_fix, is run automatically when a record is updated (or saved the first time) in the Catalog GUI.
- We will now look at such a case.

Example One

- Here we have a record which
 - does have FMT SE
 - Does not have 245 \$\$h[Journal]
 - Does not have 856 field

Library USM01 - Format SE - Local Record - NEW084.MRC				
<i>Leader</i>	<u>LDR</u>	—	—	^^^^nas^a^^^^^^^^a^4500
<i>Control No. ID</i>	<u>003</u>	—	—	DLC
<i>Fixed Data</i>	<u>008</u>	—	—	^^^^^c^^^^9999^^^^r1^^^^
<i>Main Title</i>	<u>245</u>	<u>0</u>	<u>a</u>	Journal of home made fix procedures

Example One

- If we were to save this record 245 \$\$h would not be added.
- It has a field 856 and thus the script would stop.

SE System No. 50718 Journal of home made fix procedures. () Year:			
<i>Leader</i>	<u>LDR</u>	—	00000nas^a^^^^^^^^^a^4500
<i>Control No.</i>	<u>001</u>	—	000050718
<i>Control No. ID</i>	<u>003</u>	—	DLC
<i>Date and Time</i>	<u>005</u>	—	20070322135643.0
<i>Fixed Data</i>	<u>008</u>	—	070322c^^^^9999^^^^r1^^^^^^
<i>Main Title</i>	<u>245</u>	<u>00</u>	<u>a</u> Journal of home made fix procedures.
<i>Elec.Loc.Acc</i>	<u>856</u>	—	<u>u</u> www.homemadefixes.com

Example Two

Example Two

Example Two

- The following fix procedure will add 245 \$
\$h[Electronic Journal] to bibliographic records.
- It will first check to see if 245 \$\$h[Electronic
Journal] already exists and if so stop.
- It will next see if the record has an 856 field.
If there is no 856 field it will stop.
- It will then see if the FMT field is SE and if so
continue.
- It will then add the subfield.

Example Two

- The fix procedure is then added to tab_fix with the desired routine name (col. 1).
- The home made fix procedures use Program name (col. 2) fix_doc_do_file_08
- Col. 3 of tab_fix is the name of the file with the fix procedure:

```
! 1                2                3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
INS2  fix_doc_do_file_08                add_245_h_ejournal
```

Example Two

- In this example INS2 routine name was used in column 1. INS2, as explained in the header of tab_fix, is run automatically when a record is updated (or saved the first time) in the Catalog GUI.
- We will now look at such a case.

Example Two

- Here we have a record which
 - does have FMT SE
 - Does not have 245 \$\$h[Electronic Journal]
 - Does have 856 field

Library USM01 - Format SE - Local Record - NEW085.MRC			
<i>Leader</i>	<u>LDR</u>	— —	^^^^nas^a^^^^^^^^^a^4500
<i>Control No. ID</i>	<u>003</u>	— —	DLC
<i>Fixed Data</i>	<u>008</u>	— —	^^^^^c^^^^9999^^^^r1^^^^.
<i>Main Title</i>	<u>245</u>	<u>0</u> <u>a</u>	Home made fix procedures online
<i>Current Fre.</i>	<u>310</u>	<u>a</u>	Quarterly
<i>Elec. Loc. Acc</i>	<u>856</u>	<u>u</u>	www. fixprocedures.com

Example Two

- After saving the record the subfield h with value [Electronic Journal] is added
- If we save the record again another sub field h with value [Electronic Journal] will not be added because the script checks to see if this exists and if so it stops.

Field	Code	Value
Leader	LDR	00000nas^a^^^^^^^^^a^4500
Control No.	001	000050719
Control No. ID	003	DLC
Date and Time	005	20070322141118.0
Fixed Data	008	070322c^^^^9999^^^^r1^^^^
Main Title	245 00	a Home made fix procedures online. h [Electronic Journal]
Current Fre.	310	a Quarterly
Elec. Loc. Acc	856	u www. fixprocedures.com
Owner	OWN	a PUBLIC

Example Two

- If we were to save this record 245 \$\$h would not be added.
- It does not have a field 856 and thus the script would stop.

SE System No. 50719 Home made fix procedures online. 0 Year:				
<i>Leader</i>	<u>LDR</u>	___	-	00000nas^a^^^^^^^^^^a^4500
<i>Control No.</i>	<u>001</u>	___	-	000050719
<i>Control No. ID</i>	<u>003</u>	___	-	DLC
<i>Date and time</i>	<u>005</u>	___	-	20070322141118.0
<i>Fixed Data</i>	<u>008</u>	___	-	070322c^^^^9999^^^^r1^^^^.
<i>Main Title</i>	<u>245</u>	<u>00</u>	<u>a</u>	Home made fix procedures online.
<i>Current Fre.</i>	<u>310</u>	___	<u>a</u>	Quarterly
<i>Owner</i>	<u>OWN</u>	___	<u>a</u>	PUBLIC

Multiple fix procedures

- It is possible to add multiple fix procedures to the same routine name in \$data_tab/tab_fix so they will all occur.
- When doing so caution should be exercised so that one fix procedure will not counteract a previous procedure

```
! 1                2                3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
INS2  fix_doc_do_file_08                add_245_h_ejournal
INS2  fix_doc_do_file_08                add_245_h_journal
```

