

## Primo VE 2020 Release Notes

Click [here](#) to view the monthly release and maintenance schedules.

### February Sneak Peek

- **Improved User Experience in Mobile Device** – Provides patrons a better experience when searching, navigating, and applying actions in Primo VE using mobile devices.
- **Improved Format of Saved Search Alert Emails** – Libraries can now customize the format of the emails sent to users for saved search alerts.

### Upcoming Issues to Note

#### OBI Upgrade and Data Visualization (DV)

Ex Libris is upgrading the Analytics platform from version 11 to 12 of OBIEE. As part of this upgrade, the Data Visualization tool is also being added, which adds great value to the analytics platform. To learn more about both OBI 12 and Data Visualization and how DV interacts with Primo, see [Data Visualization \(DV\) and OBI 12](#). Please note that Data Visualization (DV) will be deployed in 'Preview Mode', meaning it is available for testing and evaluation but is not yet intended for full production use. We will continue to update you on plans for the general release of Data Visualization (DV) later in 2020.

As of December 2019, OBI 12 for Analytics and DV is being used by 14 institutions as early adopters. In March 2020, both OBI 12 and DV will be available to all NA institutions, and during May 2020 to all other institutions. As part of the OBI upgrade from v11 to v12, institutional reports will be migrated. During the migration (a week as per the following schedule) it will not be possible to create new reports that will be migrated to OBI12. This is referred to as the "freeze period."

Data Center	Step	Date
Chicago Data Center (NA01, NA02, NA03, NA91)	Migration of OBI11 reports to OBI12 (freeze period)	February 22-28
	OBI12 Go Live	March 1
All other Data Centers	Migration of OBI11 reports to OBI12 (freeze period)	May 2 -8
	OBI12 Go Live	May 10 (Release Update)

For more information, visit the [FAQ](#) page.

### March Sneak Peek

- Quick Access - Embedded Alma Digital Viewer in the Full Display
- View It from Other Institutions

- Improved Email Template for Send To Email Actions
  - Enhance Custom Search Scope with Course Code
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Please note that the originally scheduled release of OBI 12 and Data Visualization has been amended. For more details, see [Data Visualization \(DV\) and OBI 12](#).

For additional information, visit the [FAQ](#) page.

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### May Sneak Peek

The April release is a maintenance release and does not include any new features or enhancements. The following features are scheduled for the May release:

- Configure the FRBR Preferred Record (NERS)
  - Improved the Behavior of Sticky Facets (NERS)
  - Additional Send To Actions - Export to Mendeley
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### June Sneak Peek

- View It at other campuses
  - Open Access indication and facets for locally managed records
  - Support Configuration of the Preferred Record for DEDUP
- 

### July Sneak Peek

- Consortia Management Enhancement – Allow consortia to centrally manage local fields.
  - Enhanced Reload Workflow - Recalculate external data source without needing to reload from source.
  - Enhanced Purchase Request Form - Provide indications to users when the library already holds the requested item.
  - Search Webhook - Utilize Webhook API standard for searching external indexes.
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## Upcoming Issues to Note

## Upgrade to OAS (Oracle Analytics Server) and DV (Data Visualization)

As part of the platform upgrade, the OBI that Primo VE Analytics uses is being upgraded to OAS (Oracle Analytics Server), which includes DV (Data Visualization). As many in the Ex Libris community are aware, the original plan was to upgrade to OBI 12. However, on January 31, 2020, Oracle will replace OBI 12 with OAS (Oracle Analytics Server). To read the OAS Upgrade Q&A, click [here](#).

The following table details the rollout plan for the OAS:

Environment	Freeze Start Date	OAS Go-Live Date
EU03	June 17	June 21
NA02	July 13	July 19
NA03	July 13	July 26 (updated from 22.7)
NA01	July 13	July 26
CA01, AP01	August 23	August 30
CN01, NA91	August 30	September 6
EU00, EU01, EU02	October 11	October 18
NA04, NA05, NA06	November 1	November 8

You may need to take certain steps prior to migration. See [Ensuring Reports are Migrated](#).

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## August Sneak Peek

- Local field improvements:
  - Increase the maximum number of local fields to 100.
  - Allow consortia to define central local fields.
- Configuring local resource types - Add more conditions to allow the resource type to be determined by multiple fields.
- Enhance the Discovery Import Profile to include external resources that are considered as physical items.
- Enhance Purchase Request Form - Add indication when library already holds the item being requested.

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## September Sneak Peek

- My Library Card - User Activity Indicator for Consortia – Allows users to see which institutions have loan activity.
- Improve the display of Alma Digital Special Representations in Primo VE – Allows users to filter representations by year and issue.
- Easy Selection of recently used search scopes – Allow users to quickly navigate to their last used scopes.

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## November Sneak Peek

- Extend Physical Availability Status 'Not Available' in brief results – allow users to get more details "Not Available" e.g. Lost ..
- Consortia management – Boost My Institution

The October release is a maintenance release.

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You may need to take certain steps prior to migration. See [Ensuring Reports are Migrated](#).

## Color Contrast Improvements for Accessibility

As part of our ongoing commitment to improve accessibility, we have improved the contrast of font, button, and background colors. If you have made customizations to font, button, or background colors, please make sure to adjust accordingly, noting that our changes were made to match the expected contrast ratio. More details can be found [here](#).

For more details, see [Color Contrast Improvements for Accessibility](#).

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## December Sneak Peek

- QR code – Allows users to share or promote Primo VE pages using a QR code.
- Enhanced Resource Recommender – Add option to configure Resource Recommender at the view level.

- Real-Time Descriptions for Items in Resource Sharing Requests.
- Enhanced Dedup and FRBR Test Utility with an option to recalculate the groups.

## January 2021 Sneak Peek

- Allow configuration of scopes for other institution's locations
- Hide Resource Sharing button based on location
- Improve the Summary Holding Display in Get It
- Support localized links in the Main Menu

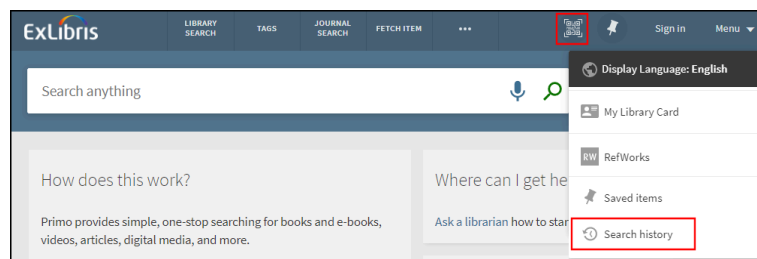
## Features

### Utilize Mobile Device Capabilities – QR Code as a Link to Primo Pages

#### December 2020

The QR Code link has been added to Primo VE's Main Menu to allow staff and users to share Primo VE pages quickly with other users using a QR code. For example, this may be useful in the following cases:

- Instructors can create a search results set of relevant materials for a course and include the page's QR code in a slide presentation.
- Reference librarians can find materials on their workstations for users and share the queries and records quickly by allowing users to scan the QR codes with their mobile phones.
- Libraries can market a special collection by putting the collection's QR code on their Web page, poster, and so forth.

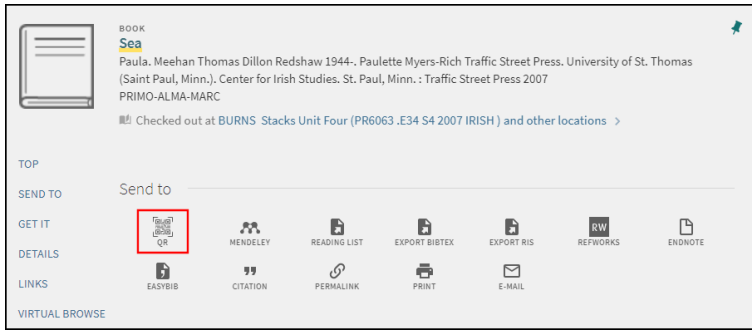


#### New QR Code Link on the Main Menu

#### Note

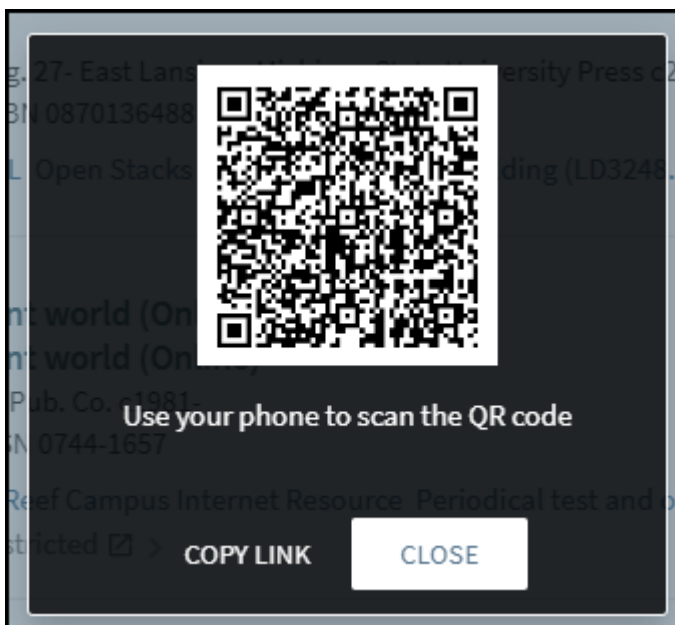
The new QR Code link is replacing the Search History link on the Main Menu bar, but the Search History link will still be accessible from the Main Menu drop-down list.

If enabled, users can also get a record's QR code by selecting the QR send-to action in the brief and full display of a record.



### QR Action on Full Display Page

Selecting a QR Code link displays the page's QR code, allowing users to either copy the page's permalink to the clipboard or use their mobile device to scan the QR code. In addition, you can use your browser to save an image of the QR code to a file.



### QR Code Dialog Box

## Configuration Options

The following table lists the configuration options associated with this functionality.

Element	Description
General tab on View Configuration page	The QR code in the Main Menu is enabled by default. To disable it, clear the <b>Enable QR On Top</b> option on the General tab and save your changes. For more details, see <a href="#">Configuring Discovery Views for Primo VE</a> .
Brief Record Display tab on View Configuration page	The send-to action for the QR code on the Full Display page is disabled by default. To enable it, enable the row containing the <b>QR</b> code. As with other actions, you can specify its order by using the Up/Down arrows to move the action to its position.

Element	Description
User Tile Labels code table	<p>The following codes were added to support the customization and translation of the labels in the QR dialog box:</p> <ul style="list-style-type: none"> <li><code>general.QRTooltip</code>: <b>Use QR code or copy link</b></li> <li><code>general.QRCopyLink</code>: <b>Copy link</b></li> <li><code>general.QRScanCode</code>: <b>Use your phone to scan the QR code</b></li> <li><code>general.QRCopyLinkText</code>: <b>Link was copied</b></li> </ul>
Keeping This Item Tile Labels code table	<p>The following code was added to support the customization and translation of the label for the new send-to action:</p> <ul style="list-style-type: none"> <li><code>fulldisplay.command.pushto.option.qr</code>: <b>QR</b></li> </ul>

## Analytics - QR Actions

To support this functionality, the following actions have been added to the Action Usage subject area:

Group	Subgroup	Action	Description
General	General	Click on the QR link	User selected the QR link to get the page's permalink.
Document	Actions	Click on the QR action from full record display	User selected the QR send-to action on a record's full display.

