



Aleph Product Update

IGeLU 2020

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Agenda

1

Aleph Roadmap

2

Aleph 23.3 highlights

3


Aleph 23.4 highlights

4

Plans for 24.0 and beyond

Aleph Roadmap – Updated

- V23.0 – Major Release
 - Available – November 2015
- V23.1 – Minor Release
 - Available – December 2016
- V23.2 – Minor Release
 - Available – December 2017
- V23.3 – Minor Release
 - Available – June 3, 2019
- V23.4 – Minor Release
 - Planned – December 2020
- V24.0 – Major Release
 - Planned – June 2022



NERS
enhancements
(2018-2020)



Aleph V23.3 Highlights

(Released in June 3, 2019)

Secure FTP for EDIFact

- Some of the vendors require getting EDI files by SFTP (secured FTP); therefore, Aleph should be enhanced to define, per vendor, the mode in which files are transferred: FTP or SFTP
- Aleph will support the option to transfer EDI messages by SFTP

Secure FTP for EDIFact

- the ADM library table edi_out_attr will be enhanced with a new flag for defining the FTP mode in which files are transferred to the vendor: FTP or SFTP
- edi_out_attr table is used for defining special attributes of outgoing EDI messages as needed for specific vendors

Secure FTP for EDIFact

- Followings is a sample of the enhanced table
./xxx50/tab/edi_out_attr:

```
! TABLE_KEY 1
!
! COL 1. 20; ALPHA_NUM; ;
! Vendor code;
! Vendor code;
! COL 2. 100; ALPHA_NUM, UPPER; ;
! Switchs;
! Switchs;
! COL 3. 20; ALPHA_NUM; _;
! Character conversion identifier;
!
! 1 2
!
!-----!
MDS 0B A Y
BLACKWELL 1 Y
SWETS 0A N
EBSCO 2B
INGRAM 3 Y
```

The new 8th switch for defining sFTP or FTP

Secure FTP for EDIFact

- The possible values will be: Y or N
 - Y – Activate SFTP (secured FTP)
 - N - Activate FTP (non-secured). Default value

Provide Item History from the Moment of Item Creation

- The Aleph 'Item History' mechanism is capable of recording item's updates from the first time item is being updated
- However, the history data doesn't record the initial state of the item so that information like the user/process that created the item and original timestamp are not recorded
- Recording the date, time, and Aleph User who created the Items is important for providing context, usage, and inventory statistics

Provide Item History from the Moment of Item Creation

- The Aleph ability to store Item History details will be enhanced to record item information from the moment of the item's creation
- In order to store item history data from the moment of creation, the current Item History mechanism will be enhanced to provide the functionality of storing item data in 'Item history Z30H' from the moment of creation and onwards

Provide Item History from the Moment of Item Creation

- New functionality
 - Enhancing the functionality of tab100 flag: CREATE-Z30H=Y (flag and value already exist)
 - Defining a new action in tab_item_history.Ing (the configuration table that define triggers for creating history data. Table already exists)
 - New CREATE action will be supported – it will trigger creation of Item History data (Z30H)

Provide Item History from the Moment of Item Creation

- **New Action in tab_item_history.Ing**
 - Currently, ./xxx50/tab_item_history.Ing defines the cases a field change or an action will cause an item history record to be written. In addition, the table is also used for setting the textual description of the action. The description is used for display in the item history window.
 - A new entry will be added to tab_item_history.Ing:
 - Action (column 1): CREATE
 - Description: Item Initially Created