Example Three

Example Three

Example Three

- It is possible to also use home made fix procedures to manipulate data in the “MARC Tags” display of the web.
- There may be certain fields that the library does not want the end user to see in the web
- The record on the following slide was copied from the library of Congress to the library via Z39.50.
- The library does not want tags 85900 and 9250 to appear in “MARC Tags” display
- Library wants to leave the fields in the actual data (thus they do not want to delete the fields from record)

Example Three

- We will then add the fix procedure “delete_85900_and_9250” to tab_expand
- It will be added to the WEB-FULL-1 Expand Menu
- The WEB-FULL-1 menu of tab_expand determines display for MARC tags format in web OPAC (full display/Web OPAC format 01)

```
!      1                               2                               3
!!!!!!!!!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
WEB-FULL-1  fix_doc_do_file_08                               delete_85900_and_9250
```

Example Three

- tags 85900 and 9250 no longer appear in “MARC Tags” display for end user in web
- They used to be here

24500	a American libraries direct h [electronic resource]. h [Journal]
260	a Chicago, Ill. : b American Library Association.
310	a Weekly
3621	a Began in 2006.
500	a Description based on: Nov. 8, 2006; title from title screen (pub
538	a Mode of access: Email via electronic mailing list subscription.
650 0	a Library science v Periodicals.
61020	a American Library Association v Periodicals.
7102	a American Library Association.
850	a DLC
85940	u http://www.ALA.org/ALonline
OWN	a PUBLIC
CAT	a MASTER b 99 c 20070322 l USM01 h 1450
012	a -3-7-0701170411-p----- 1
906	a 7 b cbc c serials d 2 e ncip f 20 g n-oclcserc
955	j df44 2005-12-30 a df38 2006-06-12 a df00 2006-06-12 a ht, 20
SID	a Z39 b LOC
SYS	000050721

Example Three

- tags 85900 and 9250 are still in the actual data

SE System No. 50721 American libraries direct Q Year: 2006			
<i>A.E. Corp. Name</i>	<u>710</u>	<u>2</u>	<u>v</u> Periodicals.
<i>Hoio. Institut.</i>	<u>850</u>	<u> </u>	<u>a</u> American Library Association.
<i>Not in Table</i> →	<u>859</u>	<u>00</u>	<u>a</u> DLC
			<u>z</u> Email subscription
			<u>u</u> ikniffel@ala.org
<i>Not in Table</i>	<u>859</u>	<u>40</u>	<u>u</u> http://www.ALA.org/ALonline
<i>Owner</i>	<u>OWN</u>	<u> </u>	<u>a</u> PUBLIC
<i>Not in Table</i>	<u>012</u>	<u> </u>	<u>a</u> -3-7-0701170411-p----- 1
<i>Not in Table</i>	<u>906</u>	<u> </u>	<u>a</u> 7
			<u>b</u> cbc
			<u>c</u> serials
			<u>d</u> 2
			<u>e</u> ncip
			<u>f</u> 20
			<u>g</u> n-oclcserc
<i>Not in Table</i> →	<u>925</u>	<u>0</u>	<u>a</u> Acquire
			<u>x</u> policy default
<i>Not in Table</i>	<u>955</u>	<u> </u>	<u>j</u> df44 2005-12-30
			<u>a</u> df38 2006-06-12
			<u>a</u> df00 2006-06-12

Example Four

Example Four

Example Four

- It is also possible to delete tags 85900 and 9250 from the actual data as it is copied from Library of Congress via Z39.50.
- First we will make a home made fix procedure in **ext01** \$data_tab/import which will be similar to the one previously made (in Example Three) for **usm01** \$data_tab/import
- The fix procedure will be in **ext01** because this is the library used when importing records via z39.50

Example Four

- A procedure is made in ext01 \$data_tab/tab_fix which uses delete_85900_and_9250
- We will call it "FORLC"
- Here is **ext01** \$data_tab/tab_fix

```
! COL      1.   5; ALPHA_NUM, UPPER; -;  
!           Routine name;  
!           Routine name;  
! COL      2.  30; ALPHA_NUM, LOWER; _;  
!           Program name;  
!           Program name;  
! COL      3. 100; ALPHA_NUM; _;  
!           Program arguments;  
!           Program arguments;  
!  
! 1                2                3  
!!!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>  
FORLC fix_doc_do_file_08                delete_85900_and_9250
```

Example Four

- The FORLC will be “called” in the \$alephe_gate/loc.conf file in the following line:

```
Z58-IN-RECORD-FIX
```

```
FORLC
```

- The \$alephe_gate/loc.conf file defines various parameters for Z39.50 from the Library of Congress

Example Four

- We search Library of Congress via Z39.50 for record “American libraries direct”

1. Advanced Search | 2. Multi-base CCL Search | 3. Multi-field Search

Base:

Words Adjacent

AND OR NOT

Example Four

- The record does not have fields 85900 and 92500

1. MARC Tags	2. MARC Public View	3. Catalogue Card	4. Citation	5. Full+Link
538				a Mode of access: Email via electronic mailing list subscription.
650 0				a Library science v Periodicals.
61020				a American Library Association v Periodicals.
7102				a American Library Association.
850				a DLC
85940				u http://www.ALA.org/ALonline
012				a -3-7-0701170411-p----- 1
906				a 7 b cbc c serials d 2 e ncip f 20 g n-oclcserc
955				j df44 2005-12-30 a df38 2006-06-12 a df00 2006-06-12 a ht, 2006-06-15 i df43 2006-12-20
SID				a Z39 b LOC c
SYS				000000003