## Support Resource Recommender Configuration per View

### December 2020

Previously, resource recommendations were applied to all views. With this enhancement, you can now define resource recommendations for all or specific views. For more details, see [Resource Recommender for Primo VE](#).

### Configuration Options

To support this functionality, the **Views** field has been added to the Add Resource and Edit Resource dialog boxes. The default option is **All**, which indicates that this recommendation applies to all views. If you want this recommendation to apply to specific views, remove the **All** option and specify the views to which you want this recommendation to apply.

### Add Resource

Key \*

Name \*

Description

Tags \*

Link

Link text

Image URL

Note

Views \* All

Add Close Add and Close

#### Add Resource Dialog Box

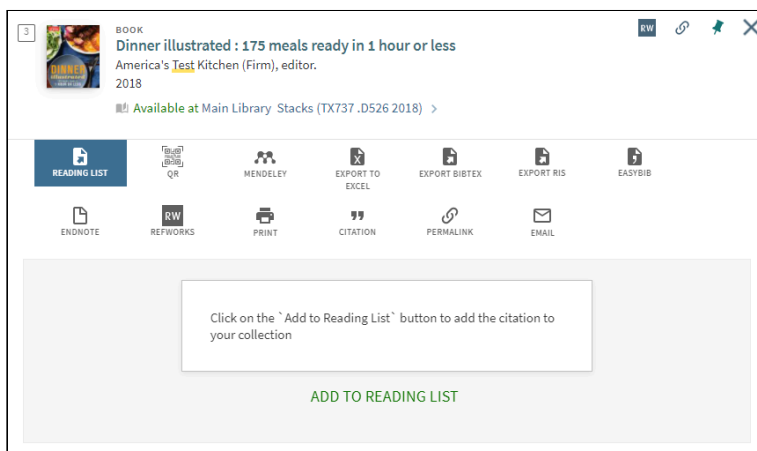
## New Action to Export to Leganto Reading List

### December 2020

The new Reading List action allows users to export an individual record or selected records in bulk to Leganto. This action is supported from both the brief and full displays, My Library Card > Loans and Requests, and My Favorites > Saved Records.

Depending on the type of user, the export is performed as follows:

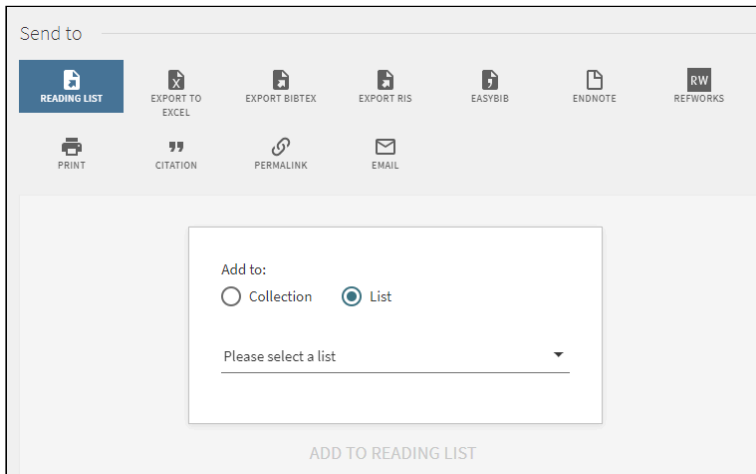
- For students, click **ADD TO READING LIST** In the Action's dialog box to export the record's citation:



#### Reading List Action's Dialog Box for Students

- For instructors, specify the following fields and then click **ADD TO READING LIST** to export the record's citation.
  - Add to** - Select either **Collection** (personal reading list) or **List** (class reading list).
  - Select list** - If you selected the **List** option, select one of your class reading lists from the drop-down list.

- **Select section** - If the selected reading list has sections, select a section from the drop-down list.



**Reading List Action's Dialog Box for Instructors**

## Configuration Options

This action is disabled by default. For information on how to enable this action and to customize or translate any labels associated with this action, see the following table.

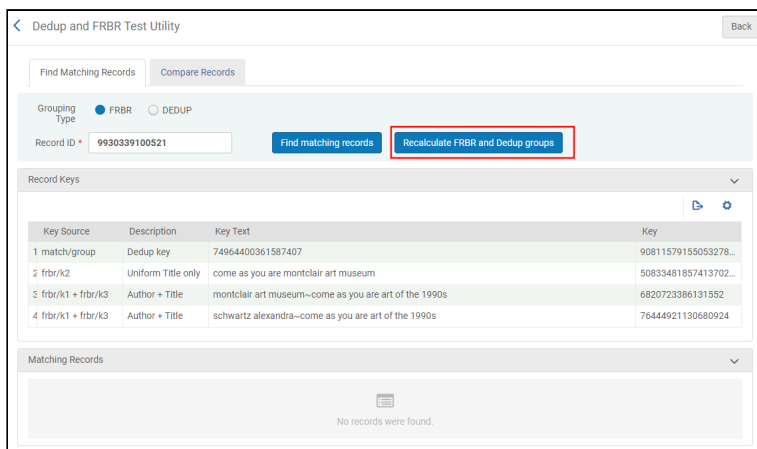
Element	Description
Brief Record Display tab in View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	To enable the Reading List action, activate the Leganto code In the Record Actions section. For more information, see <a href="#">Configuring Actions on the Display Pages</a> .
Keeping This Item Tile Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	<p>The following codes were added to support the labels and messages associated with this action:</p> <ul style="list-style-type: none"> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.getLists.error</code>: The system could not get your reading lists</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.citationAdded.error</code>: The citation could not be added to your reading list</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.list.select</code>: Please select a list</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.collection</code>: Collection</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.signInMessage</code>: Sign in to add your citation to a reading list</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.noLists</code>: Click on the 'Add to Reading List' button to add the citation to your collection</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.list.vocal</code>: Additional dropdown with sections will appear right after selecting the requested list</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.pushToText</code>: Add to</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.list</code>: List</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.add</code>: Add to Reading List</li> <li>• <code>fulldisplay.command.pushto.option.LegantoPushTo.select</code>: Please select a section</li> <li>• <code>fulldisplay.command.pushto.option.Leganto</code>: Reading List</li> </ul>

Element	Description
	<ul style="list-style-type: none"> <li>fulldisplay.command.pushTo.option.LegantoPushTo.section.notExists: The list has no sections</li> </ul>

## Enhance DEDUP and FRBR Test Utility

### December 2020

After making changes to a record's metadata, the FRBR and Dedup groups may need to be recalculated. With this enhancement, you can now use the Dedup and FRBR Test Utility page ([Configuration Menu > Discovery > Other > Dedup and FRBR Test Utility](#)) to recalculate FRBR and Dedup groups. For more information, see [Recalculate Dedup and FRBR Groups](#).



Dedup and FRBR Test Utility

Find Matching Records Compare Records

Grouping Type  FRBR  DEDUP

Record ID \* 9930339100521 Find matching records Recalculate FRBR and Dedup groups

Record Keys

Key Source	Description	Key Text	Key
1 match/group	Dedup key	74964400361587407	90811579155053278...
2 fbr/k2	Uniform Title only	come as you are montclair art museum	50833481857413702...
3 fbr/k1 + fbr/k3	Author + Title	montclair art museum--come as you are art of the 1990s	6820723386131552
4 fbr/k1 + fbr/k3	Author + Title	schwartz alexandra--come as you are art of the 1990s	76444921130680924

Matching Records

No records were found.

### Dedup and FRRB Test Utility

#### To recalculate a record's FRBR and Dedup groups:

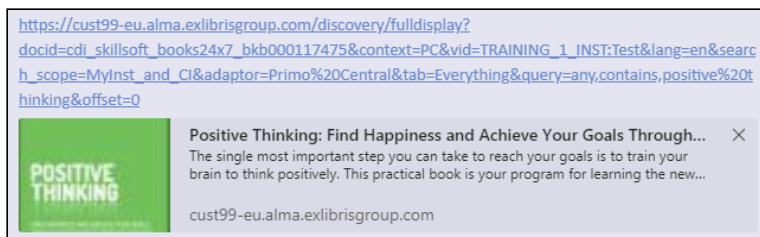
1. On the Dedup and FRBR Test Utility page, enter the modified record's ID.
2. Select **Find matching records**.
3. Select **Recalculate FRBR and Dedup groups**.

## Search Engine Optimization: Add Metadata Tags to Improve Visibility on the Web

### December 2020

To improve the visibility of Primo VE sites on the Web, we added support for the following open graph meta tags (which are part of Facebook's Open Graph Protocol) in Primo VE pages to control how their URLs are displayed when shared with social media sites: **og:title**, **og:description**, **og:url**, **og:type**, and **og:image**. For example:

```
<meta id="ogTitle" property="og:title" content=""><meta id="ogDescription"
property="og:description" content=""><meta id="ogImage" property="og:image"
content=""><meta id="ogType" property="og:type" content="website"><meta id="ogURL"
property="og:url" content="">
```



## Display of a Primo VE Record in Microsoft Teams

### Note

This functionality is supported only for the full view of a record and not for any other Primo VE page.

## Real-Time Descriptions for Items in Resource Sharing Requests

### December 2020

When performing resource sharing requests, this enhancement allows users to see real-time item descriptions in the Resource Sharing Request Form and to request a specific item based on its description.

When the Resource Sharing Request Form is opened for a record and the **Description** field is enabled, the system displays a message and a spinner indicator to let users know that it is checking for item-level descriptions, which are loaded into the **Description** drop-down field. If descriptions are found, users may select an item description when placing a request. If no descriptions are available, the system will return a message to let users know that the material cannot be requested at the item level.

### Item-Level Descriptions on the Resource Sharing Request Form

## Configuration Options

This feature is not enabled by default. You will need to make the Description field visible in the Book and Article Request sections on the Resource Sharing Form Customization page ([Configuration Menu > Discovery > GetIt Configuration > Resource Sharing Request](#)). For more information, see [Customizing Resource Sharing Request Forms for Primo VE](#).

In addition, the following codes were added to the Resource Sharing Labels code table to allow the customization and translation of the labels used for this functionality:

- `almaResourceSharing.description: Description`

- almaResourceSharing.checkDescription: **Checking for items level description**
- almaResourceSharing.descriptionNotFound: **No item level descriptions were found**

## TEMP Variables in Normalization Rules for External Data Sources

December 2020

For external data sources, the TEMP"i" variable is now supported in your general XML and DC normalization rules. After copying metadata to the TEMP variable, you can use transformations (such as **add prefix** and **concatenate with delimiter**) to manipulate the data before saving the transformed data to a field. For more information, see [Configuring Normalization Rules for External Resources](#).

```
# DC Example:
rule "Transform identifier"
  when
    exist "dc"."identifier"
  then
    set TEMP"1" to dc value "dc"."identifier"("dcterms:URI")
    set TEMP"2" to dc value "dc"."identifier"("dcterms:ISSN")
    concatenate with delimiter (TEMP"1",TEMP"2"," | ")
    set "dc"."identifier"("dcterms:ISBN") to TEMP"1"
  end
```

### TEMP Variable Example

## Central Index Templates Configuration Table

December 2020

Previously, the configuration of the Central Index linking templates (such as for Naxos and Infobase) was performed with the Discovery Customer Parameters mapping table. With this release, your linking templates will be moved to the new Custom linking for Central Index databases mapping table, which is now used to manage all of your Central Index linking templates. Multiple templates per code are permitted if configuring separate templates per campus.