Provide Item History from the Moment of Item Creation

- Example

```
COL 1. 40; TEXT, UPPER; ;  
      Action;  
      Field changed or action that causes history  
      record to be written;  
COL 2. 1; ALPHA, {L}, UPPER; ;  
      ALPHA;  
      ALPHA of the description;  
COL 3. 15; TEXT; ;  
      Description;  
      Description of the change;  
  
      1                2                3  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!-!!!!!!-  
ITEM-LOCATION                L Location  
ITEM-CALL-NO-2              L Location2  
ITEM-COLLECTION             L Collection  
ITEM-SUB-LIBRARY            L Sublibrary  
ITEM-PROCESS-STATUS         L Process Status  
ITEM-BARCODE                L Barcode  
BIND                        L Deleted (Bound)  
DELETE                      L Deleted  
CREATE                       L Item Initially Created  
ITEM-STATUS                 L Status  
SHELF-REPORT-NUMBER         L Inventory Check  
ITEM-MATERIAL               L Material Type  
ITEM-DESCRIPTION            L Item Desc.  
ITEM-CIRC-NOTE              L Circ Note  
ITEM-INT-NOTE               L Internal Note  
ITEM-OPAC-NOTE              L OPAC note  
ITEM-LOCATION-TYPE           L Location Type  
ITEM-CALL-NO-2-TYPE         L Location2 Type  
ITEM-COPY                   L Copy Number  
ITEM-ENUM-A                 L Enum Level 1  
ITEM-ENUM-B                 L Enum Level 2  
ALL-FIELDS                  L All fields
```

Provide Item History from the Moment of Item Creation

- **Enhanced Functionality of Item History Data**

- Upon setting up both configurations (tab100: *CREATE-Z30H=Y* and *CREATE* action in tab_item_history.Ing) the following functionality will be supported:
 - Item history data will be populated from the moment of item creation
 - User will be able to view the item history via 'GUI-Catalog-Item-History' node
 - The item history data upon creation will be retrieved/reported as all other item history data

Provide Item History from the Moment of Item Creation

- Whenever item is created a new item history event will be generated.
- This will cover all scenarios that create item records in Aleph:
 - Staff user flow via GUI (Cataloging, Acquisitions, Serials, Circulation)
 - Batch services and loaders (file-90, file-96, etc)
 - DLF-API and X-services

Alert for an Individual Run of a Job Set in 'Job List'

- Aleph Job List is a significant tool in which the library manages jobs/programs execution
- It is required to refine the functionality of alerting a staff when an individual job that is set in the library's scheduled job list has been completed
- Refining this functionality to include/exclude an alert per individual run of a job will ease the user's flow and avoid redundant alerts
- This is relevant for services that have multiple entries in the Job List and there is a need to define which user gets an alert per individual execution of the job

Alert for an Individual Run of a Job Set in 'Job List'

- Current Aleph functionality (V23.2) provides the ability to dispatch an alert when a service is completed
- For example: Sending an alert for a user whenever acq-14 (Send Orders to Vendor) service is completed. This is done regardless to the job's parameters and scheduled hour
- This functionality should be enhanced to allow/prevent an alert when an individual scheduled job is completed
- For example: marking certain lines in job_list NOT to send an alert to the user. This will be useful for a job that is scheduled to be run 5 times a day and only the last execution (e.g. the 18:00 running) should trigger an alert to the staff user. The enhanced functionality will provide an alert only for the 5th execution

Alert for an Individual Run of a Job Set in 'Job List'

- In order to achieve the required functionality, the following will be applied:
 - A new value will be introduced the Jobs List configuration table (./alephe/tab/job_list)
 - This new value will be placed in column 3 (column already exists)
 - Setting-up this value will indicate that an alert (e-mail) should not be sent upon job completion
 - The above setup will enable preventing e-mail dispatch for specific entries (jobs) in the jobs list

Alert for an Individual Run of a Job Set in 'Job List'

- The Aleph Jobs list configuration table (./alephe/tab/job_list) defines specific jobs which can be run on a regular basis.
 - There are 2 types of jobs that can be set in the Job List:
 - **Aleph procedures/services** such as cash-03 (Payments Received Report) and cir-12 (Call Slips for Requests)
 - **Non-Aleph programs** that activate scripts defined by the library's staff users such as daily backups
 - This enhancement will be applicable only for the Aleph procedures (the 1st type above)
 - Non-Aleph program will not have the option to activate/prevent e-mail upon completion (as today)

Alert for an Individual Run of a Job Set in 'Job List'