Example Four

- If we change this line from \$alephe_gate/loc.conf

```
Z58-IN-RECORD-FIX
```

```
FORLC
```

- To this (no fix procedure)

```
Z58-IN-RECORD-FIX
```

Example Four

- Then record will appear from LOC with fields 85900 and 9250

The screenshot shows a library catalog interface with a tabbed menu at the top: 1. MARC Tags, 2. MARC Public View, 3. Catalogue Card, 4. Citation, 5. Full+Link. The '1. MARC Tags' tab is active, displaying a list of MARC fields. The fields are as follows:

Field Number	Field Content
650 0	a Library science v Periodicals.
61020	a American Library Association v Periodicals.
7102	a American Library Association.
850	a DLC
85900	z Email subscription u ikniffel@ala.org
85940	u http://www.ALA.org/ALonline
012	a -3-7-0701170411-p----- 1
906	a 7 b cbc c serials d 2 e ncip f 20 g n-oclcserc
9250	a Acquire x policy default
955	j df44 2005-12-30 a df38 2006-06-12 a df00 2006-06-12 a ht, 2006-06-15 i df43 2006-12-20
SID	a Z39 b LOC c

On the right side of the interface, there is a vertical toolbar with buttons: <<, >>, Locate, Show Like, Headings, External, Link, Item List, Cataloging, and Items. The top right corner shows '1/1'.

Example Five

Example Five

Example Five

- We will now make a fix procedure which will be run on a file located in \$data_scratch, in ALEPH sequential format, while uploading to the database via manage 18.
- While uploading the file we want to
 1. add OWN field with value "GLOBAL"
 2. add 990 (local field) with value "From LC"
 3. Remove field 906 and 9250

Example Five

- Here is a section of the file in \$data_scratch
- This 906 field will be removed when uploading
- This 9250 field will be removed when uploading

```
000000001 24500 L $$aBill Nye the science guy.$$pComput
000000001 24630 L $$aComputers
000000001 260 L $$c1996.
000000001 300 L $$a1 videocassette of 1 (VHS) (ca. 50
000000001 500 L $$aCopyright: Buena Vista Television.
000000001 500 L $$aNumber 78.
000000001 500 L $$aSources used: copyright data base;
t, 1997.
000000001 541 L $$dReceived: 05/09/97;$$3viewing copy
000000001 655 7 L $$aTelevision.$$2mim
000000001 655 7 L $$aSeries.$$2mim
000000001 655 7 L $$aChildren's films and programs.$$2m
000000001 655 7 L $$aEducational/cultural films and vid
000000001 7102 L $$aCopyright Collection (Library of C
000000001 953 L $$aTE01
000000001 991 L $$bc-MP&TV$$hVAF 1512 (viewing copy)$
000000001 FMT L VM
000000002 LDR L ^^^^^cam^a22002774a^4500
000000002 001 L 13425098
000000002 005 L 20050826093229.0
000000002 008 L 031205s2004^^^^nyua^^^j^b^^^^001^0^en
000000002 906 L $$a7$$bcbc$$corignew$$d1$$eecip$$f20$
000000002 9250 L $$aacquire$$bl shelf copies$$xpolicy
000000002 955 L $$ajf03 2003-12-05$$cjf03 2003-12-05
03-12-12$$aps10 2004-10-05 1 copy rec'd., to CIP ver.$$
000000002 010 L $$a 2003026609
000000002 020 L $$a0816055521 (alk. paper)
000000002 040 L $$aDLC$$cDLC$$dDLC
000000002 042 L $$apcc
000000002 05000 L $$aQA76.25$$b.C295 2004
000000002 08200 L $$a004/.023$$222
000000002 24500 L $$aCareers in focus.$$pComputers.
000000002 24630 L $$aComputers
```

Example Five

- Three separate home made fix procedure files located in \$data_tab/import will be used to accomplish the desired changes.
- The files are:
 1. add_own
 2. add_990
 3. delete_906_and_9250

Example Five

- We will now put all three files into one fix routine name in \$data_tab/tab_fix, and call the routine name MANUP. Here they appear in tab_fix:

```
! 1                2                3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
MANUP fix_doc_do_file_08          add_own
MANUP fix_doc_do_file_08          add_990
MANUP fix_doc_do_file_08          delete_906_and_9250
```

Example Five

- The records are uploaded via manage_18 using fix routine name MANUP

Load ALEPH Sequential **MARC Records (manage-18) - USMCI**

* Input File: marc_records

Output File for Rejected Records: marc_records.reject

Output File for Logging System Numbers: marc_records.doc_log

* Procedure to Run: Add new records to the database
 Update current records in the database