Enabled	parameter key	parameter value	free text description	campus code	Updated By	Last Updated
<input checked="" type="checkbox"/>	psychotherapymet_video_links	http://www.psychothera	Template for Psychothe		-	-
<input checked="" type="checkbox"/>	naxos_video	http://INSTITUTIONID.ni	Template for Naxos Vide		-	-
<input checked="" type="checkbox"/>	naxos_spoken_word	http://INSTITUTIONID.ni	Template for Naxos Spo		-	-
<input checked="" type="checkbox"/>	naxos_jazz_library	http://INSTITUTIONID.ni	Template for Naxos Jaz		-	-
<input checked="" type="checkbox"/>	naxos_music_library	http://INSTITUTIONID.ni	Template for Naxos Mus		-	-
<input checked="" type="checkbox"/>	moazine_linking	http://di.moazine.com/v	Authentication template		-	-
<input checked="" type="checkbox"/>	infobase_linking	http://avod.infobase.cor	Template for Infobase		-	-
<input checked="" type="checkbox"/>	gale_linking	http://link.galegroup.cor	Template for Gale for PC		-	-
<input checked="" type="checkbox"/>	editions_eni_linking	%SITE_CLIENT%/?libran	Authentication template		-	-
<input checked="" type="checkbox"/>	nichigai_linking	https://web.nichigai.jp/n	Template for Nichigai Ar		-	-

### Custom Linking for Central Index Databases

For more details, see [Configuring the Central Index Linking Templates for Primo VE](#).

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# Support Translation of Specific Subfields in Creator and Contributor Display Fields

December 2020

Primo VE now allows you to translate all or specific subfields from the Creator and Contributor display fields.

When the new **Use Translation** option is selected for the Creator and Contributor fields on the Define a Display Field page (**Configuration Menu > Discovery > Display Configuration > Manage display and local fields**), Primo VE will use the union of all subfield values to match codes defined in the Local Field Translate code table to return a translation. For example, if a source record includes the MARC field **100 \$aLAN \$bINT \$cBIO**, all subfield values **"LAN INT BIO"** are merged and used to match a single value in this code table.

If you want to match specific subfield values (not all), you will need to add the **append translation** command to the drools routines defined for the Display field. In the following example, only the union of the values from subfields \$b and \$c will be compared against this code table to return a translation:

```
rule "Primo VE Display - Creator 100"  
  when  
    MARC."100" has any "a,b,c"  
  then  
    set pnx."display"."creator" to MARC "100" subfields "a,b,c" append  
    translation "b,c"  
  end
```

## Creator Normalization Rule - Match Specific Subfields

For more information, see [Configuring Translations for Display and Facet Values](#).

## Configuration Options

The new **Use Translations** option has been added only to the Creator and Contributor fields on the Define a Display Field page (**Configuration Menu > Discovery > Display Configuration > Manage display and local fields**) for MARC21 and UNIMARC formats. For more information, see [Modifying the Normalization Rules for a Display Field](#).

The screenshot shows the 'Define a display Field' configuration page. At the top, the 'Field to edit' is 'Creator'. The 'Use Translations' checkbox is checked and highlighted with a red box. Below this, there are two sections for normalization rules: 'MARC21 Normalization Rules' and 'UNIMARC Normalization Rules'. Each section contains a table with columns for 'Normalization rule', 'Updated by', and 'Updated date'. The first row in each table is '1' followed by the respective normalization rule name, a hyphen, and another hyphen. There are also icons for refresh and settings next to each section header.

## Use Translations Option

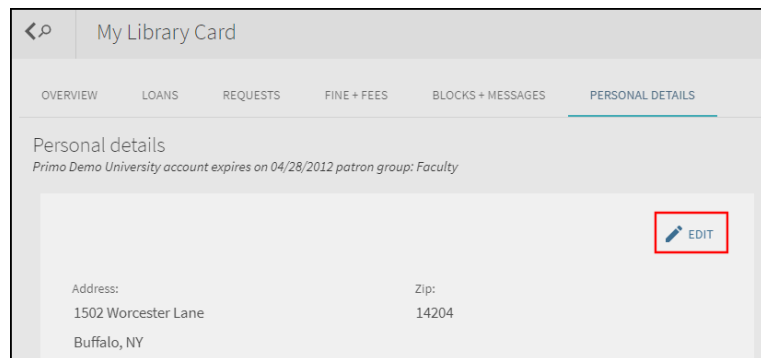
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# My Library Card: Disable Edit Option in Personal Details

December 2020

In many cases, borrower information comes directly from corporate systems and cannot be modified from within Primo VE.

With this enhancement, the Edit option can now be hidden on the Personal Details tab in My Library Card since changes in Primo VE would have no effect in the corporate system.



#### Edit Button Enabled in My Library Card - Default Setting

## Configuration Options

The Edit button on the Personal Details tab in My Library Card is displayed out of the box. To hide the Edit button, clear the **Enable Edit My Library Card** check box on General tab of your view ([Configuration Menu > Discovery > Display Configuration > Configure Views](#)) and save your changes to the tab.

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## Ongoing Accessibility Improvements (December)

### December 2020

As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have consulted with an external accessibility company, resolved many issues this release, and are expected to resolve more issues in the upcoming releases. To help track these improvements, you can review the attached list of [Resolved Accessibility Issues](#).

For this release, some of the many improvements include the following:

Angular Materials was upgraded from version 1.1.0-rc.5 to 1.1.22 to resolve critical accessibility issues, such as keyboard traps in the Primo Send-To Actions. As part of this upgrade, out-of-the-box changes were made to the user experience and behavior of some components in the Primo VE UI, for example:

- Modified the appearance of drop-downs when focus is placed on them.
- Changed the keyboard navigation for Send-To action components and the Main Menu.

For more details about these changes, see [Primo November 2020 Release Changelog](#).

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## Broaden Availability Status in Brief Results

### November 2020

Previously, the following availability statuses were displayed to end users in the brief display of each record in the search results: **Available**, **Not Available**, and **Check Holdings**. The **Not Available** status appeared for any record that was not available and did not provide enough information regarding the status of the record. With this enhancement, the statuses such as the following will replace the **Not Available** status when this functionality is enabled: **Not available - Loan**, **Not available - Requested**, and **Not available - Lost**.



## Enhanced Availability Status in Brief Results

### Note

When this functionality is enabled, the enhanced availability statuses appear only when a single-item record is not available. Otherwise, the general status **Not available** will be displayed.

## Configuration Options

This functionality is disabled by default. The following table lists the configuration options supported by this functionality.

Element	Description
Discovery Customer Settings page ( <a href="#">Configuration Menu &gt; Discovery &gt; Other &gt; Customer Settings</a> )	When set to <b>true</b> , the new <b>broaden_availability_status</b> parameter allows you to display the enhanced availability statuses when a single-item record is not available.
Calculated Availability Text Labels ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	<p>The following codes have been added to support the various reasons that a record may not be available:</p> <ul style="list-style-type: none"> <li><code>delivery.code.Acquisition</code>: <b>Not available - Acquisition</b></li> <li><code>delivery.code.ClaimedReturned</code>: <b>Not available - Claimed Returned</b></li> <li><code>delivery.code.HoldShelf</code>: <b>Not available - Hold Shelf</b></li> <li><code>delivery.code.Loan</code>: <b>Not available - Loan</b></li> <li><code>delivery.code.Lost</code>: <b>Not available - Lost</b></li> <li><code>delivery.code.InProcess</code>: <b>Not available - In Process</b></li> <li><code>delivery.code.Missing</code>: <b>Not available - Missing</b></li> <li><code>delivery.code.ResourceSharingRequest</code>: <b>Not available - Resource Sharing Request</b></li> <li><code>delivery.code.TechnicalMigration</code>: <b>Not available - Technical - Migration</b></li> <li><code>delivery.code.Transit</code>: <b>Not available - Transit</b></li> <li><code>delivery.code.Requested</code>: <b>Not available - Requested</b></li> </ul>

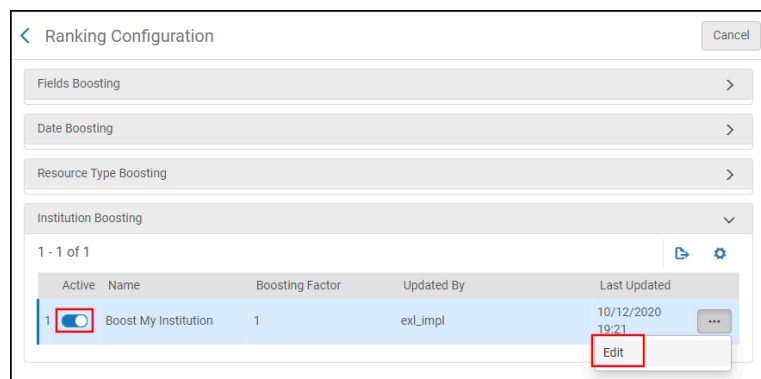
## Boost My Institution

### November 2020

This enhancement allows an institution in a consortium to boost its search results over results from other member institutions. By default, no boost is applied to your institution, which means that results from your institution will receive the same relevance ranking as results from other institutions.

## Configuration Options

The **Boost My Institution** option has been added to the new Institution Boosting section on the Ranking Configuration page ([Configuration Menu > Discovery > Search Configuration > Ranking Configuration](#)). When the **Boosting Factor** for this option is set to a number greater than 1, a positive boost is applied to your institution's records. A negative boost is applied by specifying a decimal value between 0 and 1. For more information, see [Configuring the Ranking of Search Results in Primo VE](#).



### Ranking Configuration Page

## General Hold Request Form Enhancements

### November 2020

The following fields are now available in the Hold Request and Digitization Request forms configuration tables, and can be added to the General Hold/ Request Another Issue and the General Digitization / Digitize Another Issue requests in Primo (for holdings with no items or serial holdings):

- Volume
- Issue
- Part
- Chapter
- Publication date
- Chapter/Article Title
- Chapter/Article Author
- Start Page
- End Page

If metadata exists, the fields are automatically populated, as is done in the Resource Sharing form.

To use these fields, they must be activated on the Hold Request / Digitization Request Form Customization pages.

The request APIs functionality remain unchanged. All description fields are sent as part of the manual description parameter.

---

## Note

The new description fields will be added to the manual description in Alma to allow them to appear in pick from shelf, requests slips, and so forth to maintain all current workflows.

---

See [Configuring Request Forms for Primo VE](#).

## Configuration Options

The new fields on the request forms are disabled by default. The following table lists the configuration options associated with this functionality.

