



Aleph 22 Release Notes

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Introduction

This section includes:

- **Purpose of This Document** on page 9
- **Aleph 22 Documentation** on page 9

Purpose of This Document

This document lists the various enhancements and changes that are new for Aleph 22. You can find them listed under the following topics:

- **Acquisitions** on page 11
- **Cataloging** on page 15
- **Circulation** on page 23
- **General** on page 39
- **Indexing** on page 49
- **Integrated ILL** on page 51
- **Items** on page 53
- **Web OPAC** on page 55
- **DLF API** on page 35

Aleph 22 Documentation

The following is a list of the primary documentation for Aleph 22:

- *Aleph 22 Staff User's Guide*
- *Aleph 22 System Librarian's Guide*
- *Aleph 22 System Configuration Guide*

- *Aleph 22 Release Notes*

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Acquisitions

This section includes:

- **Load EDI Invoice in Preview Mode** on page 11
- **Order Form – Recalculate Price Information** on page 12
- **Order Changes Alert** on page 13

Load EDI Invoice in Preview Mode

Purpose of Enhancement

This new batch service simulates the EDI invoice load without updating the database.

Description

A new batch service, EDI Invoice Load - Preview (`edi-12`) is introduced. It is accessed from Services > EDI in the Acquisitions module and is run after `edi-09` and before `edi-10`.

The new `edi-12` service looks for INVOICE files in the `./xxx50/edi/in/xml_incoming` directory and performs a preview mode load into Aleph. Other types of incoming EDI messages (such as serials check-in) are not processed by `edi-12`.

After running `edi-12`, the invoice load activates all actions, but does not update the general invoice, line item, budget transaction, order, and log.

The output file reports the predicted actions and inconsistencies.

The edi XML file that is processed is not moved to `./xxx50/edi/in/xml_processed`. It remains at `./xxx50/edi/in/xml_incoming` (ready for the next execution by `edi-10`).

The purpose of this feature is to alert you to possible actions and errors that may occur during an actual update of the database.

Implementation Notes

- If localization is needed, add the following lines to `$alephe_root/error_lng/edi_in`:

```
1031 0000 L Could not create budget transaction for order
number $1 and budget number $2.
1032 0000 L Order number $1: No budget assigned to order.
1033 0000 L Could not create budget transaction for order
number $1.
1034 0000 L Output file is mandatory !
```

- If localization is needed, add the following files:
 - `$alephe_root/error_lng/p_edi_12`
 - `./form_lng/edi-inv-preview-report.xsl`
- If localization is required, add the following lines to `./alephe/pc_b_lng/menu-acq.xml`:

```
<item>
  <display>EDI Invoice Load - Preview (edi-12)</display>
  <file>p-edi-12</file>
</item>
```

- If localization is required, add the following line to `./alephe/tab/user_function.lng`:

```
EDI-S      L EDI Services      EDI-12      L EDI-12 Load EDI Invoice
- Preview
```

- If localization is required, add the following file `./alephe/pc_b_lng/p-edi-12.xml`

Reference to Documentation

For more information, see the batch service Help and the **EDI** section of the *Aleph 22 Staff User Guide - Acquisitions*.

Order Form – Recalculate Price Information

Purpose of Enhancement

You can now recalculate price information when you update the Unit Price or Number of Units.

Description

The new Calculate Price checkbox has been added to the Quantity and Price tab of the Order Form.

If the Unit Price or Number of Units is changed, you can select the new **Calculate Price** checkbox and click **Update or Refresh**. This automatically recalculates the price information fields and the correct values are populated in all price fields. If Unit Price or Number of Units is changed and the **Calculate Price** checkbox is cleared, the old price information remains (there is no automatic update).

Reference to Technical Documentation

For more information, see the **Quantity and Price Tab** section of the *Aleph 22 Staff User's Guide - Acquisitions*.

Order Changes Alert

Purpose of Enhancement

An alert is now displayed when you update an order and then move to another order without saving the changes. This prevents you from losing changes made to order data.

Description

If you update an order and then move to another order without saving the changes, a warning message is displayed that requests confirmation. This development is flag dependent (`NotifyItemChanged` in `Alephcom.ini`).

Reference to Technical Documentation

For more information, see the **Order Changes Alert** section of the *System Librarian Guide - Acquisitions*.

Implementation Notes

- In order to display this item change alert, set the following in `alephcom.ini`:

```
[ItemList]
NotifyItemChanged=Y
```

- If localization is required, add the following line to `Acq/Tab/lng/Message.dat`:

```
OrderChange                ALEPH GUI                YN  2 Q
Order %s has been changed locally, but the changes have not
been saved on the server. Continue anyway?
```

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Cataloging

This section includes:

- [Applying MARC Field 264 When Field 260 is Missing](#) on page 15
- [Link to RDA Toolkit](#) on page 16
- [Extending Number of Columns for Print-08 Output Report](#) on page 17
- [File-90 \(Advanced Generic Loader\) Enhanced to Create Multiple Items for One BIB](#) on page 20
- [Updating Holding Records Based on Item Arrival](#) on page 21

Applying MARC Field 264 When Field 260 is Missing

Purpose of Enhancement

The new MARC 21 264 field is now integrated within the current fix routines.

Description

The current fix routines consult the 260\$\$\$c field (date of publication) for various procedures, for example, updating the 008 field (positions 7-10).

The recent RDA (Resource Description and Access) presents the 264 field which is similar to the 260 field. The fix routines that consult or update 260 should also refer to 264.

The following fix routine are enhanced to consult and update 264\$\$\$c if 260\$\$\$c is missing.