- Enhanced functionality of Job List - column 3 (for Aleph procedures):
 - A new value will be introduced in column 3: P (prevent alert)
 - This will be in addition to current Y/N possible values
 - The indication value will be: 'P' (the letter P in upper case): Prevent an alert to staff user upon job completion (even though the service is set to dispatch an alert in ./xxx50/tab/tab_alert)
 - Setting 'P' in column 3 of job_list will be used to indicate that the job will be sent to queue AND alert should not be dispatched to the user

Alert for an Individual Run of a Job Set in 'Job List'

For example: enhanced setup with 'P' in column 3:

```
!      2      3      4      5      6      7
!!-----!-----!-----!-----!-----!-----!-----!-----!
W3 22:30:00 P birks          MGU50 p_cash_03  MGU50,birks.cash.%D,IP,BIRK,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P edcr           MGU50 p_cash_03  MGU50,edcr.cash.%D,IP,EDCR,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P islm          MGU50 p_cash_03  MGU50,isl m.cash.%D,IP,ISLM,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P law           MGU50 p_cash_03  MGU50,law.cash.%D,IP,LAW,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P macd          MGU50 p_cash_03  MGU50,macd.cash.%D,IP,MACD,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P music         MGU50 p_cash_03  MGU50,music.cash.%D,IP,MUSIC,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P osler         MGU50 p_cash_03  MGU50,osler.cash.%D,IP,OSLER,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P pse           MGU50 p_cash_03  MGU50,pse.cash.%D,IP,PSE,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P mcl           MGU50 p_cash_03  MGU50,mcl.cash.%D,IP,MCL,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P lfres         MGU50 p_cash_03  MGU50,lfres.cash.%D,IP,LFRES,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P pse           MGU50 p_cash_03  MGU50,remot.cash.%D,IP,REMOT,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 P system       MGU50 p_cash_03  MGU50,all.cash.%D,AL,,%DATE,%DATE,0001,2359,,00,
W3 22:30:00 Y jghhl        MGU50 p_cash_03  MGU50,jghhl.cash.%D,IP,JGHHL,,%DATE,%DATE,0001,2359,,00,
```

Sample of enhanced setup:
Only the last execution of cash-03 will generate an alert

Create Event and Log for Hold Requests Created during Ordering

- Aleph provides the option to create events and logs for various libraries' activities
- Those events and logs are used for monitoring various activities and running statistics for data usage evaluation
- Current Aleph event (Z35) mechanism does not create an event for hold requests placed during the ordering process.
- Aleph event mechanism should be enhanced to trigger event and log upon creating hold request during ordering process (via GUI-Acquisition)
- Such an event is needed when running statistics over patron's activity (by patron status/patron type) so that all patron's request will be counted.

Create Event and Log for Hold Requests Created during Ordering

- The current Aleph events (Z35) mechanism supports generating events upon hold request creation via GUI, OPAC, DLF-API and X-SERVICE
- In order to trigger hold request events, the ADM library's table tab_events.lng, should be set to activate required events (already supported).
- The hold request related events are types are 71 thru 74
- Example of ./xxx50/tab/tab_events.lng

```
66 Y Item Claimed Returned
71 Y Expand Hold Request on Available Item
72 Y Non-Expand Hold Request on Available Item
73 Y Expand Hold Request on Nonavailable Item
74 Y Non-Expand Hold Request on Nonavailable Item
75 Y Reserve Advance Booking Item
76 Y Rush Cataloging Request
```

Create Event and Log for Hold Requests Created during Ordering

- Currently, none of these events type triggers an event for the acquisition's flow hold request
- The '*acquisition's flow hold request*' (Z37) are always '**Non-Expand**' request (meaning that the request is made on an exact copy rather than on a 'like copy')

Create Event and Log for Hold Requests Created during Ordering

- **Enhanced Circulation Log - Transaction 70**

- The current Aleph circulation log (Z309) mechanism supports generating log upon hold request creation via GUI, OPAC, and DLF-API
- In order to create a circulation log, the ADM library's table `tab_circ_log.lng` should be set to activate required actions (already supported)
- Transaction 70 is the relevant log action for recording hold request creation via GUI (already supported)
- Example of `./xxx50/tab/tab_circ_log.lng`

```
65 Y Y LRefusal Photocopy Request note
66 Y Y LRefusal Booking Request note
70 Y Y LHold request created
71 Y Y LHold request created (OPAC)
72 Y Y LHold request deleted
```

