

Aleph Product Update

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Partnership

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Aleph today CARMIT

- 2631 institutions worldwide
- Current version – V23

Aleph Roadmap

- V22.0 – Major Release
 - Available – January 2014
- V22.1 – Minor Release
 - Available – December 2014
- V23.0 – Major Release
 - Available – November 2015
- V23.1 – Minor Release
 - Planned – December 2016
- V23.2 – Minor Release
 - Planned – December 2017
- V24.0 – Major Release
 - Planned – December 2018
- V24.1 – Minor Release
 - Planned – December 2019
- V24.2 – Minor Release
 - Planned – December 2020
- V25.0 – Major Release
 - Planned – December 2021

More to come...



Aleph V23.0 Highlights (released in November 2015)

igelu
International
Group of Ex Libris Users

ExLibris
a ProQuest Company

Automatic reset of lost/forgotten account passwords


- Enhancing the option to reset lost/forgotten account passwords within Aleph
- Enhancing the password reset flow provided a better and safer tool that guarantee the user's privacy and security

Automatic reset of lost/forgotten account passwords

Please identify yourself:

User ID/ Barcode:	<input type="text"/>
Verification:	<input type="text"/>
Library Branch:	Shared Pool ▼

[Log On](#) [Guest](#) [Register](#) [Forgot Password?](#)



Automatic reset of lost/forgotten account passwords

- Upon activating the “forgot password” button, a new page will be displayed :



The screenshot shows a web form with a light blue background. At the top, there are two horizontal blue lines. Below them, the text "Please enter your ID/barcode" is displayed in a dark blue font. The form contains two input fields: "User ID/ Barcode:" with a text input box, and "Library Branch:" with a dropdown menu showing "Shared Pool". At the bottom left, there is a "Go" button.

Please enter your ID/barcode	
User ID/ Barcode:	<input type="text"/>
Library Branch:	Shared Pool ▼
<input type="button" value="Go"/>	

- After pressing “Go”, the system will generate an email to the user with a link to reset the password

Automatic reset of lost/forgotten account passwords

- Password Reset URL (email notification)

Subject: Resetting Library account's password (Aleph)

Dear User,

You recently requested a password change for your Aleph account. You can set a new password here:

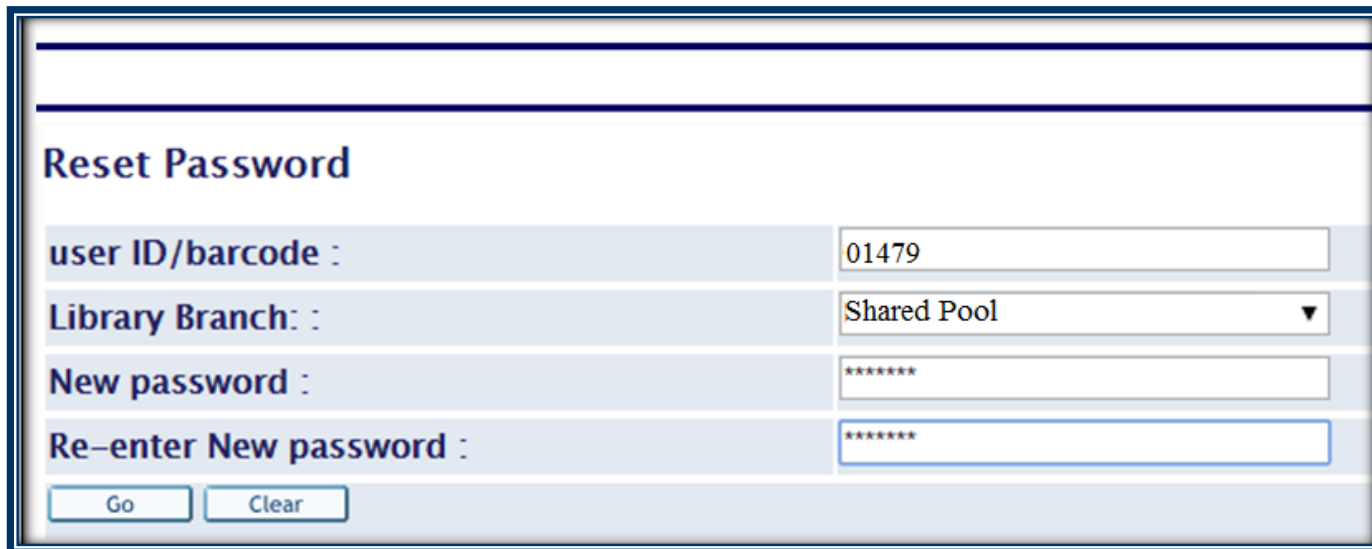
[Reset password](#)

If you don't want to change your password or didn't request this, you may ignore and delete this message.