- `fix_doc_tag_008`
- `fix_doc_tag_008_heb`

- `fix_doc_008_han_1`
- `fix_doc_punctuation_usm`

Reference to Technical Documentation

For more information, refer to the **Fix Record** section of the *Aleph 22 System Librarian's Guide - Cataloging*.

Link to RDA Toolkit

Purpose of Enhancement

A new button has been added that allows you to access the RDA (Resource, Description and Access) toolkit.

Description

The **Show RDA Toolkit** option has been added to the Edit Action menu in the Cataloging module. This option enables you to link the USMARC BIB and AUT cataloging tags to the RDA toolkit.

RDA users are registered in the RDA Website. When applying to RDA services, Aleph uses the username and password set in the RDA site.

This information is set in the PC file: `CATALOG.INI`

```
[RdaToolkit]
RdaEnabled=Y
RdaUser=user_name
RdaPassword=Password
RdaURL=http://access.rdatoolkit.org/?encode=marc&rec=
```

Implementation Notes

If localization is needed, insert the following line in `Catalog\Tab\Lng\MENU.DAT`:

```
SHOW_RDA                                Show RDA Toolkit
```

Reference to Documentation

For more information, refer to the **Link to RDA Toolkit** section of the *Aleph 22 System Librarian's Guide - Cataloging*.

Extending Number of Columns for Print-08 Output Report

Purpose of Enhancement

The maximum number of columns in the `print-08` report has been increased to 10 columns.

Enable up to 10 columns in the output report of `print-08` (.).

Description

Until now, the output of `print-08` Print catalog records-columnar format) could include up to 6 columns. This has been increased, so that now the maximum number of columns in the `print-08` report is 10 columns.

The following components have been changed:

- You are now able to define up to 10 columns in the `rep_tab_short.lng` (the table that define formats for `print-08` output).
- The output form, `catalog-records-columnar.xml`, has been changed to enable printout of up to 10 columns.
- The `print-08` batch interface (`p-print-08.xml`) can be changed to include the extended format.

Implementation Notes

- If localization is needed, change or add the following lines in `./[BIB_library]/form_lng/catalog-records-columnar.xml`

- After:

```
<xsl:variable name="v1" select="./data-1"/>
<xsl:variable name="v2" select="./data-2"/>
<xsl:variable name="v3" select="./data-3"/>
<xsl:variable name="v4" select="./data-4"/>
<xsl:variable name="v5" select="./data-5"/>
<xsl:variable name="v6" select="./data-6"/>
```

Add:

```
<xsl:variable name="v7" select="./data-7"/>
<xsl:variable name="v8" select="./data-8"/>
<xsl:variable name="v9" select="./data-9"/>
<xsl:variable name="v10" select="./data-10"/>
```

■ **Change:**

```
<xsl:if test="concat($v1, $v2, $v3, $v4, $v5, $v6) != ''">
```

To:

```
<xsl:if test="concat($v1, $v2, $v3, $v4, $v5, $v6, $v7, $v8,  
$v9, $v10) != ''">
```

■ **Change:**

```
<xsl:call-template name="open-row-cond">  
<xsl:with-param name="display" select="concat($v1, $v2, $v3,  
$v4, $v5, $v6)"/>  
<xsl:with-param name="header" select="$header"/>
```

To:

```
<xsl:call-template name="open-row-cond">  
<xsl:with-param name="display" select="concat($v1, $v2, $v3,  
$v4, $v5, $v6, $v7, $v8, $v9, $v10)"/>  
<xsl:with-param name="header" select="$header"/>
```

■ **After:**

```
<xsl:call-template name="display-grid-currency">  
<xsl:with-param name="label" select="./title-6"/>  
<xsl:with-param name="value" select="./data-6"/>  
<xsl:with-param name="display" select="./title-6"/>  
<xsl:with-param name="header" select="$header"/>  
</xsl:call-template>
```

Add:

```
<xsl:call-template name="display-grid-currency">
<xsl:with-param name="label" select="./title-7"/>
<xsl:with-param name="value" select="./data-7"/>
<xsl:with-param name="display" select="./title-7"/>
<xsl:with-param name="header" select="$header"/>
</xsl:call-template>
<xsl:call-template name="display-grid-currency">
<xsl:with-param name="label" select="./title-8"/>
<xsl:with-param name="value" select="./data-8"/>
<xsl:with-param name="display" select="./title-8"/>
<xsl:with-param name="header" select="$header"/>
</xsl:call-template>
<xsl:call-template name="display-grid-currency">
<xsl:with-param name="label" select="./title-9"/>
<xsl:with-param name="value" select="./data-9"/>
<xsl:with-param name="display" select="./title-9"/>
<xsl:with-param name="header" select="$header"/>
</xsl:call-template>
<xsl:call-template name="display-grid-currency">
<xsl:with-param name="label" select="./title-10"/>
<xsl:with-param name="value" select="./data-10"/>
<xsl:with-param name="display" select="./title-10"/>
<xsl:with-param name="header" select="$header"/>
</xsl:call-template>
```

■ **Change:**

```
<xsl:call-template name="close-row-cond">
<xsl:with-param name="display" select="concat($v1, $v2, $v3,
$v4, $v5, $v6)"/>
<xsl:with-param name="header" select="$header"/>
```

To:

```
<xsl:call-template name="close-row-cond">
<xsl:with-param name="display" select="concat($v1, $v2, $v3,
$v4, $v5, $v6, $v7, $v8, $v9, $v10)"/>
<xsl:with-param name="header" select="$header"/>
```

- If localization is required, replace the following lines in file `./alephe/pc_b_<lng>/p-print-08.xml` (The following is an example of adding two fields for report 001: Call number and Subject):