- Currently, transaction 70 does not create a log for the 'acquisition's flow hold request'

Create Event and Log for Hold Requests Created during Ordering

- The enhanced functionality
 - Transaction 70 will be enhanced to create a log for *'acquisition's flow hold request'*
 - There is no need to define a new log transaction.
 - There will be no change in the structure of Z309 circulation log table nor in its possible content

Infrastructure Changes in V23.3

- Tomcat 8.5
- Oracle 12.2 – Version 23.3 will be certified with Oracle 12.2 and Oracle 12.1.

Customers will be able to install Oracle 19 with Aleph23 per request to Exlibris (except Solaris 10)

- OpenJDK 11



Aleph V23.4 Highlights

(Planned to be released in December 2020)

Plans for V23.4

- Circ - barcode scanning for reading room loans - add missing functionality
- Delete Item Records (p-item-11) - add option to use STA field for BIB record management
- Expanding ORCID from authority records to source record
- Check routine needed to identify records that exceed size limits

Circ - barcode scanning for reading room loans

- Enhance the 'GUI-Circulation-Reading list loans list' so that user will be able to simultaneously moved to the item AND update the item's location from 'Reading Room' to 'On shelf' and vice versa

Circ - barcode scanning for reading room loans

- Background
 - Aleph 'GUI-Circulation-Reading Room Loans List' functionality provides an easy way to navigate between the listed items.
 - However, this functionality doesn't suffice when handling a massive amount of items that need (on a daily/hourly base) to be moved from 'Shelf' to 'Reading Room' and vice versa

Circ - barcode scanning for reading room loans

- Business Requirements

- *Scanning and highlighting is implemented but moving the item is not*
- *Currently, you just jump to the item in the list by scanning the barcode, and then have to click the appropriate button to move the item*
- *Wish for the item to be highlighted and then moved without having to press any button*
 - *If the item is in reading room, scanning the barcode would move it automatically to the shelf*
 - *if the item is on shelf, scanning the barcode would move it to the reading room selected in the drop-down menu*
- *Moving items between the reading room and the shelf and vice versa stands for about 70% of all our circulation transactions, so this would be a huge time saver and also make the workflow easier. Not to mention the ergonomic benefits*

Circ - barcode scanning for reading room loans

- Solution Description

- a new GUI-Circulation flag will control the functionality of the 'Jump to Barcode' action in the patron's list of reading room loans
- Upon setting-up the flag, the 'Jump to Barcode' action will include both activities:
 - the relevant item will be highlighted (already supported)
 - the item will be marked as 'Reading Room' or 'On Shelf' ; the opposite to its current status (new functionality)

Circ - barcode scanning for reading room loans

- A new flag will be set in the PC file: **./circ/tab/circ.ini**
 - **Flag section:** [ReadingRoom] - new section
 - **Flag name:** AutoMoveItem - new flag
 - **Possible value:** Y/N
- N = (default) Retain current functionality in which 'Jump to barcode' detects and highlights the relevant line in the list
- Y = New functionality. The 'Jump to barcode' action detects the relevant line and change it from 'On shelf' to 'Reading Room' and vice versa

Circ - barcode scanning for reading room loans

List of Reading Room Loans

RR Sublibrary: HLR

Jump to Barcode:

| Barcode | Title | Date | Due Date | RR | Call no |
|----------------|--|----------|----------|----|----------------|
| 848686 | Lady Gaga : | 20/08/19 | 17/09/19 | ✓ | ML420.L185 J64 |
| 7547-150 | Journal of the Royal Musical Association. | 21/08/19 | 17/09/19 | | M102 .J47 |
| 32044019321843 | The Chinese recorder and missionary journal. | 21/08/19 | 17/09/19 | | Ch 2.3.13 |

Sample of item 7547-150 BEFORE barcode is scanned --> The item is currently located in the reading room