*Thanks!
Library staff*

Automatic reset of lost/forgotten account passwords

- The Reset Password form



The image shows a web form titled "Reset Password" with a light blue header. Below the header, there are four input fields arranged in two rows. The first row contains "user ID/barcode :" with the value "01479" and "Library Branch: :" with a dropdown menu showing "Shared Pool". The second row contains "New password :" and "Re-enter New password :", both with masked input fields showing "*****". At the bottom of the form, there are two buttons: "Go" and "Clear".

Reset Password	
user ID/barcode :	01479
Library Branch: :	Shared Pool ▼
New password :	*****
Re-enter New password :	*****
<input type="button" value="Go"/> <input type="button" value="Clear"/>	

Automatic reset of lost/forgotten account passwords

- Password reset has been successful (email notification)

Subject: Successful reset of your library account's password (Aleph)

Dear User,

You have successfully reset the password for your Aleph Library account.

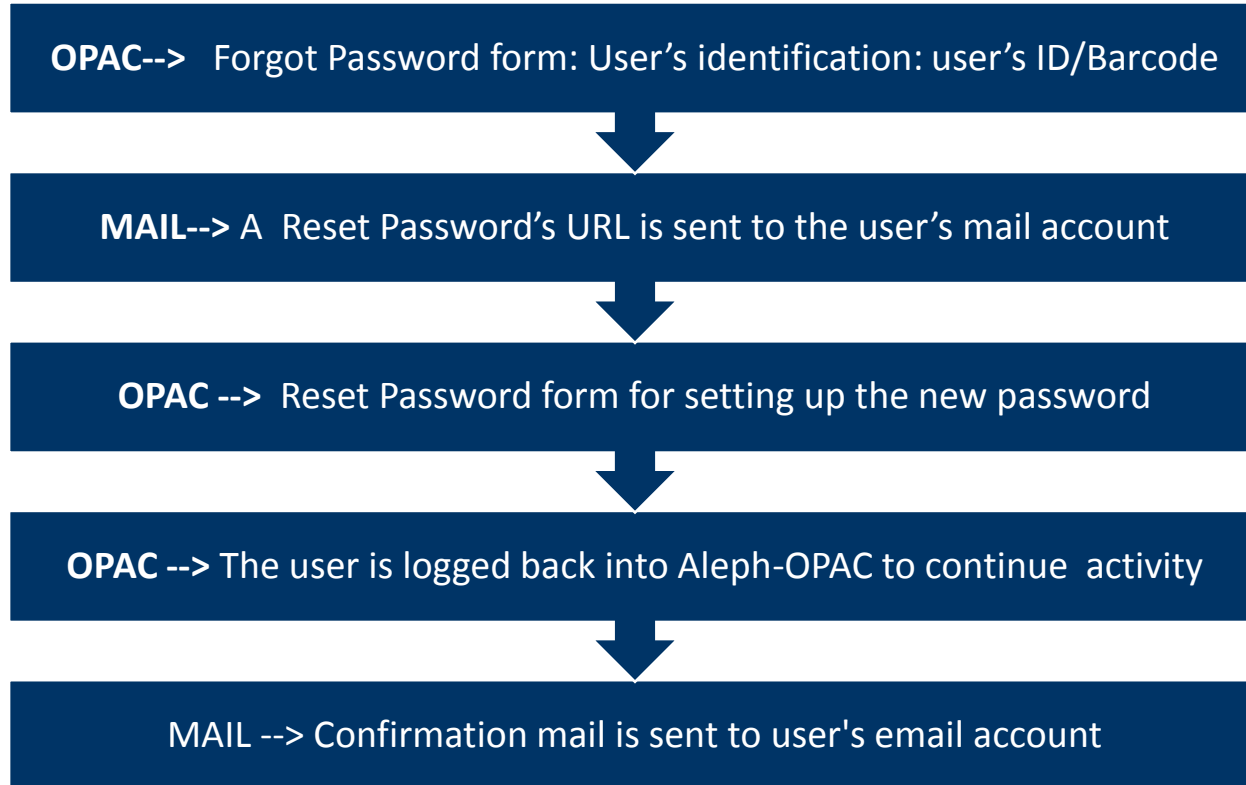
[Continue to login into your account](#)

Thanks!