■ **Change:**

```
<cbitem>
<value>001</value>
<display>Document no. | Author | Title | Publ. | Year | Items
</display>
</cbitem>
```

To:

```
<cbitem>
<value>001</value>
<display>Document no. | Author | Title | Publ. | Year | Items
| Call No. | Subject</display>
</cbitem>
```

- If localization is required, add the following lines in file `./[BIB_library]/tab/rep_tab_short.lng` (The following is an example of adding two fields for report 001: Call number and Subject):

- After:

```
001 L Items                LOC##                010 05 C05 ---
```

- Add:

```
001 L Call No.            050##                010 02 C01 ---
001 L Subject             650##                010 02 C01 ---
```

File-90 (Advanced Generic Loader) Enhanced to Create Multiple Items for One BIB

Purpose of Enhancement

File-90 (Advanced Generic Loader) has been enhanced to support the ability to create multiple items for one BIB. The number of items that are created is set in field 980 \$\$g.

Description

It is now possible to create multiple items for a loaded BIB record. File-90 loader can create multiple items from each loaded file. The number of items is taken from the input file 980\$\$g.

`tab_loader` defines the policy for the loaded record. When the item creation method (col. 4 in `tab_loader`) is set to 2 or 3, the file-90 loader creates new items as defined in 980 \$\$g.

Only the first 980\$\$g is taken into account. If there is no 980\$\$g, a single item is created based on the 049\$\$a location code.

Updating Holding Records Based on Item Arrival

Purpose of Enhancement

Holding record 86X fields are now updated when registering Item Arrival.

Description

A new mechanism has been developed to update holding records when changes are made to the item record. This is implemented by using a new Z105 message type that is processed by `ue-11` and sends a message to update the holding record when changes are made to an item record.

Note that this routine is relevant only if the 85x/85xX Publication Pattern fields reside in the holding record.

The new message updates the holding record's 86X fields by registering the arrival of items that are linked to the holding record.

For example, when registering the arrival of Vol.4 #1-5 (with the Acquisitions/Serials module), the holding record is updated with summary holdings statement 863 and 866 fields. The action is similar to the `fix_doc_hld_stmt` routine.

Implementation Notes

There is no need to define `fix` or `expand` routines. The setup is done in the ADM Library's `tab_z105` table:

The following is an example of `./usm50/tab/tab_z105`:

```
!      1      2 3 4 5 6 7 8 9 10 11
12
!!!!!!!!!!!!!!!!!!!!-!-!!!!-!!!!-!!!!-!!!!-!!!!-!!!!-!!!!-!!!!-!!!!-
!!!!-!!!!
UPDATE-ENUM      n USM60
```

Reference to Documentation

For more information and implementation notes, see the **Update HOL Record Based on Item Arrival** section of the *Aleph 22 System Librarian Guide - Cataloging*.

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Circulation

- **All Overdue Items and Debt Amount Now Included in Overdue Notices** on page 23
- **Additional Overdue Items Message** on page 28
- **Hold Request Related Events Now Recorded in Circulation Log** on page 29
- **Patron's Expiration Dates Added to Patron Library Card Printout** on page 30
- **New Go to Patron Button** on page 31
- **Two Patron Name Fields (First Name and Last Name)** on page 32
- **Extending the Patron's Address Fields** on page 33

All Overdue Items and Debt Amount Now Included in Overdue Notices

Purpose of Enhancement

The following options have been added to the Overdue and Lost Billing Summary Letter (cir-51) service:

- Include all overdue items
- Include debt amount

Description

Patrons are sent an overdue notice that informs them of items they have borrowed from the library that are overdue. The library determines how many days overdue an item must be before it is included in an overdue notice. Until now, when an overdue notice was sent to a patron, it only included the overdue items that were sufficiently overdue to require a notice, but did not include

overdue items that were insufficiently overdue to require a notice on their own. Now all overdue items of the patron are included in the notice, including overdue items that are insufficiently overdue to require a notice on their own.

NOTE:

If there are no overdue items that are sufficiently overdue to require a notice, no notice is sent.

Until now the amount of overdue fines that the patron owed was not indicated in the overdue notice. Now the amount of overdue fines that the patron owes is indicated in the overdue notice.

Reference to Documentation

For more information, refer to the service's online help.

Implementation Notes

- In `./[ADM library]/form_<lng>/overdue-summary*.xsl` files:

- Before the lines:

```
<xsl:call-template name="signature"/>
</xsl:template>
```

Add the following lines:

```
<!--section-03 (FREE)-->
<xsl:for-each select="//section-03">
<xsl:call-template name="section-03"/>
</xsl:for-each>
```

- Before the lines:

```
<xsl:template name="signature">
<xsl:call-template name="generic-line">
<xsl:with-param name="line"
select="'###Sincerely,##Circulation Department'"/>
</xsl:call-template>
</xsl:template>
```


Add following lines:

```
<!--SECTION-03 (FREE)-->
<xsl:template name="section-03">
<xsl:call-template name="generic-line">
</xsl:call-template>
<xsl:call-template name="generic-line">
</xsl:call-template>
<xsl:call-template name="table-open"/>
<xsl:call-template name="display-gen">
<xsl:with-param name="label" select="'Balance'"/>
<xsl:with-param name="type" select="'right'"/>
<xsl:with-param name="value" select="./total-balance"/>
</xsl:call-template>
<xsl:call-template name="display-gen">
<xsl:with-param name="label" select="'Accrued fine'"/>
<xsl:with-param name="type" select="'right'"/>
<xsl:with-param name="value" select="./total-fine"/>
</xsl:call-template>
<xsl:call-template name="table-close"/>
</xsl:template>
```