Shelf <-
-> RR
Item
Print
Barcode

List of Reading Room Loans

RR Sublibrary: HLR

Jump to Barcode:

| Barcode | Title | Date | Due Date | RR | Call no |
|----------------|--|----------|----------|----|----------------|
| 848686 | Lady Gaga : | 20/08/19 | 17/09/19 | ✓ | ML420.L185 J64 |
| 7547-150 | Journal of the Royal Musical Association. | 21/08/19 | 17/09/19 | | M102 .J47 |
| 32044019321843 | The Chinese recorder and missionary journal. | 21/08/19 | 17/09/19 | | Ch 2.3.13 |

The new functionality:
Sample of item 7547-150 AFTER barcode is scanned --> the item is moved back to the shelf

Shelf <-
-> RR
Item
Print
Barcode

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

- There is a need to enhance the way bibliographic and holding records are managed by the 'Delete items records (item-11)' service.
- Need to retain the content of the deleted records and set the relevant value in the status (STA) field.

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

- Background

- As part of the 'Delete Items Records (item-11)' functionality, Aleph enables deleting Bibliographic records for which all items are deleted
- The current delete action of item-11 is similar to the online action (GUI-Cataloging-Delete from server)
- It removes most of the contents of the Bibliographic records (e.g. title, author, ISBN, identifiers, etc.) and add DEL=Y field
- This situation is problematic when there is a need to inform a third-party utility that record is deleted from the catalog

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

- **Required Functionality:**

- 'Delete Items Records (item-11)' service should be enhanced to :
 - retain the content of the deleted record
AND
 - update the STA field (rather than DEL field)

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

Solution Description

- 'Delete Items Records (item-11)' service will be enhanced with a new 'Record Management' option: Update STA Field
- The 'Update STA Field' will offer a new functionality for marking the bibliographic and holding records as 'deleted' (using the Aleph STA field rather than Aleph DEL field)
- The new functionality will retain the bibliographic and holding data of the deleted record.
- Retaining the data will enable to inform third-party systems about withdrawn inventory

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

Delete Item Records (item-11) - USM50

* Input File Name: delete_item

* Items Report File Name: item_11_report

* Notices File Name: item_11_notice

Override

- Hold Requests
- Bookings
- Photocopy Requests

Update Database

- Yes
- No

Deleted Report Format: 00

Not Deleted Report Format: 00

Letter format: 00

Record Management

- None
- Delete
- Update STA Field **New option**

Runtime: Today

At: [] O'clock:

Library: USM50

Print ID: []

Report Language: []

Submit

View History

Cancel

Help

Add to History

Online

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

```
Leader      LDR  _ _ 00000das^^2200685^^^4500
Date and Time 005  _ _ 20190911145605.0
Deleted      DEL _ _ a Y
```

Sample of a BIB record deleted as a result of activating item-11 with "Delete" mode (current func.)

LDR - field is kept. Position 05 is set to "d" (deleted)

005 - timestamp is updated

DEL - new field is added **DEL\$aY**

Delete Item Records (p-item-11) - add option to use STA field for BIB record management

| | | | | |
|------------------------|------------|----|---|---|
| <i>Leader</i> | <u>LDR</u> | — | — | 00000nas^^2200685^^^4500 |
| <i>Control No.</i> | <u>001</u> | — | — | 000000814 |
| <i>Date and Time</i> | <u>005</u> | — | — | 20191003161236.0 |
| <i>Fixed Data</i> | <u>008</u> | — | — | 750727c19069999nyumn1p^^^^^^0^^^a0eng^d |
| <i>LC Control No.</i> | <u>010</u> | — | a | a^^43002181^//r872 |
| <i>Nat.Bib. Cno.</i> | <u>016</u> | 7 | a | A30075000 |
| | | | 2 | DNLM |
| <i>ISSN</i> | <u>022</u> | 0 | a | 0003-276X |
| <i>System No.</i> | <u>035</u> | 0 | a | (0CoLC)01481086 |
| <i>LCC No.</i> | <u>050</u> | 00 | a | QL801 |
| | | | b | .A45 |
| <i>Dewey No.</i> | <u>082</u> | | a | 611.05 |
| <i>Abbrev. Title</i> | <u>210</u> | 0 | a | Anat. rec. |
| <i>Key Title</i> | <u>222</u> | 4 | a | The Anatomical record |
| <i>Main Title</i> | <u>245</u> | 04 | a | The Anatomical record. |
| <i>Imprint</i> | <u>260</u> | | a | [New York, etc.] : |
| | | | b | A. R. Liss [etc.]. |
| <i>A.E. Related To</i> | <u>740</u> | 0 | 5 | med |
| | | | a | Anatomical record (Online) |
| <i>Owner</i> | <u>OWN</u> | | a | HYI |
| <i>Status</i> | <u>STA</u> | — | a | DELETED |