Library staff

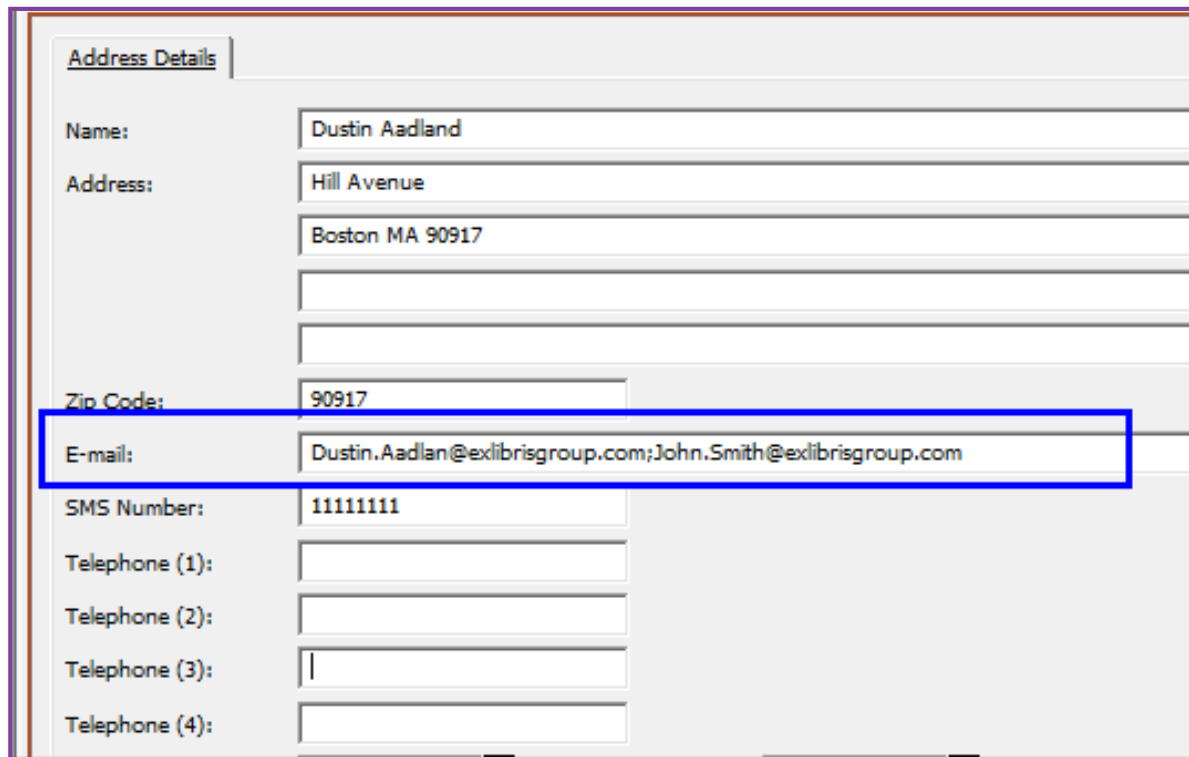
Automatic reset of lost/forgotten account passwords

- New flow:



Longer email field in Patron address

- There are customers who need to insert more than one email address into the email address field in Z304
- Z304-EMAIL-ADDRESS field was extended from 60 characters to 120 characters



The screenshot displays a web form titled "Address Details". The form contains several input fields for patron information. The "E-mail" field is highlighted with a blue rectangular border, indicating its updated capacity. The email address entered is "Dustin.Aadlan@exlibrisgroup.com;John.Smith@exlibrisgroup.com", which exceeds the previous 60-character limit. Other fields include Name, Address, Zip Code, SMS Number, and four Telephone fields.

Address Details	
Name:	Dustin Aadland
Address:	Hill Avenue
	Boston MA 90917
Zip Code:	90917
E-mail:	Dustin.Aadlan@exlibrisgroup.com;John.Smith@exlibrisgroup.com
SMS Number:	11111111
Telephone (1):	
Telephone (2):	
Telephone (3):	
Telephone (4):	