- In ./[ADM library]/form_<lng>/lost-material-summary.xsl:

- Before the lines:

```
<xsl:call-template name="signature"/>
</xsl:template>
```

Add following lines:

```
<!--section-04 (FREE)-->
<xsl:for-each select="//section-04">
<xsl:call-template name="section-04"/>
</xsl:for-each>
```

- Before the lines:

```
<xsl:template name="signature">
<xsl:call-template name="generic-line">
<xsl:with-param name="line"
select="'####Sincerely,##Circulation Department'"/>
</xsl:call-template>
</xsl:template>
```

Add the following lines:

```
<!--SECTION-04 (FREE)-->
<xsl:template name="section-04">
<xsl:call-template name="generic-line">
</xsl:call-template>
<xsl:call-template name="generic-line">
</xsl:call-template>
<xsl:call-template name="table-open"/>
<xsl:call-template name="display-gen">
<xsl:with-param name="label" select="'Balance'"/>
<xsl:with-param name="type" select="'right'"/>
<xsl:with-param name="value" select="./total-balance"/>
</xsl:call-template>
<xsl:call-template name="display-gen">
<xsl:with-param name="label" select="'Accrued fine'"/>
<xsl:with-param name="type" select="'right'"/>
<xsl:with-param name="value" select="./total-fine"/>
</xsl:call-template>
<xsl:call-template name="table-close"/>
</xsl:template>
```

- In ./alephe/pc_b_<lng>/p-cir-51.xml:

- Before the lines:

```
<control>
<radio>
<argname>F02</argname>
```

Add following lines:

```
<control>
<radio>
<argname>F17</argname>
<label>Include All Overdue Items</label>
<source>explicit</source>
<default>N</default>
<ritem>
<value>Y</value>
<display>Yes</display>
</ritem>
<ritem>
<value>N</value>
<display>No</display>
</ritem>
</radio>
</control>
<control>
<radio>
<argname>F18</argname>
<label>Include Debt Amount</label>
<source>explicit</source>
<default>N</default>
<ritem>
<value>Y</value>
<display>Yes</display>
</ritem>
<ritem>
<value>N</value>
<display>No</display>
</ritem>
</radio>
</control>
```

Add the following lines at the end:

```
<!-- Param: P-ALL-OVERDUE-YES-NO X(1). F17 -->
<!-- Param: P-DEBT-INFO-YES-NO X(1). F18 -->
```

- If localization is required, add the following lines in `./alephe/error_<lng>/p_cir_51`:

```
5007 0000 L Include All Overdue Items cannot be combined with
Separate Notices by Warning Level
5008 0000 L Include Debt Amount cannot be combined with
Separate Notices by Warning Level
```

Additional Overdue Items Message

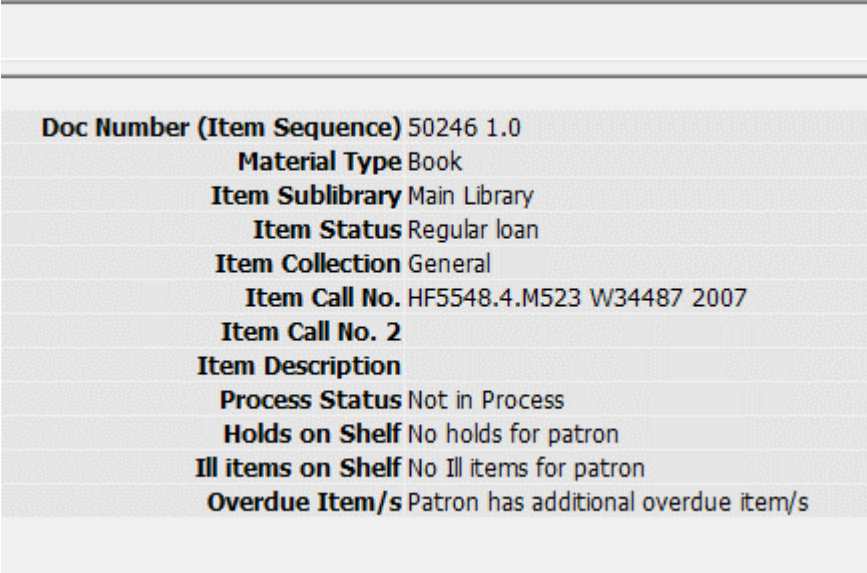
Purpose of Enhancement

A new message is now displayed in the Return page (lower pane) of the Circulation module that indicates if the patron has additional overdue items.

Description

A new message that indicates if the patron has overdue items has been added to the lower pane of the Return page in the Circulation module.

If the patron has overdue items, the message `Patron has additional overdue item/s` is displayed. If the patron does not have any overdue items, the message `No overdue items for patron` is displayed.



Doc Number (Item Sequence) 50246 1.0
Material Type Book
Item Sublibrary Main Library
Item Status Regular loan
Item Collection General
Item Call No. HF5548.4.M523 W34487 2007
Item Call No. 2
Item Description
Process Status Not in Process
Holds on Shelf No holds for patron
Ill items on Shelf No Ill items for patron
Overdue Item/s Patron has additional overdue item/s

Figure 1: Additional Overdue Items Message

Reference to Documentation

For more information, refer to the **Standard Return** section of the *Aleph 22 Staff User's Guide - Circulation*.