Element	Description
Request (Hold and Booking) Optional Parameters mapping table	For each new field that you want to display in the physical request forms, set the <b>Display to Public</b> field to <b>Yes</b> .
Digitization Optional Parameters mapping table	For each new field that you want to display in the digitization request forms, set the <b>Display to Public</b> field to <b>Yes</b> .
Digitization Labels code table	The following codes have been added to support the labels associated with this functionality: <ul style="list-style-type: none"><li>• <code>almaDigitization.volume</code>: <b>Volume</b></li><li>• <code>almaDigitization.issue</code>: <b>Issue</b></li><li>• <code>almaDigitization.part</code>: <b>Part</b></li><li>• <code>almaDigitization.publicationDate</code>: <b>Publication Date</b></li></ul>
Request Labels code table	The following codes have been added to support the labels and error messages associated with this functionality: <code>almaRequest.chapterArticleTitle</code> : <b>Chapter/Article Title</b> <code>almaRequest.chapterArticleAuthor</code> : <b>Chapter/Article Author</b> <code>almaRequest.volume</code> : <b>Volume</b> <code>almaRequest.issue</code> : <b>Issue</b> <code>almaRequest.part</code> : <b>Part</b> <code>almaRequest.publicationDate</code> : <b>Publication date</b> <code>almaRequest.mandatory_manual_description_or_alternative_fields</code> : <b>Please fill in at least one of the following fields: {0}</b>

---

## Indication for Bound-With Relations (Not Related Intellectually)

November 2020

Previously, the following types of bound-with records (which are linked using the MARC 773/774 linking fields) were displayed identically as **Is Part Of/Related titles** in the record's full display:

- Related - The bound-with records are related intellectually with each other. For example:

The physical title **Prayer Book** is bound with physical title **Readings from the Holy Scriptures**.

- Unrelated - The bound-with records are not related intellectually with each other. For example:

The physical title **Prayer Book** is bound with physical title **The first edition of Agatha Christie Murder on the Orient Express**.

In the following example, the 773 field is added to the constituent record to link the records in the Full Display:

- **Constituent record** - 773 0# \$\$i Bound with \$\$t To kill a mockingbird. \$\$w (DLC)2088:

The screenshot shows a library record for "Harry Potter and the sorcerer's stone" by Rowling, J. K.; GrandPré, Mary, ill., published in 1998. It is bound with "To kill a mockingbird". The record is available at the Main Library Stacks (PZ7.R79835 Har 1998) and other locations. The "LOCATIONS" section shows the Main Library. The "LOCATIONS FOR RELATED TITLES" section shows the Law Library with a link to "RELATED TITLE: To kill a mockingbird". The "Details" section shows the title, creator, and a link to "Is Part Of" bound with "To kill a mockingbird".

#### Is Part Of and Related Title Labels on Linking Record

- **Host record:**

BOOK  
**To kill a mockingbird**  
 Lee, Harper.  
 c1960  
 Available at Law Library Stacks (PZ4.L4778 To) >

Get It

< BACK TO LOCATIONS

LOCATION ITEMS

Law Library  
 Available, Stacks PZ4.L4778 To  
 (1 copy, 1 available, 0 requests)

Item in place      Law Library Stacks PZ4.L4778 To  
 Loanable Law Library Stacks

Details

Title      To kill a mockingbird  
 Creator      Lee, Harper. >  
 Subject      Fathers and daughters -- Alabama -- Fiction >  
               Trials (Rape) -- Alabama -- Fiction >  
               Lawyers -- Alabama -- Fiction >  
               Alabama -- Race relations -- Fiction >  
               Bildungsromane >  
 Genre      Fathers and daughters Alabama Fiction.  
               Trials (Rape) Alabama Fiction.  
               Lawyers Alabama Fiction.  
 Related titles      Units : Harry Potter and the sorcerer's stone >  
 Publisher      Philadelphia : Lippincott, c1960.


**Related Titles Label on Linked Record**

With this enhancement, you can provide a separate display indication called **Bound with** for records that are not related intellectually by setting the \$\$\$9 subfield to **unrelated** in the 773/774 linking field. For example:

- **Constituent record** - 773 0# \$\$i Bound with \$\$t To kill a mockingbird. \$\$w (DLC)2088 \$\$9 unrelated:

BOOK  
**Harry Potter and the sorcerer's stone**  
 Rowling, J. K.; GrandPré, Mary, ill.  
 1998  
 Available at Main Library Stacks (PZ7.R79835 Har 1998) and other locations >

Get It

LOCATIONS 

Main Library  
 Available, Stacks ; PZ7.R79835 Har 1998 >

LOCATIONS FOR RELATED TITLES

Law Library  
 → BOUND WITH: *To kill a mockingbird* >  
 Available, Stacks ; PZ4.L4778 To

Details

Title Harry Potter and the sorcerer's stone  
 Creator Rowling, J. K. >  
 GrandPré, Mary, ill. >  
 Subject Hogwarts School of Witchcraft and Wizardry (Imaginary place) >  
 Wizards >  
 Magic >  
 Schools >  
 England >

Bound with Bound with *To kill a mockingbird.* >

### Bound With Labels on Linking Record


- **Host record:**


BOOK  
**To kill a mockingbird**  
 Lee, Harper.  
 c1960  
 Available at Law Library Stacks (PZ4.L4778 To) >

Get It

< BACK TO LOCATIONS

LOCATION ITEMS

Law Library  
 Available, Stacks PZ4.L4778 To  
 (1 copy, 1 available, 0 requests) 

Item in place Law Library Stacks PZ4.L4778 To  
 Loanable Law Library Stacks 

Details

Title To kill a mockingbird  
 Creator Lee, Harper. >  
 Subject Fathers and daughters -- Alabama -- Fiction >  
 Trials (Rape) -- Alabama -- Fiction >  
 Lawyers -- Alabama -- Fiction >  
 Alabama -- Race relations -- Fiction >  
 Bildungsromane >  
 Genre Fathers and daughters Alabama Fiction.  
 Trials (Rape) Alabama Fiction.  
 Lawyers Alabama Fiction.

Bound with Units : Harry Potter and the sorcerer's stone >

### Bound With Label on Linked Record

## Configuration Options

The following table lists the configuration options associated with this functionality.

Element	Description
Metadata Editor in Alma	To replace the <b>Is Part Of</b> and <b>Related Titles</b> labels with the <b>Bound with</b> label in record's full display, add the <b>\$\$9 unrelated</b> subfield to the 773 and 774 linking fields.
View Configuration Page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	The <b>Bound with</b> field has been added to the Details code on the Full Record Services tab.
Full Display Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	The following code has been added to support the Bound with label in the Details section on the Full Display page:  <code>fulldisplay.boundwith: <b>Bound with</b></code>
Get It Service Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	The following code has been added to support the related titles on the Full Display page:  <code>nui.location.unrelated_title: <b>Bound with</b></code>

---

## Lookup and Select Option on Request Forms

### November 2020

For consortia with at least seven member institutions, the **Other Institutions** drop-down list will be added to the top of each request form to allow users to request material from another member institution in the consortium.

Request Type  Book  Article

Title  
 \* History. \_\_\_\_\_

Volume(s)/Chapter/Pages \_\_\_\_\_

Format  Borrow  Chapter/Article

Look up or select institution

- American University
- American University Washington College of Law Library
- Catholic University of America
- University of the District of Columbia

Not needed after  
 Pickup Date ▼

Comment \_\_\_\_\_

Willing To Pay

RESET FORM

SEND REQUEST

### New Other Institutions Drop-Down List

## Configuration Options

This functionality is enabled by default for consortia. The following table lists additional configuration options to support this functionality.

Code Table	Description
Request Labels	<p>The following codes were added to support the new display labels for this enhancement:</p> <ul style="list-style-type: none"> <li>• <code>nui.request.lookUpInstitution</code>: <b>Look up or select institution</b></li> <li>• <code>nui.request.lookUpLocation</code>: <b>Look up or select location</b></li> </ul>
Aria Labels	<p>The following codes were added to support accessibility labels for this enhancement:</p> <ul style="list-style-type: none"> <li>• <code>nui.aria.lookUpInstitution</code>: <b>Look up or select institution</b></li> <li>• <code>nui.aria.lookUpLocation</code>: <b>Look up or select location</b></li> </ul>

## Chat with Support

November 2020

This enhancement allows staff users who have chat permissions to chat with our Support team regarding the following types of Primo VE issues directly from within the Alma management interface:

- Simple how-to questions and configurations
- Behavior and general inquiries
- Known issues

For more details, see [FAQ](#).

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### Note

Beginning on November 1, 2020, this functionality will be available only for Primo VE institutions that have gone live with Primo VE on European Alma instances. For all other Alma instances, this functionality will be rolled out gradually.

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For users who have chat permissions (see [Configuration Options](#)), the Chat icon will appear in Alma's persistent menu. To begin a chat session, select the **Chat** icon in your Alma Production environment:



### Chat Icon in Alma's Persistent Menu

## Configuration Options

This functionality is disabled by default. Only staff users who have been assigned the **Chat with Support** role will be permitted to open a chat session with our Support team. For more details, see [Managing User Roles](#).

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## Ongoing Accessibility Improvements (November)

### November 2020

As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have consulted with an external accessibility company, resolved many issues this release, and are expected to resolve more issues in the upcoming releases. To help track these improvements, you can review the attached list of [Resolved Accessibility Issues](#).

Specifically for this release, we have improved the contrast of font, button, and background colors. If you have made any related customizations, please make sure to adjust accordingly, noting that our changes were made to match the expected contrast ratio. More details can be found [here](#).

For more details, see [Color Contrast Improvements for Accessibility](#).

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## My Library Card - Has Activity Filter and Indicator for Consortia

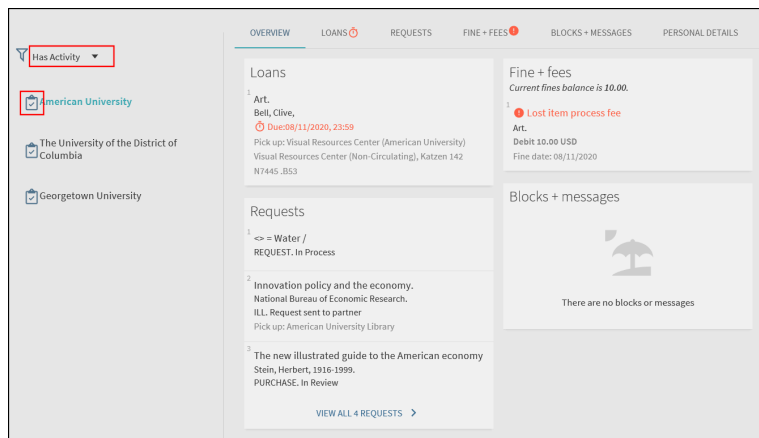
### September 2020

For consortia in which patrons have the ability to perform fulfillment activities (such as place holds) in a number of member institutions, this enhancement allows users to filter the institution list in My Library Card based on whether the user has active fulfillment statuses and messages at an institution. To support this functionality, the following changes were made in My Library Card:

- An Institution filter has been added above the list of member institutions. Users have the ability to select one of the

following options:

- **Has Activity** – When selected, it will display only the institutions for which the user has active fulfillment status.
  - **All Institutions** – When selected, it will display all institutions supported by the consortium.
- A new **Has Activity** indicator is placed before all institutions in the list that have active fulfillment statuses and messages.