Expand character limit for invoice notes field

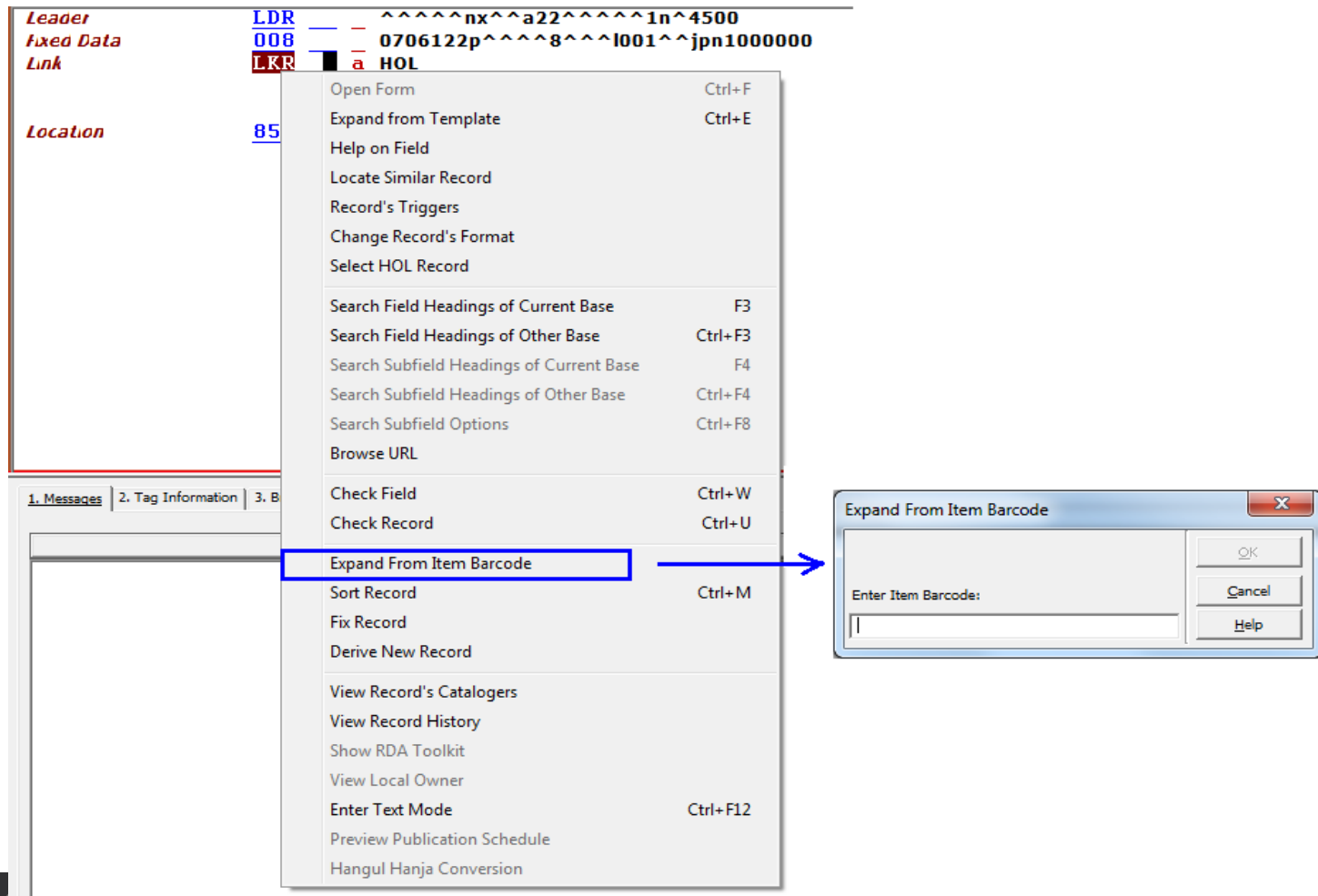
- The general invoice note field (Z77_I_NOTE) was extended from 60 characters to 200 characters (similar to the limit of the invoice line item notes)

The screenshot shows a software interface for entering invoice details. At the top, there are summary fields: 'Line Items: 0', 'Total Amount Gen. Inv.: -0.00', and 'Total Amount Line Items: 0.00'. Below these are two tabs: '1. Invoice' (selected) and '2. Payment'. The main form area contains various input fields for invoice data. At the bottom, a 'Note:' field is highlighted with a blue border, indicating the area of the update described in the slide.

Line Items:	0	Total Amount Gen. Inv.:	-0.00	Total Amount Line Items:	0.00
1. Invoice 2. Payment					
Vendor Code:	11ICC	Invoice Number:	10		
Net Amount:	0.00	Refers to Invoice:		Invoice Date:	05/02/2015
Shipment Amount:	0.00	Type:	REG	Received Date:	05/02/2015
Overhead Amount:	0.00	Status:	REG	Shipment Date:	05/02/2015
Insurance Amount:	0.00	Currency:	USD	VAT Recipient:	
Discount Amount:	0.00	Explicit Ratio:	0.000000	VAT Percent:	0.00
Total Amount:	0.00	<input checked="" type="radio"/> Debit <input type="radio"/> Credit		VAT Amount:	0.00
Total, Incl. VAT:	0.00	<input type="checkbox"/> VAT Per Line Item			
Local Amount:	0.00	<input type="checkbox"/> Add VAT to Amount			
Note: 					

'Expand from Item' Enhancement

- The functionality of the cataloging feature 'Expand from Item Barcode' was enhanced to allow updating the LKR without overriding the title with the Item's description.