Implementation Notes:

- In the file `./[ADM Library]/pc_display_LNG/item-return:`

- After the following lines:

```
<tr>
  <th class="table-1" id="bold" align="right">
    Ill items on Shelf
  </th>
  <td class=table-1>
    ./ill-on-shelf
  </td>
</tr>
```

Add:

```
<tr>
  <th class="table-1" id="bold" align="right">
    <tr>
      <th class="table-1" id="bold" align="right">
        Overdue item/s
      </th>
      <td class=table-1>
        ./overdue-items
      </td>
    </tr>
</tr>
```

- In the file `./[ADM Library]/pc_display_LNG/item-return.trn`:

- After the line:

```
ill-on-shelf                TEXT        S
Y=Patron_has_Ill_items_on_shelf N=No_Ill_items_for_patron
```

Add:

```
overdue-items              TEXT        S
Y=Patron_has_additional_overdue_item/s
N=No_overdue_items_for_patron
```

Hold Request Related Events Now Recorded in Circulation Log

Purpose of Enhancement

It is now possible to record hold request related events in the circulation log.

Description

The following hold request related events can now be recorded in the circulation log:

- Hold request created
- Hold request created (OPAC)
- Hold request deleted
- Hold request deleted (OPAC)
- Hold request placed on shelf
- Hold request filled letter printed
- Hold request not filled letter printed
- Hold request picked up

In order to create the circulation log, configure these events in `<ADM library>/tab/tab_circ_log.lng` (events 70-77).

Reference to Technical Documentation

For more information, refer to the **Circulation Logger** section of the *Aleph 22 Staff User's Guide-Circulation*.

Implementation Notes

Add the following lines in `.<ADM library>/tab/tab_circ_log.lng`:

```
70 Y Y LHold request created
71 Y Y LHold request created (OPAC)
72 Y Y LHold request deleted
73 Y Y LHold request deleted (OPAC)
74 Y Y LHold request placed on shelf
75 Y Y LHold request filled letter printed
76 Y Y LHold request not filled letter printed
77 Y Y LHold request picked up
```

Patron's Expiration Dates Added to Patron Library Card Printout

Purpose of Enhancement

The patron's expiration dates have been added to the patron's Library Card printout.

Description

The Library Card printout available in the Circulation module has been enhanced by adding the expiration dates of the local patron accounts.

Implementation Notes

- In `./[BIB library]/form_lng/bor-card-label.xsl` add the following lines

- In the header:

```
<!--section-02 (GRID)-->
  <xsl:for-each select="//section-02">
    <xsl:call-template name="section-02"/>
  </xsl:for-each>
```

- In the body:

```
<!--SECTION-02 (GRID)-->
  <xsl:template name="section-02">
    <xsl:call-template name="display-gen">
      <xsl:with-param name="label"
select="'Expiry Date:'"/>
      <xsl:with-param name="value" select="./
z305-sub-library"/>
    </xsl:call-template>
    <xsl:call-template name="display-gen">
      <xsl:with-param name="label" select="' :'/
>
      <xsl:with-param name="value" select="./
z305-expiry-date"/>
    </xsl:call-template>
    <xsl:call-template name="table-open"/>
    <xsl:call-template name="table-close"/>
  </xsl:template>
```

- In `./[BIB library]/form_lng/global.trn`, add the following line:

```
z305-sub-library          SUB-LIB      S
```

New Go to Patron Button

Purpose of Enhancement

The List of Items page in the Circulation module has been enhanced to include the Go to Patron button that displays the Loans pane of the Patron tab.

Description

The Go to Patron button becomes active only for items that are currently on loan. If item is not on loan, the new button is grayed-out (inactive).

Clicking the Go to Patron button displays the Loans pane of the Patron tab, which lists all of the patron's active loans.

Reference to Technical Documentation

For more information, refer to the **Open an Item Record** section of the *Aleph 22 Staff User's Guide - Circulation*.

Implementation Notes

If localization is required, add the following line in the `.\Circ\Tab\<lng>\window.dat` file:

```
ItemList.Btn.PushPatron           &Go to Patron
```

Two Patron Name Fields (First Name and Last Name)

Purpose of Enhancement

The patron name field is now divided into two fields – First Name and Last Name.

Description

Two new fields have been added to the patron registration form (GUI, OPAC, etc.): Last Name and First Name, instead of the current Name field.

The functionality of the two new fields depends on your library setup, so that only libraries that configure the formatted name structure can use the new functionality.

The setup is implemented by a new `./alephe/tab/tab100` flag: `PATRON-NAME-FORMAT`. If `PATRON-NAME-FORMAT` is not defined, the current single name field is used (as it is currently).

The two new fields build the Z303-NAME table according to the routine set in the new TAB100 flag.

The migration of the current Z303-NAME table into the two new fields is done by running the new `Convert Patron Name (p-com-04)` batch service.

Reference to Documentation

For more info and implementation notes see the **Two Patron Name Fields** section of the *Aleph 22 System Librarian's Guide-Circulation*.

Extending the Patron's Address Fields

Purpose of Enhancement

The capacity of the Patron's Address field has been increased.

Description

The patron address consists of 5 lines of 50 bytes each for a total of 250 bytes. This has been increased so that now each line consists of 200 bytes for a total of 1000 bytes.

This increase enables the registering of long addresses , which is especially useful when dealing with CJK languages, where each character uses 3 bytes.

5

DLF API

This section includes:

- **Update Patron Passwords** on page 35
- **New Services for Placing ACQ Request** on page 36
- **New Patron Self Registration** on page 37
- **New DLF-API for Library Collections** on page 37
- **Create Photocopy Request** on page 38

Update Patron Passwords

Purpose of Enhancement

It is now possible to update a patron's password using a new DLF API: `<base URL>/patron/patid/patronInformation/password`.

Description

Discovery interfaces can now use the new DLF API in order to allow patrons to update their passwords. This is relevant for libraries that store patrons' passwords in Aleph.

The password is updated according to the library's policy.