### Has Activity Filter and Indicators in My Library Card

## Configuration Options

This capability is enabled out of the box. The following table lists the configuration settings that are associated with this functionality.

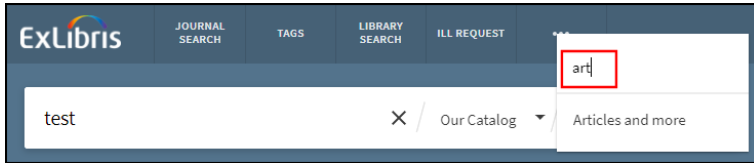
Option	Description
Library Card Labels code table	<p>The following code were added to allow customization and translation of the labels associated with the Institution filter in My Library Card:</p> <ul style="list-style-type: none"> <li>• <code>nui.overview.allInstitutionsFilter: <b>All Institutions</b></code></li> <li>• <code>nui.overview.hasActivityFilter: <b>Has Activity</b></code></li> <li>• <code>nui.overview.hasActivityTooltip: <b>Has activity</b></code></li> </ul>
aria Labels code table	<p>The following codes was added to support accessibility for this functionality:</p> <ul style="list-style-type: none"> <li>• <code>nui.aria.library.filter.allInstitutions: <b>View all institutions</b></code></li> <li>• <code>nui.aria.library.filter.onlyWithActivityInstitutions: <b>View only institutions with activity</b></code></li> <li>• <code>nui.aria.library.filter.institutionFilterDescription: <b>Choose from the drop-down list which institutions to view</b></code></li> <li>• <code>nui.aria.library.hasActivity: <b>{institution_name} - Has activity</b></code></li> </ul>

# Enhanced Personalization - Easy Selection of Recently Used Search Scopes

September 2020

The Search Profile drop-down list for basic searches has been modified as follows to allow users to find search profiles quickly or to reuse recently selected search profiles:

- The **Look-up or select** prompt has been added to the top of the Search Profile drop-down list (not the Slot drop-down list). As users begin typing characters at the prompt, matching scopes will appear in the lower portion of the box for selection, allowing users to select these search profiles without having to scroll through a large list.

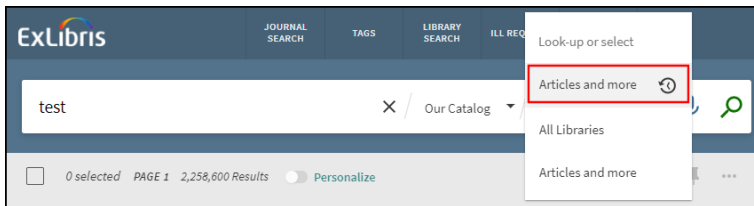


## Scope Lookup

- The last three search profiles that were recently used in a search appear just below the **Look-up or select** prompt and are indicated by the Recent icon



. For signed-in users only, the search profiles for each search slot are retained between sessions.



## Recently Used Scopes

### Note

When enabled, this functionality appears only for slots that have more than one search profile assigned to them.

## Configuration Options

This capability is not enabled out of the box. The following table lists the configuration settings that are associated with this functionality.

Option	Description
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	The new <b>Enable recent scopes search</b> check box on the General tab adds the recent scope and search scope capability to the Search Box to allow users to find specific search scopes if a library has many from which to choose.
Search Tile Labels code table	The following code was added to support the new <b>Look-up or select</b> prompt: <pre>nui.searchLookup: <b>Look-up or select</b></pre>

Option	Description
aria Labels code table	<p>The following code was added to support accessibility for this functionality:</p> <pre>nui.search.searchTabFilter: <b>You can filter to a specific search tab by typing its name. Use the up arrow to get to the filtering field</b></pre>

## Improved Discovery of Multiple Digital Issues in Primo VE

### September 2020

This enhancement allows users to filter digital issues in the View Online section of a record's full details. Based on the **Entity Type** that is assigned to a representation in the Digital Representation Resource Editor in Alma, a pair of filters will appear above the list of representations to allow users to filter the record's representations:

- **Issue** – Users can filter the list by selecting values from the **Volume** and **Date** drop-down fields.
- **Issue-Detailed** – Users can filter the list by selecting values from the **Volume** and **Year** drop-down fields.

In Primo VE, the default selection is **All** for the above filters, and users can reset both filters to their default values by selecting **Clear**. The system loads five items at a time. To see the next five items, select **Show More Items**.

The screenshot shows the 'View Online' interface for digital issues. At the top, it says 'Digital Version(s) Availability' and 'Showing 5 of 36 results'. Below this, there are two filter dropdown menus: 'volume' and 'date', both currently set to 'All'. A 'Clear' button is located to the right of the filters. The list of results shows five items, each with a title like 'Issue 1, Volume 1, 1980 available at: DigiTool Repository' and a link icon. At the bottom of the list, there is a 'SHOW MORE ITEMS' button.

### Filters for Digital Representation with Entity Type = Issue

## Configuration Options

This capability is enabled out of the box. The following table lists the configuration settings that are associated with this functionality.

Option	Description
Discovery Customer Settings mapping table ( <a href="#">Configuration Menu</a> > <a href="#">Discovery</a> > <a href="#">Other</a> > <a href="#">Configure Views</a> )	<p>The new <b>number_of_representations_in_viewit</b> parameter defines the maximum number of representations that display by default in the View Online section of a record's full details. The default values is 5.</p> <p>If the number of representations exceeds this setting, the <b>Show More</b> button will display below the list of representations and allow users to view the remaining representations by selecting it.</p>
View It Labels code table	<p>The following codes were added to support this functionality:</p> <ul style="list-style-type: none"> <li>• <code>fulldisplay.representations.showmore</code>: <b>Show More Items</b></li> <li>• <code>fulldisplay.representations.filters</code>: <b>Filters</b></li> <li>• <code>fulldisplay.representations.clearFilter</code>: <b>Clear</b></li> <li>• <code>fulldisplay.representations.volumeFilter</code>: <b>Volume</b></li> <li>• <code>fulldisplay.representations.yearFilter</code>: <b>Year</b></li> <li>• <code>fulldisplay.representations.dateFilter</code>: <b>Date</b></li> <li>• <code>fulldisplay.representations.pageSize</code>: <b>Showing {0} from {1} results</b></li> </ul>
aria Labels code table	<p>The following code was added to support accessibility for this functionality:</p> <ul style="list-style-type: none"> <li>• <code>nui.aria.representations.showmore</code>: <b>Show More Items</b></li> <li>• <code>nui.aria.representations.clearFilter</code>: <b>Clear Filters</b></li> <li>• <code>nui.aria.representations.volumeFilter</code>: <b>Filter by {{volume}} Volume</b></li> <li>• <code>nui.aria.representations.yearFilter</code>: <b>Filter by {{year}} Year</b></li> <li>• <code>nui.aria.representations.dateFilter</code>: <b>Filter by {{date}} Date</b></li> <li>• <code>nui.aria.representations.pageSize</code>: <b>Showing {0} from {1} results</b></li> </ul>

## Analytics - Improved Display of Representations

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	General	Click on Filter	The user has selected a filter to filter the list of special digital representations.

## Quick Access to Auxiliary Digital Files

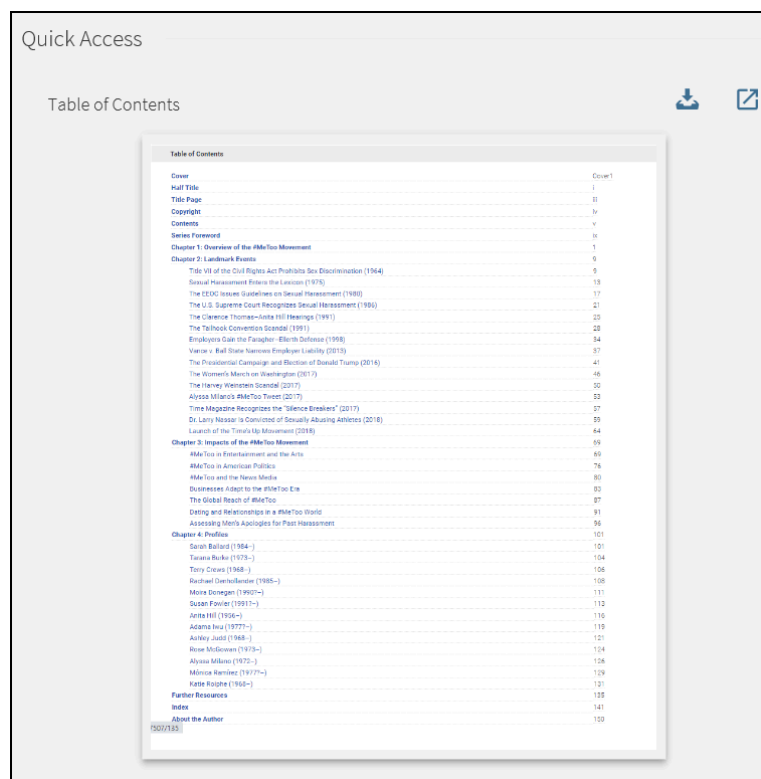
### September 2020

Previously, all digital representations displayed as links in the View Online section of a record's full display and were indexed with the **Available online** facet. With this enhancement, you can mark representations (such as for a Table of

Contents or a book cover) as being auxiliary so that they display in the Quick View section of a record's full display and are no longer indexed with the **Available online** facet. In Alma, representations are designated as auxiliary by setting the **Usage Type** field to **Auxiliary** in the Digital Representation Resource Editor. For more information, see [Adding a Representation in Alma](#).

Primo VE uses the following display logic rules, which are configured on the Discovery Interface Display Logic page (**Configuration Menu > Fulfillment > Discovery Interface Display Logic > Display Logic Rules**), to determine where these representations display in the record's full display:

- **Hide service Representation Delivery Service with Usage Type = Auxiliary** – When active, this rule displays the auxiliary representations in the Quick View section only. When inactive, the auxiliary representations are displayed in both the View Online and Quick View sections.
- **Hide service Representation Quick Access** – If this rule is active, auxiliary representations will not appear in the Quick View section regardless of the previous rule's setting.



### Table of Contents with Entity Type = Auxiliary

For more information, see [Adding Display Logic Rules in Alma](#).

No configuration is needed in Primo VE to enable this functionality.

## Primo Services Page – Prevent Get It Services for Wrong Titles

### September 2020

When an OpenURL request does not contain any identifiers, the link resolver matches a bibliographic record based on the OpenURL title only. On occasion, the match is inaccurate and can result in Get It services for the wrong title. You can now configure Alma's link resolver to display Get It services for titles that match identifiers (such as ISBN and ISSN). For more information, see [Using Standard Identifiers](#).

No configuration is needed in Primo VE to enable this functionality.

---

## Improved Filtering of Record's Items

### September 2020

With this enhancement, items for related records are filtered in Get It when a specific issue, part, or page is specified for the record. This enhancement supports the following relations: 773 (MARC21 and KORMARC) and 461/463 (UNIMARC and CNMARC). Refer to the following table for more cataloging details:

Description	Value in: \$g (MARC21/KORMARC) \$v (UNIMARC/CNMARC)	Item Field
Year	yr:	Chron 1
Volume or Barcode	no:	Enum A
Issue	iss:	Enum B
Part	pt:	Enum C
Pages	p:	pages

#### Example:

```
461 ##$tPsychiatrie française $x0755-9755 $1001 (PPN)039663124 $vno:A15055
```

No configuration is needed in Primo VE to enable this functionality.