If Updating Current Records: Append fields to a record

* Indexing: Full

* Fix Routine: **MANUP**

* Merge/Preferred Routine: None

Cataloger Name: _____

Cataloger Level: _____

* Character Conversion: None

Submit
View History
Cancel
Help
 Add to History
 Print To ADM Lib

Example Five

- Here are our new records:

```
il-aleph02-18(1) USM01-YOELK>>cat $alephe_scratch/marc_records.doc_log  
000050730USM01  
000050731USM01  
000050732USM01
```

- We will now look at the first example,
000050730

Example Five

- The 990 and OWN fields have been added
- The 906 and 9250 fields have been deleted

VM System No. 50730 Bill Nye the science guy. 0 Year: 1996			
<i>Acq. Source</i>	<u>541</u>	—	<u>d</u> Received: 05/09/97; <u>3</u> viewing copy; <u>c</u> copyright deposit--unpublished; <u>a</u> Copyright Collection.
<i>Inox-Genre/Form</i>	<u>655</u>	<u>7</u>	<u>a</u> Television. <u>2</u> mim
<i>Inox-Genre/Form</i>	<u>655</u>	<u>7</u>	<u>a</u> Series. <u>2</u> mim
<i>Inox-Genre/Form</i>	<u>655</u>	<u>7</u>	<u>a</u> Children's films and programs. <u>2</u> mim
<i>Inox-Genre/Form</i>	<u>655</u>	<u>7</u>	<u>a</u> Educational/cultural films and video. <u>2</u> mim
<i>A.E. Corp. Name</i>	<u>710</u>	<u>2</u>	<u>a</u> Copyright Collection (Library of Congress) <u>5</u> DLC
<i>Owner</i>	<u>OWN</u>	—	<u>a</u> GLOBAL
<i>Not in Table</i>	<u>953</u>	—	<u>a</u> TE01
<i>Not in Table</i>	<u>991</u>	—	<u>b</u> c-MP&TV <u>h</u> VAF 1512 (viewing copy) <u>w</u> MUMS VM File
<i>MLC Link to X-R</i>	<u>990</u>	—	<u>a</u> From LC

Example Six

Example Six

Example Six

- We now have a situation where a library regularly exports records to a Union “style” database.
- The library exports records in MARC format which are later loaded into an external database.
- When the library downloads the records they add a local field 995 which is known as “contributing institution”.
- The field 995 is not actually part of the data, but rather it is added via a fix routine during export.

Example Six

- The home made procedure "add_995" is put into a fix routine name in \$data_tab/tab_fix, and called 995. Here it appears in tab_fix:

```
! 1                2                3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
995  fix_doc_do_file_08                add_995
```

Example Six

- We have an input file with three records, the file is called "records"

```
il-aleph02-18 (1) USM01-YOELK>>cd $alephe_scratch
il-aleph02-18 (1) USM01-YOELK>>cat records
000000604USM01
000000605USM01
000000606USM01
```

- 000000605 (the second record) **already has** 995 field with \$\$aSome State University
- The first and third record **do not have** 995 field with \$\$aSome State University

Example Six

- The records are exported to MARC format via print_03.
- Fix routine "995" is used

Download Machine-Readable Records (print-03) - USM01

* Input File	records
* Output File	records_marc
* Field 1	all
Field 2	
Field 3	
Field 4	
Field 5	
Field 6	
Field 7	
Field 8	
* Format	MARC
* Fix Routine	995
* Expand Routine	None
Character Conversion	None

Submit
View History
Cancel
Help
 Add to History
 Online
 Print To ADM Lib

Example Six

- The resulting file in \$data_scratch in MARC format includes the new field, one time for each record:

```
.....
EducaciÃ³n. aSome State University 01340cas 22003491 45000010010000000050017000100080041000270
00900350037001040 0500200014104001140016104200070027504300120028205000180029411000430031221000160035522200
246005300420260006400473300002000537310002400557321002400581362005200605530002700657610005600684650006800
10100863995002600964 000000605 20070501114010.0 740225d19491986vauqr p 0 ua0eng a 5504
01-074X 0 a(OCOLC)00812841 z(OCOLC)01460802 0 a(OCOLC)00812841 aDLC cOUN dSUL dCOO dYUS
dPIT dDLC dNST dAIP dNSD dAIP dOCL dAIP dNYG dNST dHUL dNST dNSD dHUL alc an-us
56 2 aAmerican Council of Learned Societies. 0 aACLS newsl. 04 aThe ACLS newsletter 14 aThe ACL
aAmerican Council of Learned Societies newsletter 00 a[Richmond, etc. : bAmerican Council of Learned
. c22-24 cm. aQuarterly, b1952-86 aIrregular, b1949-51 0 av. 1-37, nos. 1/2; May 1949-w
aAvailable on microfilm 20 aAmerican Council of Learned Societies xPeriodicals. 0 aLearned ins
ties zUnited States xPeriodicals. 2 aAmerican Council of Learned Societies tNewsletter 00 tNewsl
ncil of Learned Societies) x1041-5963 w(DLC)sn 87016643 w(OCOLC)16744303 aSome State University
45000010012000000050017000120080041000290100017000700160020000870220014001070 0000110012102500270012203
189041001100272042001300283050001700296210002400313222003400337245002300371260003500394300002100429310002
620026004945100059005205100043005795100020006225100029006425100034006715100029007055100051007345150053007
2600883650003100909690003600940655003900976655003101015710002401046765007401070740003601144995002601180
18155342.1 740304c19679999nyumrlp 0 a0eng asf 78000496 7 aM43200000 2DNLM 0 a0026
0 a(OCOLC)00819101 z(OCOLC)01758518 0 a(OCOLC)00819101 aDLC cOUN dNSD dDLC dNSD dDLC dR
L dNSD dAIP dNSD dNST dAGL dHUL 1 aengrus ansdp alc 00 aQH506 b.M672 0 aMol. biol.
cular biology b(New York) 00 aMolecular biology. aNew York, bConsultants Bureau. av. bill.
thly, b1977- aBimonthly, b1967-76 0 av. 1- Jan./Feb. 1967- 2 aBibliography of agriculture x
, 1987. 2 aBiological abstracts x0006-3169 b-1984 2 aExcerpta medica 2 aLife sciences collecti
bstracts x0009-2258 0 aIndex medicus x0019-3879 0 aInternational abstracts of biological sciences
numbering and date of the original. aAlso available in an electronic version. 2 aBiology xperio
enetics xperiodicals. 0 aMolecular biology xPeriodicals. 7 aComputer network resources. 2local
rnals. 2lclsh 2 aConsultants Bureau. 0 tMolekul, i}, iara, i}, ia biologi, i}, ia x0026-8984
_5wid aMolecular biology (Online) aSome State University ]
```