Sample of a BIB record deleted as a result of activating item-11 with 'Update STA Field' mode (new func.)

- record's content is kept
- new STA\$\$aDELETED is added
- 005 time stamp is updated

Expanding ORCID from authority records to source record

- expand the published data with the ORCID (driven from the related Authority record)
- Will allow the user to search, retrieve and display the ORCID when using Primo, OPAC, other discovery tool

Expanding ORCID from authority records to source record

- Background

- Most personal names are not unique, they can change (such as with marriage), have cultural differences in name order, contain inconsistent use of first-name abbreviations and employ different writing systems
- The ORCID (Open Researcher and Contributor ID) is an alphanumeric code to uniquely identify scientific and other academic authors and contributors
- ORCID provides a persistent identity for humans, similar to that created for content-related entities on digital networks by digital object identifiers (source: <https://en.wikipedia.org/wiki/ORCID>)

Expanding ORCID from authority records to source record

- Aleph doc_expand mechanism provides the ability to enrich data with additional information coming from the related Authority records.
- Expanding the ORCID, from the Authority record to the Bibliographic record, will enhance the data retrieve and display functionality; especially when using a discovery tool such as Primo, OPAC, etc.
- It is required to enhance the expand from authority functionality to include the ORCID (set in tag 024 of the authority record).
- It should be implemented similarly to the current "expand from authority programs" (expand_doc_bib_accref*)

Expanding ORCID from authority records to source record

- **Solution Description**

- To address the requirement, the current expand routine *expand_doc_bib_accref* will be enhanced by a new parameter that provides the functionality of expanding the bibliographic data with ORCID driven from the related Authority record.

Expanding ORCID from authority records to source record

Output:

| Case description | BIB Data | Related AUTH data | Expanded BIB data (new functionality) |
|--|--|--|---|
| Classic case: BIB has 100 tag with related AUTH record The related AUT record contains a single 024 field The 024 has \$2orcid | 100 \$pBacouel-Jentjens, Sabine \$d1967- \$9(DE-588)171594452 | 024 \$a0000-0002-5951-1679 \$vcg_orcid \$2orcid | 100 \$pBacouel-Jentjens, Sabine \$d1967- \$9(DE-588)171594452 \$OORCID: 0000-0002-5951-1679 |

Check routine needed to identify records that exceed size limit

- Provide an efficient tool for identifying records that exceed size limit

Check routine needed to identify records that exceed size limit

- Aleph provides several flows for loading BIB/AUTH/HOL records from various sources
- Before the load, the user is expected to perform checks of the incoming data to identify potential inconsistencies
- Providing a new check program, that alerts in case a record exceeds its size limit, will facilitate the flow so that relevant actions will take place before the actual load.

Check routine needed to identify records that exceed size limit

Background:

- Any BIB/AUTH/HOL record in Aleph is limited to:
 - Total number of **bytes** for the whole record: 45000
 - Total number of **bytes** for each field: 2000
 - Total number of **subfields** for the whole record: 5000
- **Current functionality**
 - There are cases in which data that is loaded into Aleph exceeds the size limitation
 - In such cases Aleph might shorten the record or load it as is. Either way causes data corruption, interrupts the load action, crashes indexing, etc.