‘Expand from Item’ Enhancement

- This is done by introducing a new TAB100 flag (./xxx01/tab/tab100) - EXPAND-ITEM-UPD-TIT
- Possible values: Y or N
 - Y (default) – Current functionality: Upon activating the Expand from Item option, the 245\$a field will be replaced by the item’s description (Z30-DESCRIPTION) as is today.
 - N – Enhanced functionality: Upon activating the Expand from Item option, the 245\$a field will not be replaced. There will be no update of 245\$a.

Improve DLF-Items List to filter list by SBL+COLL

- The DLF service that provides Items List was showing a list of items per ADM record using Sublibrary (SBL) filter
- The Item List DLF service was enhanced so that the item's collection (COLL) will also be used as a filter
- Filtering the list by collection (Z30-COLLECTION) will provide results ONLY if sublibrary filter is defined
- Sample of the URI when collection filter is properly defined (with sublibrary filter):

[http://\[server-name\]:1891/rest-dlf/record/USM01000000555/items?&sublibrary=MED&collection=GEN&lang=eng&view=full](http://[server-name]:1891/rest-dlf/record/USM01000000555/items?&sublibrary=MED&collection=GEN&lang=eng&view=full)

Infrastructure certification

- Aleph 23.0 was certified with:
 - Oracle 12
 - RH 7
 - JAVA 8



Aleph V23.1 Highlights (planned for December 2016)

Amend behavior of Search Field's Headings

- Allow the library to define subfield/s which should be ignored when activating the GUI-Cataloging function: Search Heading F3/Ctrl+F3
- The GUI-Cataloging -Edit record offers a useful tool (known as F3/Ctrl F3) for searching headings in various bases. This tool uses all subfields of the source data as the search string
- Enhancing this mechanism to ignore specific subfields which are not relevant for the action (such as control/linking fields) will refine the search string and provide a better heading results list

Amend behavior of Search Field's Headings

- Aleph will offer a new setup option to define the *subfields that should be ignored* when building the search string for the 'search heading' actions (F3 & Ctrl+F3)
- This new feature will affect the manual activation of 'Search Field Headings' via GUI-Cataloging-Edit record interface.
- It will apply both actions, 'Search Field Headings of Current Base (F3 shortcut) and 'Search Field Headings of Other Base (Ctrl+F3 shortcut)
- This will be implemented by adding a *new column to current configuration table: scancode.dat*
- The new column, number 12, will define the subfields that should be ignored

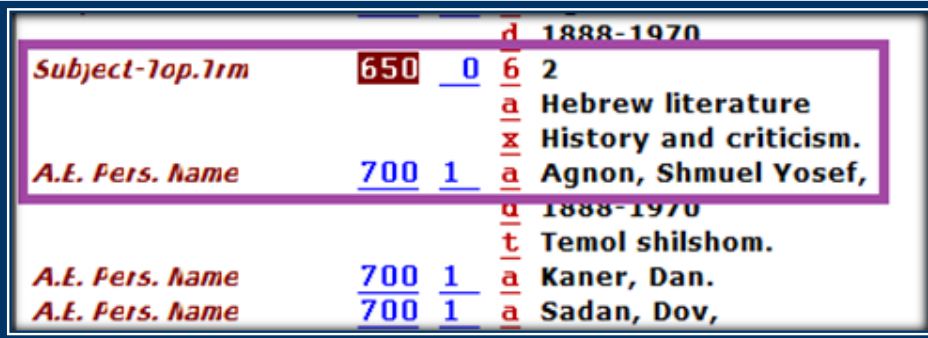

Amend behavior of Search Field's Headings

- Sample of setting up *scancode.dat* for defining headings search rules for field 650 with an indication to *ignore the control subfields: 6 and 8* (new column 12)