Reference to Technical Documentation

For more information, refer to the **Password** section of the Aleph RESTful API in EL commons.

New Services for Placing ACQ Request

Purpose of Enhancement

A new RestFul DLF API is now available for creating an acquisition request via a discovery system.

Description

There are two ACQ request types:

- **Blank ACQ requests** – This is activated with the following URL format:

```
<base URL>/rest-dlf/patron/<patron-id>/acqRequest
```

- **ACQ requests on an existing document** – This is activated with the following URL format:

```
<base URL>/rest-dlf/patron/<patronid>/record/<record-id>/  
acqRequest
```

When a specific BIB record ID is requested, the record is identified uniquely by ID and an order request is registered.

When no specific record ID is requested, the BIB record is located by the system using parameters given by the patron, for example, Author, Title, Publisher.

This resource is available in both GET and PUT methods.

Reference to Technical Documentation

For more information, refer to the **New Blank ACQ Request** and **New ACQ Request per Title** sections of the Aleph RESTful API in *EL Commons*.

Implementation Notes

- If localization is needed, add the following lines to `./alephe/error_<lng>/dlf_global`:

```
0111 Patron is not privileged  
0565 Filter value "To" must be at least equal to value "From".  
0566 An error occurred while trying to create new order.  
0567 An error occurred while trying to create ADM record. No  
Acq request was created.  
0568 An error occurred while trying to find doc in base.  
0569 Matched records founds
```

- Configure the new `./[bib_library]/tab/dlf_acq_request` table according to your library's policy and option lists. Refer to the table's header for more details.

New Patron Self Registration

Purpose of Enhancement

It is now possible to create a new patron using a new DLF API: `<base URL>/patron`.

Description

Discovery interfaces can now use the new DLF API to allow patrons to register themselves to Aleph and to receive library services.

Self-registered patrons have permissions according to the library's policy.

Reference to Technical Documentation

For more information, refer to the **New Patron** section of the *Aleph RESTful API* in *EL Commons*.

New DLF-API for Library Collections

Purpose of Enhancement

A new DLF service has been created to retrieve ADM library information, including lists of sublibraries and collections for all supported languages.

Description

The GetLibraryInfo abstract service gives access to the following resources:

- ADM Library – The ADM library code and name as defined in the `$alephe_tab/tab_sub_library.lng` table, for example – Ex Libris Administrative Library.
- Sub library – Per each ADM library. A list of sublibraries (code and name) as defined in the `$alephe_tab/tab_sub_library.lng` table, for example – Law Library.
- Collection – Per each sublibrary. A list of collections (codes and names) as defined in the `$adm_lib/tab/tab40.lng`, for example – Special Collection.

The information is reported in all languages, as defined in Aleph's tables.

To retrieve the information for the MAB50 ADM library, in German, use:

<http://myserver:9999/rest-dlf/institution/mab50?lang=ger>

Create Photocopy Request

Purpose of Enhancement

The PhotoRequest service is now supported by the RESTful interface.

Description

The PhotoRequest service is a service by which a patron can request a photocopy of an item. Two methods are used to create the photo request: the Get method and the PUT method.

- The GET method – receives the photo request information for the item, such as the pickup location. The GET method then sends the information to the PUT method.
- The PUT method – creates the photocopy request with the information it received from the GET method.

Implementation Notes

If localization is needed, add the following lines in `aleph/error_<lng>/dlf_global`:

```
0546 Mandatory parameters are missing
0547 Invalid update date
0548 Open date later then update date
0549 Request number must be numeric
0550 Charge must be set for photo request
0551 Error in photo request
```

Reference to Documentation

For more information, see **Aleph-Open Interfaces** in EL Commons.

6

General

This section includes:

- **Secure SMTP Communication** on page 39
- **Additional Patron IDs Increased to 255 Characters** on page 40
- **Util O Utilities Enhanced to Take into Account Auto Extensible Data Files When Calculating Free Table Space** on page 42
- **Aleph 22 Web Services Server and Tomcat 7** on page 43
- **Corrected Subfield Position** on page 43
- **Cleanup of Z100 Records Utility** on page 44
- **New HTML Print** on page 44

Secure SMTP Communication

Purpose of Enhancement

It is now possible to conduct secure communication between Aleph and the SMTP server.

Description

The communication between Aleph and the SMTP server can now be done at a more secured level.

The following two options have been added:

- TLS
- SSL

Use these options according to the SMTP settings.

Implementation Notes

Configure secured communications in the Aleph Adm module > EMail Settings.

It is also possible to configure this functionality in `Alephcom.ini` in the mail section:

```
[Mail]
SecureConnection=SSL
Or:
[Mail]
SecureConnection=TLS
```

The default is `SecureConnection=NONE`

Reference to Technical Documentation

For more information, refer to the **E-Mail Settings** section of the *Aleph 22 User Guide - ALEPHADM*.

Additional Patron IDs Increased to 255 Characters

Purpose of Enhancement

It is now possible to create additional patron identifiers (z308) that are up to 255 characters in length.

Description

Until now, it was possible to create additional patron identifiers only up to 20 characters in length. Now it was possible to create additional patron identifiers at are up to 255 characters in length.

Since fully-scoped Shibboleth identifiers can be up to 255 characters in length, the length of Aleph's patron additional identifiers have been increased to be up to 255 characters in length, as well.

NOTE:

If you are working with PDS in Oracle mode, patron identifiers can only be up to 100 characters in length. This is a limitation of the PDS.

Reference to Technical Documentation

For more information, see the PDS-KEY-TYPE entry under tab100 in the **Web OPAC-related Tables** section of the *Aleph 22 System Librarian's Guide - Web OPAC*.