---

## Ongoing Accessibility Improvements (September)

### September 2020

As part of our continuous effort to comply with Web Content Accessibility Guidelines 2.1 Level AA, we have consulted with an external accessibility company, resolved many issues this release, and are expected to resolve more issues in the upcoming releases. To help track these improvements, we will publish a list of the resolved accessibility issues soon.

---

## New Action - Export to Excel

### August 2020 - NERS Enhancement (ID #6190)

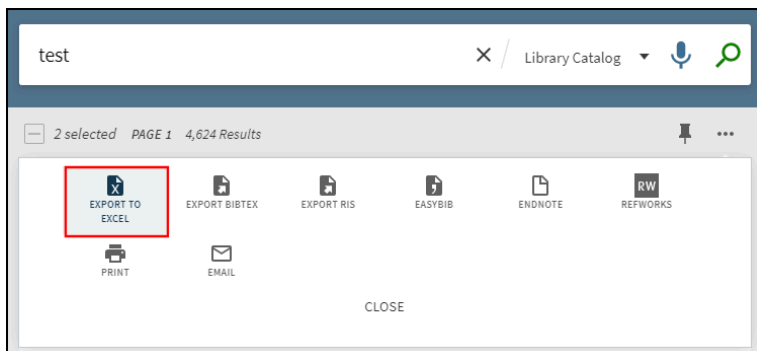
The new **Export to Excel** action allows users to download information (which includes all enabled display fields and a permalink) for one or more records to a .csv or .xlsx file.

```
Title,Creator,Is Part Of,Subject,MESH subjects,Genre,Contents,Other title,Related titles,Series,Publisher,Creation Date,Edition,Format,Source,Identifier,Donation Info,Audience,Course Information,Permalink  
Dinner illustrated : 175 meals ready in 1 hour or less , "America's Test Kitchen (Firm), editor. ", , Dinner and dining; Quick and easy cooking; Cookbooks; COOKING / Courses & Dishes / General; COOKING / Methods / General; COOKING / Reference, , , Includes index. , , , , "Boston, MA : America's Test Kitchen", 2018, , 300 pages cm, Library Catalog, LC : 2017055764; ISBN : 9781945256301 (paperback), , , , https://sqa-na01.alma.exlibrisgroup.com/permalink/PRIMO_OAP_INST/1kh011t/alma99221941300496
```

## A Single Record Saved to a CSV File

This action is supported in the following areas of the UI:

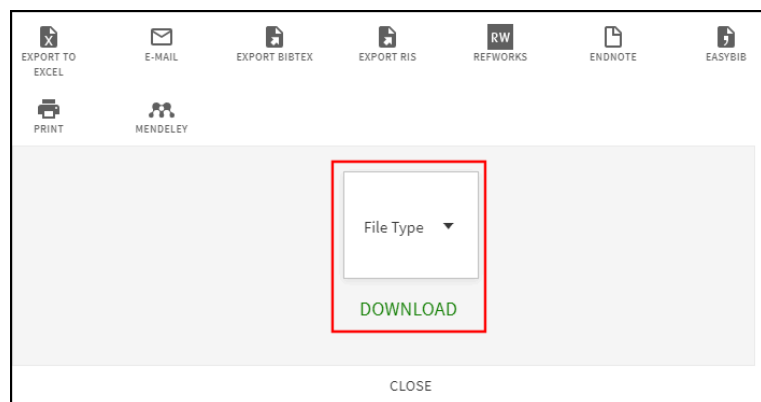
- **Brief Results page** – Users can either export a single record or select and export a maximum of 50 records in bulk to a file.



### Export to Excel Action on the Brief Results Page (Bulk Selection)

- **Full Display page** – Users can export the record to a file.
- **My Favorites > Saved Records** – Users can either export a single record or select and export one or more records in bulk to a file.
- **My Library Card > Loans and Requests** – Users can either export a single record or select and export one or more records in bulk to a file.

After selecting the **Export to Excel** action in UI, users will have the option to download the results to a file using one of the following file types: .csv or .xlsx.



### Select File Type to Download

---

#### Note

When using the CSV file type for non-Latin languages, we recommend that you use Notepad to open the file, but if you prefer to use Excel, make sure that you use UTF-8 encoding.

---

## Configuration Options

This action is disabled by default. The following table lists the configuration settings that are associated with this functionality.

Element	Description
Brief Record Display tab on the View Configuration page	The <b>Excel</b> action has been added under the Record Actions section to allow you to enable the new Export to Excel action, set its position, and set whether it is an up-front action.
Keeping This Item Tile Labels code table	The following codes have been added to support the customization and translation of the associated labels in the UI: <ul style="list-style-type: none"><li><code>fulldisplay.command.pushto.option.Excel</code>: <b>Export to Excel</b></li><li><code>fulldisplay.command.pushto.option.Excel.FileType</code>: <b>File Type</b></li><li><code>nui.Excel.tooltip</code>: <b>Processing file...</b></li></ul>

## Analytics - Export to Excel Action

To support this functionality, the following actions have been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	Actions	Excel export	The user has exported to Excel by selecting the Export to Excel action for a specific record.
Results List	Records Bulk	Send bulk of records to Excel	The user has exported results to Excel using the bulk file selection method.

---

## Allow Multiple Conditions for Local Resource Types

### August 2020

This enhancement allows you to map source records to a local resource type based on a maximum of four MARC/DC conditions instead of a single condition. When multiple conditions are defined, all must be true to assign the local resource type to the record.

## Configuration Options

To support this functionality, the **Add Condition** option has been added to both of the mapping sections on the Local Resource Types page ([Configuration Menu > Discovery > Display Configuration > Local Resource Types](#)) allows. For more details, see [Configuring Local Resource Types for Primo VE](#).

### Add Conditions to Local Resource Type Mapping

## Purchase Request Alert Form - Match Found Notification

August 2020 (Updated August 20, 2024)

For purchase requests that originate from a blank Purchase Request Form, the system will now notify users immediately that a requested item already exists in the library, allowing users to select from the following options after submitting a purchase request that contains a matching ISBN or eISBN:

- **View the record** – Allows users to view the item to see if it is the same as the one they are requesting.
- **Yes** – Continues with the request as submitted.
- **No** – Cancels the submittal of the request.

### Item Already Held by Library

## Configuration Options

This functionality is enabled by default. To disable it, set the **PR\_indicate\_for\_primo\_if\_isbn\_is\_exist** customer parameter in Alma (**Configuration Menu > Acquisitions > General > Other Settings**) to **false**.

In addition, the following codes were added to the Purchase Request Labels code table to allow the customization and translation of the labels used for this functionality:

- `almaPurchaseRequest.isbnExist`: **A match for the identifier was found:**

- `almaPurchaseRequest.submit`: **Do you still want to submit the request?**
- `almaPurchaseRequest.approveRequest.yes`: **Yes**
- `almaPurchaseRequest.approveRequest.no`: **No**
- `almaPurchaseRequest.approveRequest.link`: **View the record**

## Analytics - Requested Item Already Exists

To support this functionality, the following action been added to the Action Usage subject area:

Group	Subgroup	Action	Description
General	General	Click on link to record from blank Purchase Request	During a purchase request, the user selected the link to view the record already held by the library.

## New Look for Blank Purchase Request and Resource Sharing Forms

### August 2020

The look of the Blank Purchase Request and Resource Sharing Request forms has been narrowed to improve the visibility and usage of the forms.

Purchase Request

Test  One-Time  Continuous

Material Type  Electronic  Physical

Choose Type:  
Book ▾

★ Title

Author

Edition

ISBN

LCCN

OCLC Number

Publisher

Publication year

Place of Publication

Volume

Requester Note

RESET FORM
 SEND REQUEST

### New Look of Purchase Request Form

---

## Increase Maximum Number of Local Fields

### August 2020

This enhancement increases the maximum number of local fields from 50 to 100. For consortia, **local\_field\_51** through **local\_field\_100** can be centrally defined with the NZ and distributed to member institutions. For more information, see [Allow Consortia to Manage Local Fields Centrally](#).

---

## Allow Consortia to Manage Local Fields Centrally

### August 2020

For consortia, this enhancement allows the NZ to manage local fields centrally for distribution to member institutions at the IZ level. To support this functionality, **local\_field\_51** through **local\_field\_100** have been added for this purpose (see [Increase Maximum Number of Local Fields](#)). Prior to distribution, the NZ will have the ability to decide whether to override a member institution's customizations of a local field in the IZ.

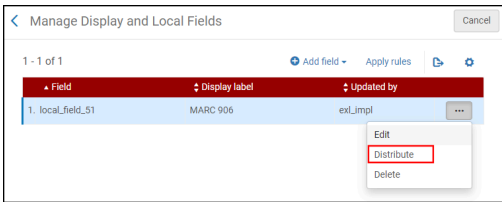
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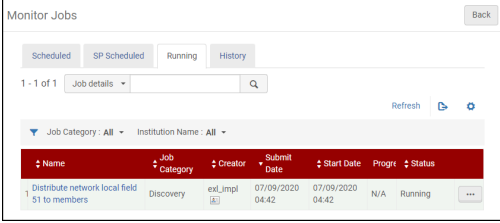
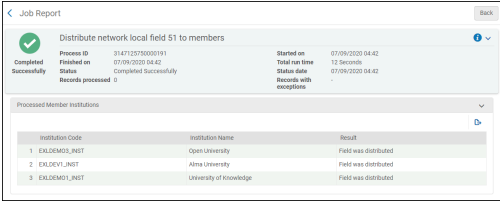
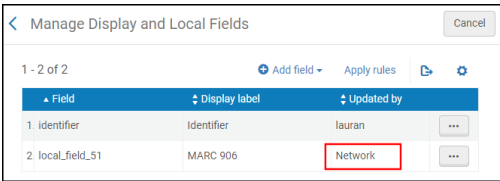
### Note

- The NZ and member institutions can still use **local\_field\_1** through **local\_field\_50** as they had previously.
  - When local fields are used for facets and search, member institutions can have a maximum of 10 locally defined fields and 10 centrally defined fields.
- 

## Configuration Options

The following table lists the configuration settings that are supported in the NZ and member institutions (IZ) for this functionality.