1	2	3	4	5	6	7
8	9	10	11	12		
LOCAL	USM01	USM10	USM12	USM01	USM11	
650#0	SUL	TOP		68		

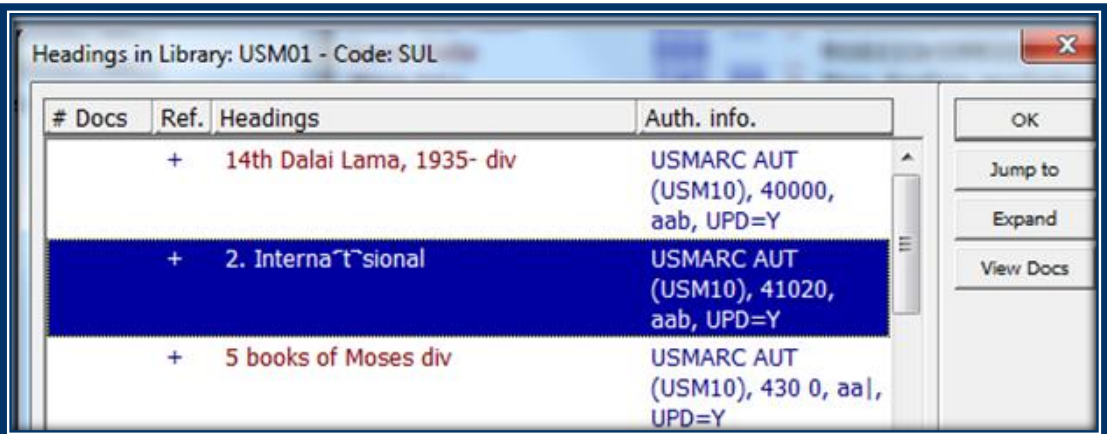

Amend behavior of Search Field's Headings

BIB record with 650#0 field that has linking data in the *first subfield 6*



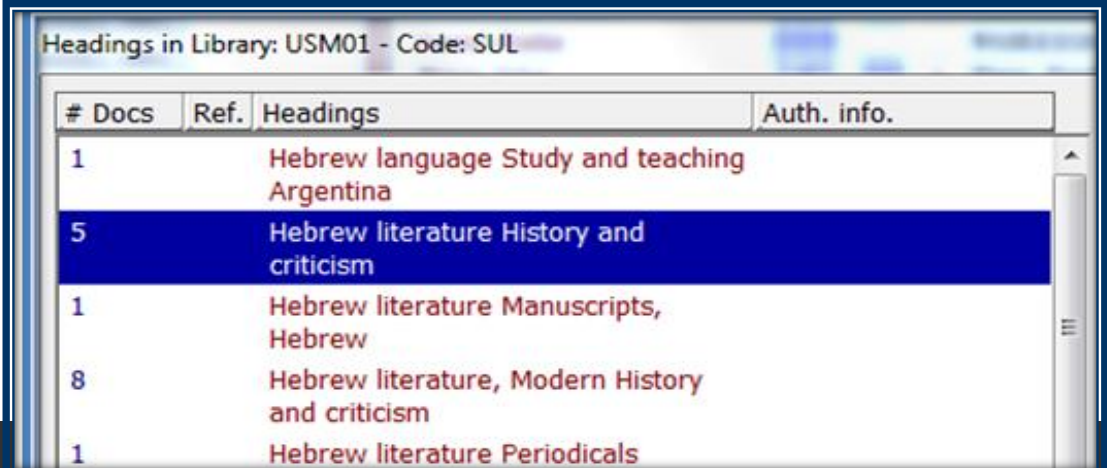

<i>Subject-Top. Term</i>	650	0	6	2
<i>A.E. Pers. Name</i>	700	1	a	1888-1970
<i>A.E. Pers. Name</i>	700	1	a	Hebrew literature History and criticism.
<i>A.E. Pers. Name</i>	700	1	a	Agnon, Shmuel Yosef,
<i>A.E. Pers. Name</i>	700	1	a	1888-1970
<i>A.E. Pers. Name</i>	700	1	a	Temol shilshom.
<i>A.E. Pers. Name</i>	700	1	a	Kaner, Dan.
<i>A.E. Pers. Name</i>	700	1	a	Sadan, Dov,

Current functionality: The content of subfield 6 is used as a starting position when applying the heading list. Non-relevant results are displayed



# Docs	Ref.	Headings	Auth. info.
+		14th Dalai Lama, 1935- div	USMARC AUT (USM10), 40000, aab, UPD=Y
+		2. International	USMARC AUT (USM10), 41020, aab, UPD=Y
+		5 books of Moses div	USMARC AUT (USM10), 430 0, aab, UPD=Y

Enhanced functionality: subfield 6 is ignored



# Docs	Ref.	Headings	Auth. info.
1		Hebrew language Study and teaching Argentina	
5		Hebrew literature History and criticism	
1		Hebrew literature Manuscripts, Hebrew	
8		Hebrew literature, Modern History and criticism	
1		Hebrew literature Periodicals	

Field validation for ACQ Order fields

- There is a need to validate the data entered in the Acquisitions Order Form field against the library's valid values
- This enhancement refers to the order's fields:
 - Order Group
 - Material Format
- Having a proper data inserted in the Order Group & Material Format fields will ease the handling of acquisitions order's data

Field validation for ACQ Order fields

- Aleph will be enhanced with 2 new validation checks on the GUI-Acquisition Order forms: Material Format & Order Group.
- This will be applied for both forms: *Order Form* & *Multi Order Form*

The image displays two screenshots of the Aleph Acquisition Order GUI, illustrating validation errors. Both screenshots show the '2. General' tab of the 'Order Form' and 'Multi Order Form'.