Implementation Notes

If localization is required, update the maximum length of patron identifiers from 20 to 255 characters in the following OPAC pages:

- ./alephe/www_f_lng/bib-request-verify
- ./alephe/www_f_lng/bypass-passwd
- ./alephe/www_f_lng/login
- ./alephe/www_f_lng/login-acq-session
- ./alephe/www_f_lng/login-ill
- ./alephe/www_f_lng/login-item
- ./alephe/www_f_lng/login-request
- ./alephe/www_f_lng/login-session
- ./alephe/www_f_lng/bor-new
- ./alephe/www_f_lng/bor-note-new

For example, change:

```
<tr>
  <td class=td2 nowrap><label for="pat_id">User ID/
Barcode:</label></td>
  <td class=td2>
    <input id="pat_id"
      size=21
      maxlength=20
      name=bor_id
      value="$0200">
  </td>
</tr>
```

To:

```
<tr>
  <td class=td2 nowrap><label for="pat_id">User ID/
Barcode:</label></td>
  <td class=td2>
    <input id="pat_id"
      size=21
      maxlength=255
      name=bor_id
      value="$0200">
  </td>
</tr>
```

In addition, update the PDS logon page (if used):

`/pds/html_form/calling_system-aleph/login`

Util O Utilities Enhanced to Take into Account Auto Extensible Data Files When Calculating Free Table Space

Purpose of Enhancement

Utilities that calculate the free space in Oracle tables have been enhanced to take into account the potential increase in size of the data files if they have been defined as auto extensible.

Description

Several utilities in the util o menus calculate the free space in Oracle table spaces per section, such as data file, table space, or across the whole Oracle instance. However, all of these utilities calculate only the space currently free in the table spaces, but they do not calculate the potential increase in size of the data files if they have been defined as auto extensible.

These utilities have now been enhanced so that they calculate the true capacity of the data files when they expand. The comment in the utilities that the space calculation does not take auto extensibility capacity into account has been removed.

The following utilities have been enhanced:

- `util o 13 4`
- `util o 13 5`
- `util o 14 1`
- `util o 14 2`
- `util o 14 3`
- `util o 14 4`
- `util o 14 5`
- `util o 14 8`
- `util o 17 5`

Aleph 22 Web Services Server and Tomcat 7

Purpose of Enhancement

Aleph version 22 now works with Apache Tomcat version 7.

Description

Apache Tomcat version 7 replaces JBoss and is part of the Aleph 22 installation.

The start and stop utilities (`util w/3/7/9` and `util w/2/7/1`) have been renamed `Web Services Server` instead of `JBoss` as in previous Aleph versions.

Reference to Technical Documentation

For more information, see the *How to Configure JBoss in Aleph* and *How to Configure the Web Services Server in Aleph* documents, located on the Ex Libris Documentation Center at **Aleph > Technical Documentation > How To > Miscellaneous**.

Implementation Notes

During Aleph 22 installation, the old `ng` tree of JBoss are replaced in order to match the new Tomcat. Therefore, manually copy the external adapters (JAR files) from the old JBoss `ng` tree (if used) to the Aleph 22 `ng` tree.

The configuration files under `$alephe_root/jboss_conf` are still relevant and used for Tomcat in the same way they were used in JBoss.

Corrected Subfield Position

Purpose of Enhancement

The current behavior of placing the corrected subfield at the beginning of the heading has changed. Now the order of the subfields remains unchanged.

Description

GUI-Search-Browse-Correct Heading action:

Until now, when the text of a subfield was correct, the subfield was moved to be the first subfield. This has been changed, so that now the position of the corrected subfield remains unchanged.

Note that if the user adds a new subfield that is not part of the original heading, the subfield is positioned as the last subfield.

Reference to Documentation

For more information, see the **Correct Heading** topic of the *Aleph 22 Online Help*.

Cleanup of Z100 Records Utility

Purpose of Enhancement

A new utility program has been created to cleanup Z100 batch log information.

Description

A new `util x/12` option enables you to clean Z100 records from the database. You can specify the number of days to retain Z100 data. For example, if you enter 100, then all records that are older than 100 days are deleted.

New HTML Print

Purpose of Enhancement

HTMLPrint 5.24 has been replaced by HTMLPrint 9.02.

Description

As part of ongoing infrastructure improvements and maintenance, the new HTMLPrint 9.02 has been integrated in the GUI. It replaces HTMLPrint 5.24, which is no longer supported by the vendor.

A new entry in `Alephcom.ini` has been added (Aleph default is 5):

```
[Print]
!Possible values - 5 and up
PreviewLimit=5
```

- Preview mode

The Aleph preview window has been replaced by the HTMLPrint preview window. Now, the Print and Preview outputs are the same.

HTMLPrint preview opens in its own window. The GUI remains active while the window is open. When using the Preview option to open files that

include several printouts (for example, Slip and Letter) up to three files can open in separate windows simultaneously.

When using the Preview option for large files with more than a certain number of printouts (as defined in `alephcom.ini`) the following is displayed:

```
You are going to Preview <n> additional documents. Continue  
Preview?
```

It is possible to continue or to stop the preview process. The question is displayed after the set number of printouts.

- **Print mode**

When the number of printouts is larger than the preview limit, the following message is displayed:

```
You are going to Print <n> documents with no option to stop  
the process\nTo start printing press "Yes".
```

When printing or previewing wide tables, the table might be cut off. In order to prevent this problem, define the following parameter in `in.\Alephcom\Bin\HTMLPrint.ini`:

```
[Options]  
Scale=75  
Scale=100 is the default
```

The change affects all printouts. There is no option to fit specific printouts only.