Element	Description
Configuration in NZ:	
Manage Display and Local Fields page	<p>For each local field that you want to manage centrally (<b>local_field_51</b> through <b>local_field_100</b> only):</p> <ol style="list-style-type: none"><li>1. Select <b>Distribute</b>.</li></ol>  <p><b>Distribute Local Field to Member Institutions</b></p> <ol style="list-style-type: none"><li>2. Select a distribution option:<ul style="list-style-type: none"><li>◦ <b>Do not override member institution customization</b> – When selected, the local field is distributed only to member institutions that are not using the selected local field or that have already inherited it from the NZ and have not customized it.</li><li>◦ <b>Override member institution customization</b> – When selected, the local field is distributed to all member</li></ul></li></ol>

Element	Description
	<p>institutions and will override any customizations made to that local field in the IZ.</p>
<p>Monitor Jobs &gt; Scheduled Jobs page</p>	<p>You can use the <b>Distribute network local field &lt;local_field_number&gt; to members</b> job to monitor the progress and history of a local field's distribution to member institutions.</p>  <p><b>Monitor Distribution of Local Field</b></p> <p>In addition to the overall status information (such as status and start and end timestamp), this job's report includes the following result statuses per member institution:</p> <ul style="list-style-type: none"> <li>• <b>Field was distributed</b> – Indicates that this local field did not exist previously for this member and has been distributed.</li> <li>• <b>Field already exists and was not distributed</b> – Indicates that this local field already exists in the member institution, and it could not be distributed because the <b>Override member institution customization</b> option was not selected for the local field.</li> <li>• <b>Field already exists and was overridden with network data</b> – Indicates that this local field already exists in the member institution, and either the <b>Override member institution customization</b> option was selected or the field was last modified by the network distribution job.</li> <li>• <b>Failed to distribute field data</b> – Indicates that an internal error occurred during the distribution process. If this result appears, the job status will be set to <b>Completed with warnings</b>.</li> </ul>  <p><b>Report for Local Field's Distribution Job</b></p>
<p>Configuration in Member Institutions (IZ):</p>	
<p>Manage Display and Local Fields page</p>	<p>If the distribution was successful from the NZ, the local field will appear in the list of local fields on this page. Local fields added from the NZ can be identified by the <b>Updated by</b> field which will have a value of <b>Network</b>.</p>  <p><b>Local Field Inherited from NZ</b></p>

---

## Enhance Discovery Import for Loading Externally Held Physical Records

### August 2020

Previously, all records that were imported from external data sources were treated as online resources only. With this enhancement, customers can identify records as physical resources and create a request link for these resources. For external physical resources, you will see the following information displayed in Primo VE:

- A customer-defined link to the external physical source will appear under the Links section in the record's full display.
- The following Availability statuses will appear in the record's brief display:
  - **Check holdings** – Displays if the record is an external physical record only.
  - **Available at <location> and other locations** – Displays for Dedup records that combine both an Alma physical record and an external physical record.
- The **Available in library** facet will include external physical records.

### Configuration Options

The Link to Request section has been added to the Delivery tab on the Import Profile Details page to allow customers to create either a static URL for the request link or a template that utilizes fields in the record to create the request link for the external physical resource.

The screenshot shows the 'Import Profile Details' configuration page. At the top, there are navigation buttons: 'Cancel', 'Save Draft', 'Back', and 'Save'. Below these are four numbered steps (1-4). The main content area includes a dropdown menu for 'test' and a 'Profile Type' dropdown set to 'Discovery'. There are three expandable sections: 'Link to Resource', 'Link to Thumbnail', and 'Link to Request'. The 'Link to Request' section is highlighted with a red border and contains two radio buttons: 'Template' (selected) and 'Static URL from source'. Below the radio buttons are two input fields: 'Template' and 'Link Label' (with a refresh icon). At the bottom, there is a 'Linking Parameters' section with an expandable arrow.

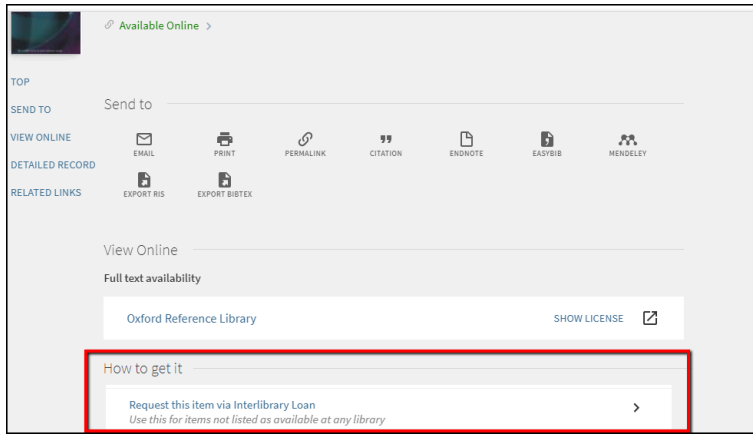
#### New Link to Request Section

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## Allow Resource Sharing Requests with Available Electronic Inventory

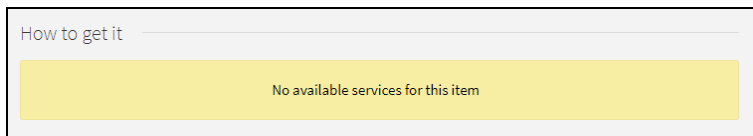
### August 2020

Previously, resource sharing requests were permitted only from the **How to get it** section on the record's Full Display page when the record had no electronic or physical holdings in the library. With this enhancement, you can now allow users to request physical items from other libraries also when the resource is only available electronically in the library.



### Allow Resource Sharing when Electronic Services Available

If display logic rules in Alma prevent resource sharing requests, the How to get it section will still display, but it will include the following message:



### Resource Sharing Disabled

## Configuration Options

This functionality is disabled by default. To enable it, set the **discovery\_display\_resource\_sharing\_when\_electronic\_available** customer parameter to **true** on the Discovery Customer Settings page (**Configuration Menu > Discovery > Other > Customer Settings**).

The following code was added to the GetIT! Tab1 Labels code table to support the customization and translation of this functionality:

```
brief.results.tabs.Get_it_from_other_locations_no_services: No available services for this item
```

## Define Peer Reviewed Facet in Local Catalog

### August 2020

Previously, only central index materials were included in the Peer Reviewed facet. This enhancement increases the visibility and navigation of local peer reviewed materials by allowing local records with the following indication to be included and filtered with the Peer Reviewed value of the Availability facet:

- DC: The **dcterms:instructionalMethod** field is set to **Refereed/Peer-reviewed**. Note this needs to be added for display, as well.
- MARC: The 500 \$a subfield is set to **Refereed/Peer-reviewed**.

### Note

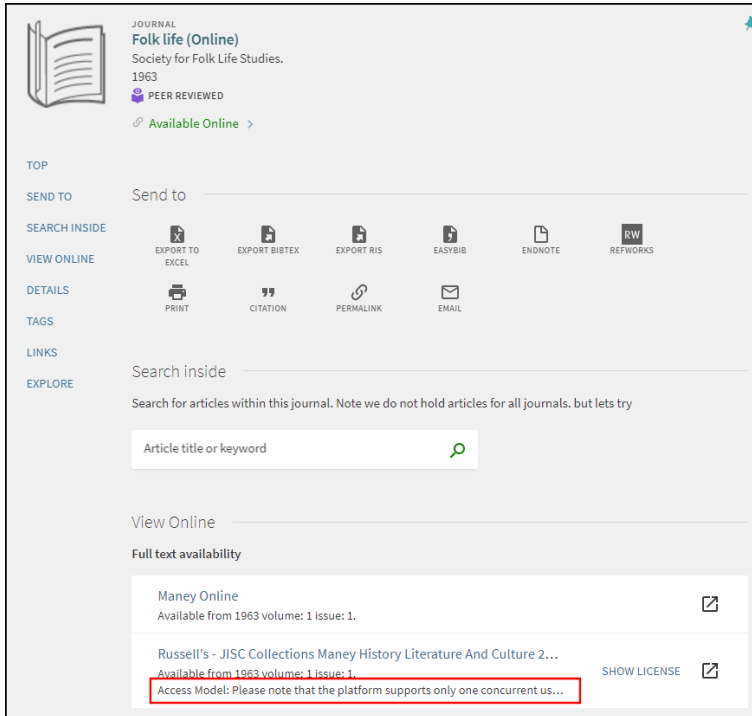
For new and updated records, this will be effective immediately, but for existing records, the change will not be completed until we run the Primo VE semi-annual indexing, which is planned to start with the August release and be

completed by September. For more details, see [Release and Maintenance Schedule](#).

## Display Access Model in Primo VE

### August 2020

When this functionality is enabled for discovery in Alma and the resource has public access model information defined for the portfolio, Primo VE will now display the access model information.



### Access Model Field on the Full Display Page

## Configuration Options

This following table lists the configuration settings associated with this functionality.

Element	Description
Other Settings Page in Alma ( <a href="#">Configuration Menu &gt; Fulfillment &gt; Discovery Interface Display Logic &gt; Other Settings</a> )	Select the <b>Enable Display of Access Model</b> field to display public access model information in the record's Full display page in Primo VE. If no information is defined, the field will not display in Primo VE.
Electronic Portfolio Editor in Alma	The <b>Public access model</b> field in the Acquisition tab contains the access model information that displays in Primo VE. For more information, see <a href="#">Editing a Portfolio Using the Electronic Portfolio Editor</a> .

Element	Description
View It Labels code table in Primo VE ( <a href="#">Configuration Menu</a> > <a href="#">Discovery</a> > <a href="#">Display Configuration</a> > <a href="#">Labels</a> )	The following code was added to allow the customization and translation of the Access Model field on the Full Display page in Primo VE:  fulldisplay.accessModel: <b>Access Model</b>

## Update UNIMARC Normalization for Creation Date Facet

### August 2020

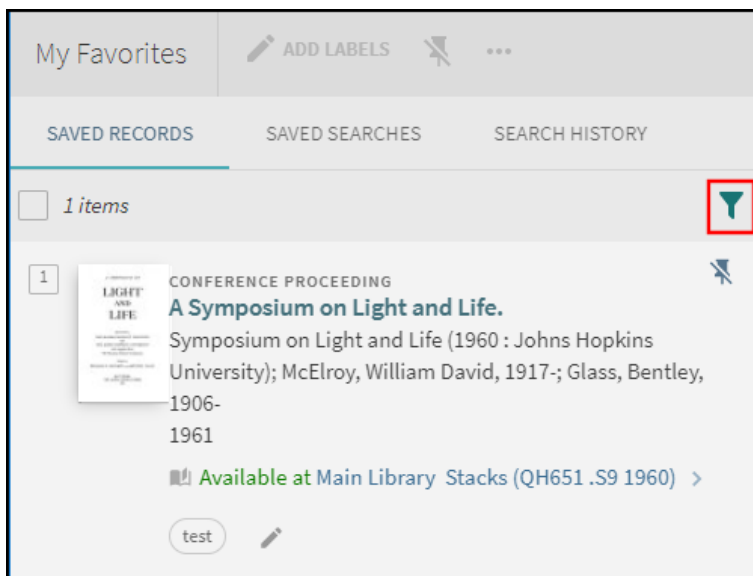
This enhancement improves the display of the UNIMARC Creation Date facet. To support this improvement, the following changes have been made to the Creation Date Facet/Search normalization rules:

- Added 620 \$i, 214 \$d, and 210 \$h.
- Removed 207 \$a.