Example Six

- Note that the “STOP-SCRIPT” command caused the script to stop processing a particular record, and not the entire input file.
- The first and third record were changed
- The second record was not changed because of the STOP-SCRIPT command.

Example Six

- Here is the 995 field more clearly visible after exporting the records to ALEPH sequential format
- The second record only has one 995 field, which is the original one it already had, a new one was not added because of the STOP-SCRIPT parameter

```
il-aleph02-18 (1) USM50-YOELK>>grep " 995 " records
0000000001 995      L $$aSome State University
0000000002 995      L $$aSome State University
0000000003 995      L $$aSome State University
```

Example Seven

- It is also possible to add text to records via home made fix procedures in non Latin scripts.
- In this example we will add field 690 to a group of records in ALEPH sequential format while they are uploaded via manage-18
- The field 690 will receive the text מידענות (pronounced *meydanut* and means "Information Science" in Hebrew)

Example Seven

- In the previous slide non “standard” Latin was added to the file in the terminal emulator by merely changing the language of the Windows (sometimes emulator configurations are also necessary).
- This is the same way libraries around the world work with all files containing non Latin scripts.
- It is also possible to edit the file on the PC and ftp to server.

Example Seven

- The fix procedure is added to tab_fix as follows:

```
! 1                2                3  
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>  
MEYDA fix_doc_do_file_08                add_690_utf
```

- We made a Routine name MEYDA

Example Seven

- Input file in \$data_scratch named "c" has this record:

```
il-aleph02-18(1) USM01-YOELK>>grep ^000000001 c
000000001 LDR      L ^^^^^cam^a2200289^a^4500
000000001 001      L 3759794
000000001 005      L 19890803000000.0
000000001 008      L 850730s1976^^^^hu^^^^^^^^^^^^^f001^0^hun^^
000000001 035      L $$9(DLC)      82182110
000000001 906      L $$a7$$bcbcb$$$corignew$$d4$$encip$$f19$$gy-gencatlg
000000001 010      L $$a      82182110
000000001 020      L $$a9632010337
000000001 040      L $$aDLC$$cDLC$$dDLC
000000001 05000    L $$aZ695.1.L52$$bK66 1976
000000001 24500    L $$aLibrary science in Hungary
000000001 260      L $$aBudapest :$$bOrszalgos SzelcheInyi KoInyvtaIr, KoInyvtaIrtu
000000001 300      L $$a187 p. ;$$c29 cm.
000000001 500      L $$aIncludes index.
000000001 650 0    L $$aSubject headings$$xLibrary science.
000000001 650 0    L $$aLibrary science$$xAbstracting and indexing.
000000001 650 0    L $$aSubject headings$$xInformation science.
000000001 650 0    L $$aInformation science$$xAbstracting and indexing.
000000001 650 0    L $$aSubject headings, Hungarian.
000000001 7001     L $$aHorvaIth, Magda.
000000001 7001     L $$aKoIvendi, DeInes.
000000001 7102     L $$aKoInyvtaIrtudomaInyi eIs MoIdszertani KoIzpont (Hungary)
000000001 991      L $$bc-GenColl$$hZ695.1.L52$$iK66 1976$$tCopy 1$$wBOOKS
000000001 FMT      L BK
```