Check routine needed to identify records that exceed size limit

- **Requirement:**

- Provide a new check program, that alerts in case a record exceeds the its size limit.
- Will enable the checks to be done before the actual load.
- The new check programs will identify BIB/AUTH/HOL records that exceed the Aleph record's size limitation
- This new program will be applied at the stage of checking the records (e.g. using manage-25 service) before the actual load (e.g. using manage-18 service). This way, the load and all subsequent actions will not be interrupted by records that exceed the size limitation.

Check routine needed to identify records that exceed size limit

- Solution Description

- The 'check doc' mechanism will be enhanced by a new program that checks the record's size limitation
- New alerts will be added to inform clear message/s related to the record's size limitation
- User will be able to review the alerts and amend the records that exceed the size limitation
- There will be no change in the way data is loaded into Aleph

Check routine needed to identify records that exceed size limit

- **Setting-up the new check_doc_size program**

- **Can be set in:** check_doc configuration table of BIB/HOL/AUTH libraries (check_doc configuration table already exist)
- **Deployment:** User that will be interested in this feature will set *check_doc_size* at the relevant check routine.
- **Example:** Setting up the new program in the BIB directory (./usm01/tab/check_doc). This will activate the new program whenever P-MANAGE-25 check routine is applied.

```
P-MANAGE-25      check_doc_tag_text
P-MANAGE-25      check_doc_line
P-MANAGE-25      check_doc_line_contents
P-MANAGE-25      check_doc_lkr
P-MANAGE-25      check_doc_doc
P-MANAGE-25      check_doc_size      The new check_doc program
```

Check routine needed to identify records that exceed size limit

- **Activating the new check program**

- In reference to above Example set-up:
 - Upon activating 'Fix and Check Catalog Records (manage-25)', the new check program will be included as part of P-MANAGE-25 check routine
 - There will be no change in the service interface form nor data flow
 - This enhancement will provide the ability to check the record size and provide clear messages in case size limit is exceeded

Check routine needed to identify records that exceed size limit

Fix and Check Catalog Records (manage-25) - USM01

Input File:

Output File for Fixed and Checked Records:

Output File for Rejected Records:

From Document Number (up to 9 digits):

To Document Number (up to 9 digits):

* Fix Routine:

* Check Routine:

* Reject Based on Forbidden Errors Only: Yes No

Runtime:

At: O'clock:

Library:

Submit
View History
Cancel
Help
 Add to History
 Read From/PrintToADM

Check routine needed to identify records that exceed size limit

- The new messages for the new check program
 - New messages will be added to the check_doc mechanism
 - These messages will provide clear notices as part of the manage-25 output files OR any other flow from which check_doc_size is activated
 - Similar to all other check_doc messages, users that will be interested in this feature, will configure whether the alerts are marked as 'Mandatory' (critical) OR 'Warning'``

Infrastructure Changes in V23.4

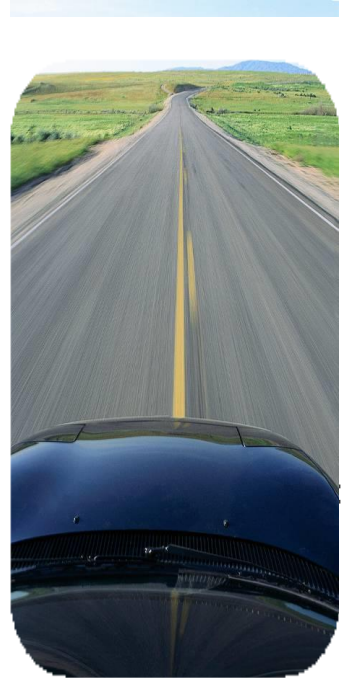
- RedHat8
- End support for Solaris



Plans for V24 and Beyond

Plans for V24 and Future Versions

- Scope based on input from:
 - User groups initiated enhancements
 - Ex Libris Support
 - Product Management
- Items for consideration:
 - User group enhancements
 - Extending support for protocols and standards such EDI
 - Facilitate or support strategic URM/URD2 direction
 - Infrastructure SW/HW certifications



D,



Thank you!

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