NOTES:

- The Close All message that used to be displayed for both Preview mode and Print mode has been replaced by the new messages described above.
 - In the Preview mode, embedded IE options are not available in the new HTMLPrint preview window. For example:
 - Text selection option
 - View source option
 - When there is a long word with no spaces, both Preview mode and Print mode are cut off.
-

7

GUI-Search

This section includes:

- [Retain Search Terms](#) on page 47

Retain Search Terms

Purpose of Enhancement

Search terms are now retained in the GUI Search-find feature when selecting a different base.

Description

Until now, search terms that a user entered in the GUI-Search-Find field were not retained when the user selected a different base. Now the search terms are retained.

This functionality is relevant for the GUI-Search-Find-Advanced Search and Multi-Field search. The GUI-Search-Find-Multi base CCL search already supports retaining the search terms.

8

Indexing

This section includes:

- **Word Indexing** on page 49

Word Indexing

Purpose of Enhancement

The number of words indexed for bibliographic records (in Z95) has been increased from 5000 to 20000.

Description

Previously, the number of words indexed for each bibliographic record in Z95 was limited to 5000 words. Records with more than 5000 words would not have all of their words indexed; therefore, they were not available to be located by a search.

Additionally, sometimes a word deleted from a record would still be located by a search.

Now the number of words indexed for bibliographic records (in Z95) has been increased to 20000 words to comply with the words stored in the Z98/Z980 table (a table for indexed words and their bibliographic records).

Implementation Notes

Customers that have bibliographic records with more than 5000 words should run the Rebuild Word Index (manage-01) batch service on the BIB library.

9

Integrated ILL

This section includes:

- **Editing BIB Information of ILL Borrowing Requests in the ILL Module** on page 51
- **Duplicating ILL Borrowing Requests** on page 52
- **Number of Pickup Sublibraries and Circulation Sublibraries for an ILL Unit has Been Increased** on page 52

Editing BIB Information of ILL Borrowing Requests in the ILL Module

Purpose of Enhancement

Two new fields have been added to the Bibliographic Details tab of the ILL Borrowing page so that they can be edited in the ILL module.

Description

Until now, the Bibliographic Details tab of the ILL Borrowing page did not contain fields for Series and Publication Place. In order to edit this information, you had to switch to the Cataloging module to edit the relevant tags in *USMARC*: 260\$\$a and 440\$\$a.

Now the Bibliographic Details tab contains the Series and Publication Place fields. This allows you to edit these fields in the ILL module rather than having to switch to the Cataloging module.

Duplicating ILL Borrowing Requests

Purpose of Enhancement

You can now duplicate ILL borrowing requests by clicking the Duplicate button.

Description

A new button, Duplicate, has been added to the ILL Borrowing Request List in the ILL module. When you click the Duplicate button, a new ILL borrowing request application form is displayed with information taken from the duplicated request. You can update or complete the fields and submit the request.

Reference to Documentation

For more information, see the **Borrowing Request List** topic in the Online Help.

Number of Pickup Sublibraries and Circulation Sublibraries for an ILL Unit has Been Increased

Purpose of Enhancement

It is now possible to define up to 100 pickup sublibraries for an ILL unit.

In addition, it is now possible to define up to 100 circulation sublibraries for an ILL unit.

Description

Until now, it was possible to define only up to 20 pickup sublibraries and circulation sublibraries for an ILL unit.

The maximum number of sublibraries has now been increased to 100.

Reference to Technical Documentation

For more information, refer to the **Setting up ILL partners** section of the *Aleph 22 Staff User's Guide - Integrated ILL*.

10

Items

This section includes:

- [List of Items by Priority Order](#) on page 53

List of Items by Priority Order

Purpose of Enhancement

AVA subfield `p` has been added to indicate the item priority in the items list.

Description

The `expand_doc_bib_avail` routine consults a new table `./bib_lib/tab/ava_location_priority`.

This table lists the sublibrary and the collection by their priority (items at the top of the list have a higher priority). As a result, a new subfield `p` has been created in the AVA field with a number that represents the priority.

This can be used, for example, to display items in the Items List that are available on the open shelf at the top of the list while having items that are part of a reserve collection displayed at the bottom of the list.

Reference to Technical Documentation

For more information, see the `expand_doc_bib_avail` entry in the **Expand Routines** section of the *Aleph 22 System Librarians Guide - Indexing*.

Implementation Notes

Set `./bib_lib/tab/ava_location_priority` with a list of locations (sublibrary or sublibrary+ collection) according to their priority.

Items at the top of the list have a higher priority. For example:

```
! 1      2
!!!!!!-!!!!!!
WID      GEN
WID      COLDE
WID
WID      #####
HIL      GEN
HLL      CDROM
HIL      LIBNO
HIL      MRS
HIL
HIL      #####
```

11

Web OPAC

This section includes:

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Patron Notices Now Supported By PDS

Purpose of Enhancement

The patron notice page is now supported when logging on with PDS.

Description

Patron notices provide alerts when a patron logs on to the Web OPAC and has pending cash transactions, delinquencies, overdue loans, or an account that is about to expire.

Until now, patron alerts were not displayed when logging on to the Web OPAC with PDS. Now patron alerts are displayed when logging on to the Web OPAC with PDS.

Reference to Documentation

For more information about patron notices, see the **Setting Up the System** section of the *Aleph 22 System Librarian's Guide - Web OPAC*.

Implementation Notes

Implement the following setup in `www_server.conf`:

```
setenv patron_notice_delinq      Y
setenv patron_notice_cash       Y
setenv patron_notice_overdue    Y
setenv patron_expiry_alert      020
```