Left Screenshot (Order Form):

- Order Number: 51493
- Order Status: NEW
- Additional Order No.1:
- Order ISBN/ISSN: 0032-3195
- Open Date: 28/12/15
- Material Format: TRE (Invalid material format error message: **Invalid material format.**)
- Material Type: M
- Sublibrary: LIT
- Acquisition Method: P
- Initiator ID:
- Initiator Name:
- Action: None
- Library Note:

Right Screenshot (Multi Order Form):

- Order Number: 51497
- Order Status: NEW
- Additional Order No.1:
- Additional Order No.2:
- Order ISBN/ISSN:
- Open Date: 29/12/15
- Order Date: 00/00/00
- Order Group: GROUP789 (Invalid order group error message: **Invalid order group.**)
- Material Format: ELC
- Status Date: 29/12/15
- Material Type: RE
- Sublibrary: MED
- Acquisition Method: A
- Order Unit: HIL01
- Initiator ID:
- Initiator Name:
- Action: None
- Approver ID:
- Library Note:

Field validation for ACQ Order fields

- The new check will be implemented by setting the new TAB100 flag: VALIDATE-ORDER-FIELDS

For example: ./usm50/tab/tab100
VALIDATE-ORDER-FIELDS =1

- Upon turning on the flag (value=1), the entered values will be checked against the pre-defined lists as customized by the library
- The list of possible values are set in the field's drop-down list (already in used for those fields): ACQ_ORDER_GROUP and ACQ_ERM_TYPE menus of the ADM library table: pc_tab_exp_field.<lng>.

Create Item Records for Detached Holdings Records

- The current Aleph batch workflow that enables creating items for holding records which have no items is complex and requires a complicated setup and dependencies which are not always relevant for the 'simple' action of creating items
- Having a batch service that gets candidate Holding records and produce item records will simplify the workflow and reduce the maintenance

Create Item Records for Detached Holdings Records

- A new batch service will be introduced in GUI-Cataloging module:
Create Items for Detached Holding Records (item-13)
- This service will enable creating item records for HOL records that have no items at all
- It will be submitted in the ADM library environment so that, each library will create its own items

Create Item Records Based On Holdings

Create Items for Detached Holding Records (item-13) - USM50

* Input File	input_hol_2016
* Output File	output_item_key
* Report File Name	report_hol_item
* Item Sublibrary	Medicine Library
* Item Status	In-library use
Item Process Status	Cataloging
*Item Material Type	Book
Item Collection	GEN
Update Database	<input type="radio"/> Yes <input checked="" type="radio"/> No
Report Format	Standard report
Sort Report by	Holding record number

The batch interface

Create Item Records for Detached Holdings Records

- The batch will run over all HOL records listed in the input file and detect the eligible HOL records for which items should be created
- The batch will offer an execution in 'Update Database=No' (report only with no actual update of db) and 'Update Database=Yes'
- If update database=Y → For each eligible record, a single item (Z30) will be created and the HOL record will be updated
- All required actions for supporting the linkage between the HOL and Items will be triggered (such as creating ADM record if missing and so on)
- The batch execution actions will be reported in the Report output file, Item rec-key output file and batch statistics report

Create Item Records Based On Holdings

January-21-2016

detached-hol-item-report.xml

The batch output report

Detached Holding Records Report

The Service input:

Holding Record Input file: hol_usm50_feb2016

Item Sublibrary: Art Library

Item Status: Not for loan

Item Process Status: Cataloging

Item Material Type: Book

Item Collection: General

Update Database: Yes

The service outcome:

Holding Record No.	BIB Record No.	Title	ADM Record No.	Item Barcode	Item Call No.
5077	85441	American Modern Art	32214	32214-10	254.221
6774	23219	Marcel Broodthaers	32215	32215-10	
9887	87412	The Artist as Curator	32216	32216-10	544.22.2

000000021000010

000000022000010

000000023000030

The batch output rec-key of created items

1. Batch Job Details | 2. Log File

The batch statistics report

Job ID: 510
Job name: Create Items for Detached Holding Records (item-13)
Start time: 21/01/2016 11:06
End time: 21/01/2016 11:06
Status: Success
Summary: Total number of HOL Record contained in the input file: 145
Number of eligible HOL records: 38
Number of the new created items: 38
Job type:
User: MASTER
Errors: No Errors