Example Seven

- and this record:

```
il-aleph02-18(1) USM01-YOELK>>grep ^000000002 c
000000002 LDR L ^^^^^cam^a2200253^i^4500
000000002 001 L 331261
000000002 005 L 19891215165102.2
000000002 008 L 750318s1974^^^^enk^^^^^^b^^^^000^0^eng^^
000000002 035 L $$$ (DLC) 75306398
000000002 906 L $$a7$$bcbc$$corignew$$d3$$encip$$f19$$gy-gencatlg
000000002 010 L $$a 75306398
000000002 015 L $$aGB74-28618
000000002 020 L $$a0900639083 :$$cÅ£2.50
000000002 040 L $$aDLC$$cDLC$$dDLC
000000002 05000 L $$aZ695.1.I56$$bH67 1974
000000002 08200 L $$a029/.9/02
000000002 1001 L $$aHorsnell, Verina.
000000002 24510 L $$aIntermediate lexicon for information science :$$ba fe
snell.
000000002 260 L $$aLondon :$$bPolytechnic of North London, School of Lib
000000002 300 L $$aviii, 10 p. ;$$c30 cm.
000000002 504 L $$aIncludes bibliographies.
000000002 650 0 L $$aSubject headings$$xInformation science.
000000002 650 0 L $$aInformation science$$xAbstracting and indexing.
000000002 690 0 H $$aИ?ТД11П
000000002 991 L $$bc-GenColl$$hZ695.1.I56$$iH67 1974$$tCopy 1$$wBOOKS
000000002 FMT L BK
```

Example Seven

- The second record **should not** get 690 added with מידענות because it already exists in the record
- The first record **should** get 690 added with מידענות because it does not already exist

Example Seven

- We run manage-18 using the fix procedure MEYDA

Via tab_fix MEYDA uses tab/import/add_690_utf



Load ALEPH Sequential MARC Records (manage-18) - USM01

* Input File: c

Output File for Rejected Records: c.rej

Output File for Logging System Numbers: c.sys

* Procedure to Run: Add new records to the database
 Update current records in the database

If Updating Current Records: Append fields to a record

* Indexing: Full

* Fix Routine: MEYDA

* Merge/Preferred Routine: None

Cataloger Name:

Cataloger Level:

* Character Conversion: 8859_8_TO_UTF

Submit
View History
Cancel
Help
 Add to History
 Print To ADM Lib

Example Seven

- Two new system numbers are added:

```
il-aleph02-18(1) USM01-YOELK>>cd $alephe_scratch
il-aleph02-18(1) USM01-YOELK>>cat c.sys
000050908USM01
000050909USM01
```

- The first one, 50908 should have gotten מידענות added in 690 field according to file tab/import/add_690_utf
- The second one, 50909 should not have gotten מידענות added in 690 field according to file tab/import/add_690_utf because it already has מידענות in field 690 0 .

Example Seven

- The first one, 50908, indeed received the new field:

BK System No **50908** Library science in Hungary () Year: 1976

		b	Orszagos Szechenyi Konyvtar, Konyvtartudomanyi es Modszertani Kozpont,
		c	1976.
<i>Physical Des.</i>	<u>300</u>	<u>—</u>	a 187 p. ;
			c 29 cm.
<i>General Note</i>	<u>500</u>	<u>—</u>	a Includes index.
<i>Subject-Top.1rm</i>	<u>650</u>	<u>0</u>	a Subject headings
			x Library science.
<i>Subject-Top.1rm</i>	<u>650</u>	<u>0</u>	a Library science
			x Abstracting and indexing.
<i>Subject-Top.1rm</i>	<u>650</u>	<u>0</u>	a Subject headings
			x Information science.
<i>Subject-Top.1rm</i>	<u>650</u>	<u>0</u>	a Information science
			x Abstracting and indexing.
<i>Subject-Top.1rm</i>	<u>650</u>	<u>0</u>	a Subject headings, Hungarian.
<i>Local subject</i>	<u>690</u>	<u>—</u>	a
<i>A.E. Pers. Name</i>	<u>700</u>	<u>1</u>	a Horvath, Magda.

מידענות

Example Seven

- The second one, 50909, did not get the new field and still has only the original 690 0:

BK System No. **50909** Intermediate lexicon for information sci (Horsnell, Verina.) Ye

		b	Polytechnic of North London, School of Librarianship,
		c	1974.
<i>Physical Des.</i>	<u>300</u> —	a	viii, 10 p. ;
		c	30 cm.
<i>Bibliog. Note</i>	<u>504</u> —	a	Includes bibliographies.
<i>Subject-Top.Irm</i>	<u>650</u> <u>0</u>	a	Subject headings
		x	Information science.
<i>Subject-Top.Irm</i>	<u>650</u> <u>0</u>	a	Information science
		x	Abstracting and indexing.
<i>Local subject</i>	690 <u>0</u>	a	
<i>Not in Table</i>	<u>906</u> —	a	7
		b	cbc

מידענות

Example Eight

- This example will use the parameter **CONCATENATE□FIELDS**
- This will be used in order to concatenate the first occurrence of a tag to all occurrences of another given tag.

Example Eight

- We add the fix procedure `concat_852_535` to `$data_tab/tab_fix` with routine name CONCA:

```
! 1          2          3
!!!!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
CONCA fix_doc_do_file_08          concat_852_535
```

- We add the routine name CONCA to `$data_root/pc_tab/catalog/fix_doc.eng` as follows:

```
! 1  2 3          4
!!!!-!-!-!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!>
CONCA N L Concatenate 852 and 535
```

Example Eight

- We have this record:

BK System No. 50964 Chemistry in the modern world. Year: 2004

<i>Leader</i>	<u>LDR</u>	---	---	00000nam^a22^^^^^^u^4500
<i>Control No.</i>	<u>001</u>	---	---	000050964
<i>Date and Time</i>	<u>005</u>	---	---	20070501101551.0
<i>Fixed Data</i>	<u>008</u>	---	---	070501s2004^^^^cau^^^^^r
	<u>245</u>	<u>0</u>	<u>a</u>	Chemistry in the modern world.
	<u>535</u>	<u>1</u>	<u>a</u>	HYL
			<u>b</u>	Downtown Campus
			<u>c</u>	Canada
<i>Loc. of Orig.</i>	<u>535</u>	<u>1</u>	<u>a</u>	WID
			<u>b</u>	Main Campus
			<u>c</u>	USA
	<u>852</u>	<u>11</u>	<u>a</u>	MED
			<u>b</u>	GEN
			<u>c</u>	296.5
<i>Location</i>	<u>852</u>	<u>11</u>	<u>a</u>	STEAK
			<u>b</u>	SAFE
			<u>c</u>	296.5

Two 535 fields

Two 852 fields

Example Eight

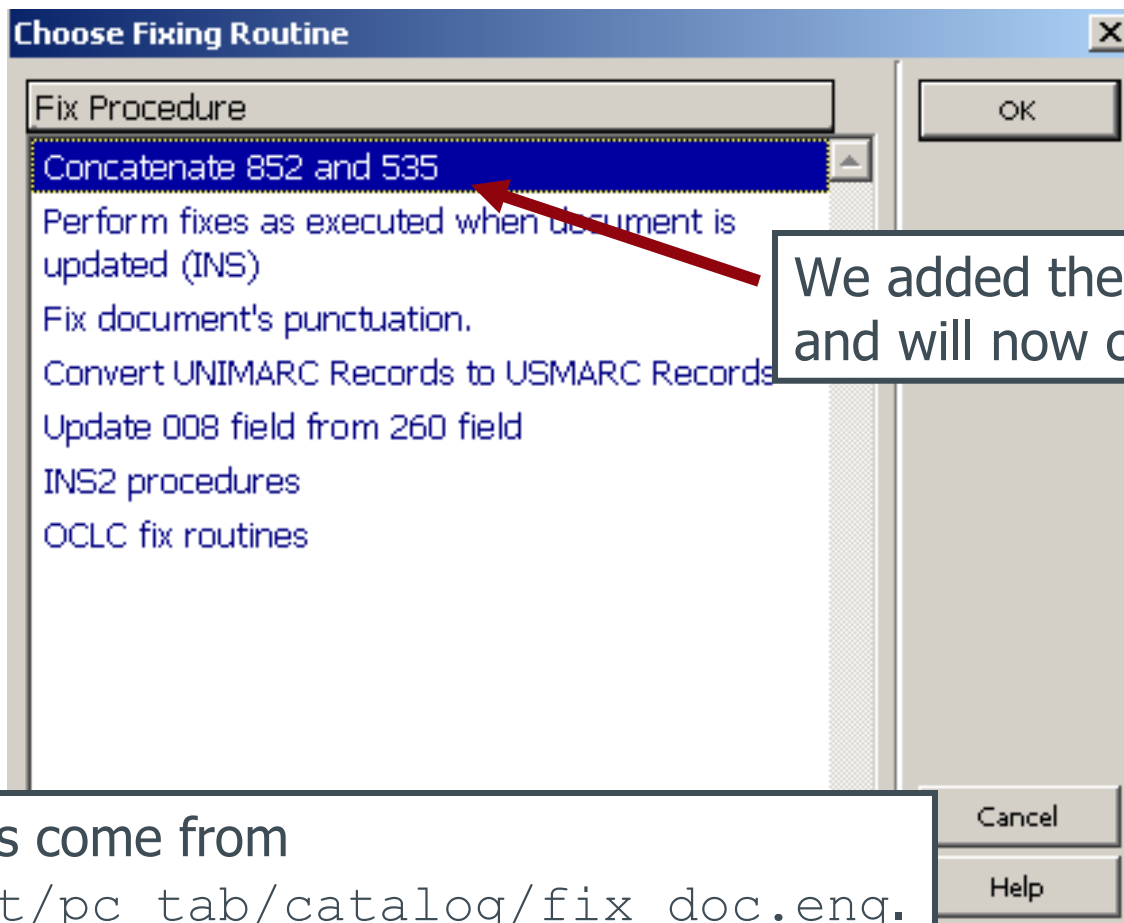
- We choose menu "edit > fix record"



Edit	Record Manager	Remote	*Services
Undo			Ctrl+Z
Redo			Ctrl+Y
Open Form			Ctrl+F
Expand from Template			Ctrl+E
Help on Field			
Locate Similar Record			
Record's Triggers			
Change Record's Format			
Enter Unicode Values			F11
Select HOL Record			
New Field (Choose from List)			F5
New Field (User-defined)			F6
Change Direction			
New Subfield			F7
Search			▶
Cut			▶
Copy			▶
Paste			▶
Delete			▶
Find			
Replace			
Check Field			Ctrl+W
Check Record			Ctrl+U
Sort Record			Ctrl+M
Fix Record			
Derive New Record			

Example Eight

- And get these options:



We added the first option and will now choose it

These options come from
`$data_root/pc_tab/catalog/fix_doc.eng.`

Example Eight

- After performing the fix procedure we get this:

<i>Main Title</i>	<u>245</u>	<u>0</u>		a	Chemistry in the modern world.
<i>Loc. of Orig.</i>	<u>535</u>	<u>1</u>		a	HYL
				b	Downtown Campus
				c	Canada
<i>Loc. of Orig.</i>	<u>535</u>	<u>1</u>		a	WID
				b	Main Campus
				c	USA
<i>Location</i>	<u>852</u>	<u>11</u>		a	MED
				b	GEN
				c	296.5
				a	HYL
				b	Downtown Campus
				c	Canada
<i>Location</i>	<u>852</u>	<u>11</u>		a	STEAK
				b	SAFE
				c	296.5
				a	HYL
				b	Downtown Campus
				c	Canada

The first 535 field was added to each 852 field

Example Nine

- In this example we want to add square brackets [and] before and after the text of field 245 \$\$h.
- Before doing so we have to check if they already exist.
- We will use for this procedure a temporary intermediary field, in this case 999.

Example Nine

- We add the fix procedure `h_fix` to `$data_tab/tab_fix` with routine name `INS2`:

```

! 1                2                3
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
INS2  fix_doc_do_file_08                h_fix
  
```

We have this **before** saving

```

245  1  a Title field
      b
      c
      h abc
246 11  i
  
```



We have this **after** saving

```

245 10  a Title field.
      b
      c
      h [abc]
246 11  i
  
```

Example Ten

- In this example we want to select all the records that have 440 field, subfield a that starts with 'The'. We want to check it only on the first occurrence of field 440 in that record.
- To do so, we first need to select all the records that have 440 at all.
- Then, we will find those that their first 440 field matches \$\$aThe.
- Run file-08 – Modify Cataloging Records File to see which records were selected and which were rejected.

Example Ten

There have 3 records from which we want to select

A record in which both 440 fields match \$\$aGood tag

<i>Leader</i>	LDR	—	—	00000nam^a22^^^^^^u^4500
<i>Control No.</i>	001	—	—	000065675
<i>Date and Time</i>	005	—	—	20100729180814.0
<i>Fixed Data</i>	008	—	—	100727suuuuuuuuuxx^^^^^^r^^^
<i>Main Title</i>	245	13	a	An extra good record. / c With introduction by Yoel Kortick.
<i>Series/Accession Title</i>	440	4	a	Good tag
<i>Series/Accession Title</i>	440	4	a	Good tag
<i>Owner</i>	OWN	—	a	PUBLIC

A record in which only the first 440 field matches \$aGood tag

<i>Leader</i>	LDR	—	—	00000nam^a22^^^^^^u^4500
<i>Control No.</i>	001	—	—	000065672
<i>Date and Time</i>	005	—	—	20100729181533.0
<i>Fixed Data</i>	008	—	—	100727suuuuuuuuuxx^^^^^^r^^^
<i>Main Title</i>	245	14	a	A good record. / c With introduction by Yoel Kortick.
<i>Series/Accession Title</i>	440	4	a	Good tag
<i>Series/Accession Title</i>	440	4	a	Not good tag
<i>Owner</i>	OWN	—	a	PUBLIC

A record in only the second 440 field matches \$aGood tag

<i>Leader</i>	LDR	—	—	00000nam^a22^^^^^^u^4500
<i>Control No.</i>	001	—	—	000065673
<i>Date and Time</i>	005	—	—	20100729180744.0
<i>Fixed Data</i>	008	—	—	100727suuuuuuuuuxx^^^^^^r^^^
<i>Main Title</i>	245	14	a	The bad record. / c With introduction by Yoel Kortick.
<i>Series/Accession Title</i>	440	0	a	Not good tag
<i>Series/Accession Title</i>	440	4	a	Good tag
<i>Owner</i>	OWN	—	a	PUBLIC

Example Ten

- Run file-08 – Modify Cataloging Records File
- The input consists the previous three records.

The screenshot shows a dialog box titled "Modify Cataloging Records File (file-08) - USM01". The dialog contains the following fields and controls:

- * Input File: inputforfile08
- * Output File: selectedRecords
- * Reject File: rejectedRecords
- * Processing Script: cond_occ_test
- Runtime: Today (dropdown)
- At: [] O'clock:
- Library: USM01 (dropdown)
- Buttons: Submit, View History, Cancel, Help
- Checkboxes: Add to History, Print To ADM Lib

Example Ten

- File-08 will produce two output files:
 - SelectedRecords – The records that have been approved by the procedure according to the conditions.
 - RejectedRecords – The records that have been rejected by the procedure.

Example Ten

SelectedRecords:

- The records that have \$\$aGood tag in their first occurrence of field 440.
- Note that if col.7 would have been left blank the first record would not have been selected since not **all** of his 440 occurrences match \$\$aGood tag.

```
USM01> egrep '001|440' selectedRecords
000065672 001 L 000065672
000065672 440 4 L $$aGood tag
000065672 440 4 L $$aNot good tag

000065675 001 L 000065675
000065675 440 4 L $$aGood tag
000065675 440 4 L $$aGood tag
USM01>
```

Example Ten

rejectedRecords:

- The records that don't have \$\$aGood tag in their first occurrence of field 440.

```
USM01> egrep '001|440' rejectedRecords
000065673 001 L 000065673
000065673 440 0 L $$aNot good tag
000065673 440 4 L $$aGood tab
```