Access the Service Form from the Batch Queue node

- The GUI-Task Manger enables monitoring of batch processes, printing out reports, submitting letters/email to patrons/vendors
- Currently, the form of the services which has been submitted can be accessed from the **Batch Log** node
- This means that only forms of processes which already have been run or currently running can be viewed. There is no option to access service form of processes that are waiting in line
- Enhancing the **Batch Queue** node (that lists the batch processes waiting in line) to allow access to the service form will enable the users to view input parameters of jobs which are not yet running and decide the relevant action (postponed/cancel/leave as is/change parameters/other)

Access the Service Form from the Batch Queue node

A new 'Service Form' Button will be located in the GUI-Task Manager-Batch Queue interface. It will allow opening the Service Form of a selected process (similar to the current functionality offered in the Batch Log interface) and enable the user to view input parameters/re-submit the form

The screenshot displays the ALEPH Circulation software interface. The main window is titled "ALEPH Circulation - Version 23 Library: USM50 - USMARC Administrative (USM50) Server: il-aleph23:6992 User: MASTER". The "Batch Queue" window is open, showing a table of processes. A callout points to the "Service Form" button in the right-hand pane of the Batch Queue window.

Batch Queue Table:

Seq. no.	Target	Proc	Date	Time
00042		p_acq_12	02/03/16	00
00043		p_acq_02	02/03/16	00
00044		p_acq_22	02/03/16	00
00045		p_cir_10	02/03/16	00

The "Task Manager" window is also visible, showing a tree view of tasks. The "List Of Courses" task is selected, and the "Service Form" button is highlighted in the right-hand pane.

Task Manager Tree View:

- Administration
 - [B] Booking
- Task Manager
 - [J] File List
 - [A] Batch Log
 - [Q] Batch Queue
 - [D] Print Daemon
 - [F] Upload/Download files
 - [C] List Of Courses
 - [R] Course
 - [L] Course Doc List

The new button

The Service Form is opened

Input File in Publishing Services

- A new 'Input File' field will be added to the publishing processes
- This will allow having the publishing process over a refined list of records. It includes:
 - Initial Publishing Process (publish-04)
 - Delete ALEPH Published Records (publish-05)
- The current 'Create Tar File for published Records (publish-06)' already has 'Input File'

Initial Publishing Process (publish-04) - USM01

* Publishing Set	PRIMO-FULL
From Document Number (up to 9 digits)	000000000
To Document Number (up to 9 digits)	999999999
Input File Name	Aptil-2015-pub
Processes to Create	1
Runtime:	Today
At:	<input type="text"/> O'clock:
Library:	USM01

Delete ALEPH Published Records (publish-05) - USM01

* Publishing Set	PRIMO-AB6
From Document Number (up to 9 digits)	000000000
To Document Number (up to 9 digits)	999999999
Input File Name	del-pub-april
Processes to Create	1
Runtime:	Today
At:	<input type="text"/> O'clock:
Library:	USM01

Interoperability Enhancements

- Various enhancements for improving the interoperability between Aleph and other products (partial list):
 - Primo – extending various DLF-APIs services to offer a better data exchange/update with Primo as well as all other products that used Aleph' DLF-APIs (e.g: paging for patron's loan list)
 - Supporting MAB to MARC process and vice versa in order to support various flows, updates and conversion routines between Aleph Center catalog and Alma members (within the same consortium)
 - Improving security (MD5 Key) when corresponding with payment via OPAC using DIBS External Payment system



Aleph V23.2 Highlights (planned for December 2017)

Character conversion & non-filing indicators

- Currently, during character conversion, the non-filing indicators become incorrect when decomposed characters in MARC-8 become recomposed characters in Unicode
- This will be changed by supporting the option to re-calculate the value of non-filing indicator

Subfields Order in of a Retrieved Heading

GUI-Cataloging-Record Editor:

- Currently, when updating heading by using the "Search field headings of current base or other base" (F3 and Ctrl+F3 shortcuts), the subfields order in the Editor is not changed
- This will be change so that the *order of the subfields will be changed* to match the retrieved heading

Increase GUI frame sizes – Budget Balance Display

- In GUI-ACQ: the current GUI frame size doesn't suffice when displaying Budget balance details. Especially when dealing with budget that has a lot of information
- The GUI frame size of the Budget Balance will be extended so that more info will be shown in a single glance, reducing the need to scroll down the screen.

THANK YOU
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