## Mobile Device Usability Improvements to My Favorites

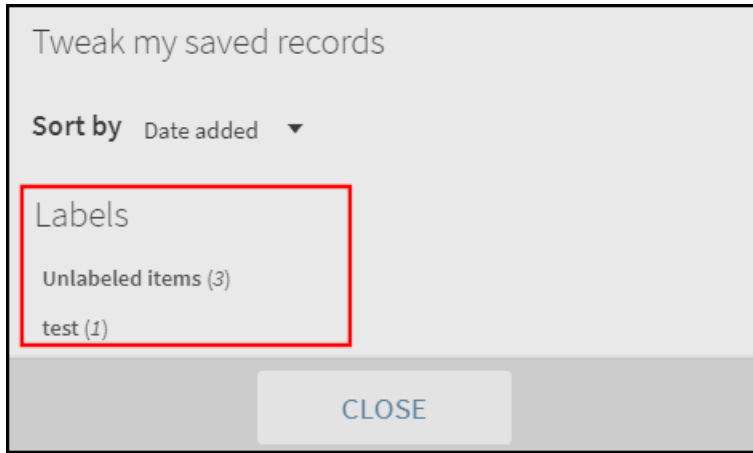
### August 2020

A Filter icon has been added to the Saved Records tab in My Favorites to allow users who are using mobile devices to sort and filter their saved searches by specific labels.



### New Filter Icon for Mobile Devices

Selecting the Filter icon opens the Tweak my saved records page, which allows users to select/clear labels and to specify one of the following sort types: **Author**, **Date added**, or **Title**.



**New Tweak My Saved Records Page for Mobile Devices**

## Configuration Options

This capability is enabled out of the box. The following table lists additional configurations that are associated with this functionality.

Option	Description
Results Tile Labels code table	The following code was added to support the new section for mobile devices: <code>nui.sortAndlabels.title: <b>Tweak my saved records</b></code>
Aria Labels code table	The following code was added to support accessibility for this functionality: <code>nui.aria.sortAndlabels: <b>Tweak my saved records</b></code>

## Ongoing Primo VE Analytics Improvements (August)

### August 2020

Improved the following issues with the Primo VE Zero Result Searches Report in Primo VE Analytics:

- False zero results – In some cases, no results were sent for a search query that did have results..
- Missing zero results – In some cases, users received no results in the UI, but the searches were not reported or listed in the report. In some cases, customers did not see any reporting of searches with no results.

## Expose Webhook for Searching External Indexes

### July 2020

Search Webhook enables you to enhance the standard Primo VE search engine with your own search engine functionality, using the standard Primo VE services and view. This functionality allows sites to create multiple search webhooks, where each one is designed to work with a different external search engine (such as a regional search index). For more details on this functionality, see [Search Webhook](#) in the Ex Libris Developer Network and [Primo Search Webhook](#).

---

**Note**

Currently, you are not permitted to blend Search Webhooks with your local Primo data or any other Search Webhooks.

---

## Configuration Options

The following table lists the configuration options associated with the integration of External Search Webhooks with Primo VE.

Option	Description
Define Primo VE Webhook Search Scope page ( <a href="#">Configuration Menu &gt; Discovery &gt; Search Configuration &gt; Search Profiles</a> )	This page allows you to define search scopes for your Search Webhooks.  To add a search scope: <ol style="list-style-type: none"><li>1. Open the Search Profiles page.</li><li>2. Select the <b>Other Indexes</b> tab.</li><li>3. Select <b>Add Other Index &gt; Search Webhook</b> to open the Define Primo VE Webhook Search Scope page. For more details, see <a href="#">Configuring Search Profiles</a>.</li></ol>
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	From the Search Profile Slots tab, you can add a Search Webhook index to search profile slots in your view. For more information, see <a href="#">Configuring Discovery Views</a> .
Facets Code Fields Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	This table allows you to customize and translate the facet labels for Search Webhooks.
Search Profile Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	This table allows you to customize and translate the subheading for related electronic and digital records: <ul style="list-style-type: none"><li>• <code>scopes.option.&lt;Search_Webhook_display_name&gt;: &lt;Display Name&gt;</code></li></ul>

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## Reload No Harvest Option for External Data Sources

### July 2020

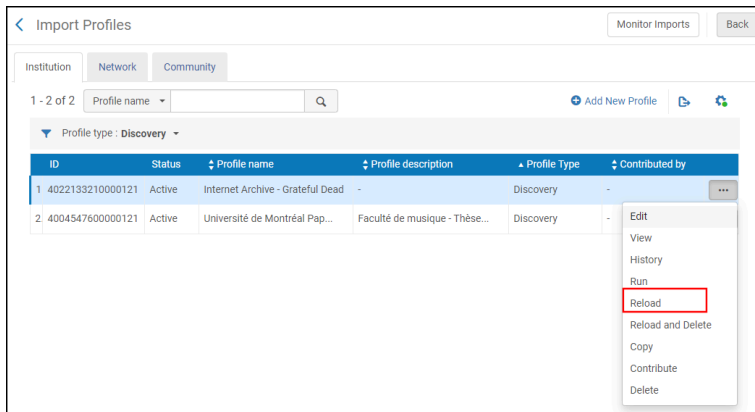
This enhancement adds the **Reload** option to the Import Profiles page for external data sources ([Configuration Menu > Discovery > Loading External Data Sources > Discovery Import Profiles](#)) so that you can reload all records from an external data source without having to harvest files from the external data source. This is useful if you need to apply indexing changes to existing records.

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**Note**

For existing Discovery Import Profile jobs, this option will reload only records that were harvested after the June release.

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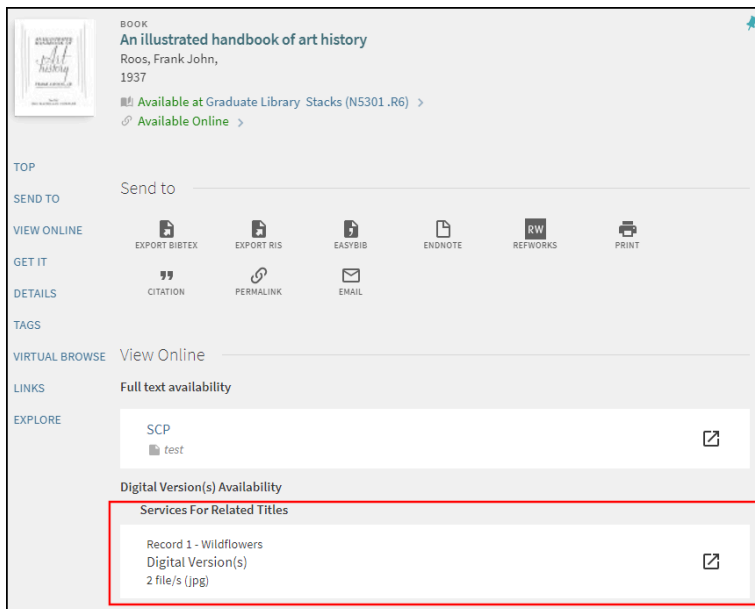


### New Reload Option for Discovery Import Profiles

## Display Related Digital MARC Representations

### July 2020

This enhancement allows a title's related digital representations to be displayed under the View It/View Online section on the record's Full Display page. When this functionality is enabled, all related digital representations will appear in the new **Services for Related Titles** subsection under the **View Online > Digital Version(s) Availability** section.



### Electronic Record with Related Digital Representation

#### Note

To display related digital representations for a record, the record must contain either electronic (Alma-E) or digital (Alma-D) inventory. It cannot have only physical inventory.

## Configuration Options

The following table lists the configuration options associated with this functionality.

Option	Description
Related Record Services Configuration page in Alma ( <a href="#">Configuration Menu &gt; Fulfillment &gt; Discovery Interface Display Logic &gt; Related Record Services</a> )	To allow related digital representations to appear under the View Online section, clear the <b>Display Related Record Services for Digital</b> field.
Metadata Editor ( <a href="#">Resources &gt; Cataloging &gt; Open Metadata Editor</a> )	The Metadata Editor in Alma allows you to add MARC linking fields to your record, which allow you to link to other records, such as digital representations. Examples: <ul style="list-style-type: none"> <li>780 00  \$w 9963441000521  \$t related title</li> <li>773 0#  \$t related title  \$z &lt;020 field of related record&gt;</li> </ul>
ViewIt Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	This table allows you to customize and translate the subheading for related electronic and digital records: <ul style="list-style-type: none"> <li>c.uresolverServicesForRelatedTitles: <b>Services for Related Titles</b></li> </ul>

## Display Place in Queue on Request Forms

### July 2020

If the new **Calculate Queue** button is enabled, it will be added to the hold, booking, and digitization request forms so that users can determine their place in the queue before sending a request for the item.

The screenshot shows a request form for a 'Book' material type. The form includes the following fields and controls:

- Request Type:** Radio buttons for 'Request' (selected) and 'Booking'.
- Pickup Location:** A dropdown menu with a red asterisk indicating it is required.
- Terms of Use:** A dropdown menu with a lock icon and a double dash '..'. Below it is the text 'Not needed after'.
- Pickup Date:** A date picker icon and a dropdown menu.
- Comment:** A text input field.
- Buttons:** A 'RESET FORM' button with a circular arrow icon and a 'SEND REQUEST' button with a green arrow icon.
- Highlighted Button:** A 'CALCULATE QUEUE' button is highlighted with a red rectangular box. To its right, the text 'Place in queue is' is visible.

### Hold Request Form - Calculate Queue Button

## Configuration Options

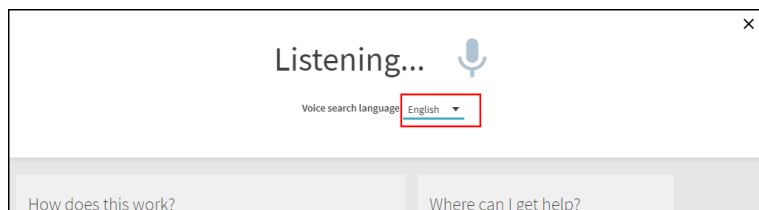
This functionality is disabled by default. Refer to the following table for information on how to configure this enhancement.

Option	Description
Digitization Optional Parameters mapping table ( <a href="#">Configuration Menu &gt; Discovery &gt; GetIt Configuration &gt; Digitization Request</a> )	In the new <b>calculateQueueButton</b> mapping row, set its <b>Display to Public</b> field to <b>Yes</b> to display this button on the Digitization Request Form.
Request Optional Parameters mapping table ( <a href="#">Configuration Menu &gt; Discovery &gt; GetIt Configuration &gt; Hold and Booking Request</a> )	In the new <b>calculateQueueButton</b> mapping row, set its <b>Display to Public</b> field to <b>Yes</b> to display the <b>Calculate Queue</b> button on the Hold and Booking Request Form.
Request Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	This table allows you to customize and translate the labels associated with this functionality: <ul style="list-style-type: none"> <li><code>nui.aria.request.calcPlaceInQueue</code>: <b>Calculate Queue</b></li> <li><code>request.calcPlaceInQueue</code>: <b>Calculate Queue</b></li> <li><code>request.placeInQueue</code>: <b>Place in queue is {0}</b></li> </ul>

## Configure Languages for Voice Search Assistant

July 2020

For the new UI only, this enhancement allows you to configure the list of supported languages and the default language that appear after selecting the Microphone icon in the Primo Search box.



### Voice Search Assistant - Language Drop-Down List

## Configuration Options

This functionality is disabled by default. Refer to the following table for information on how to configure this enhancement.

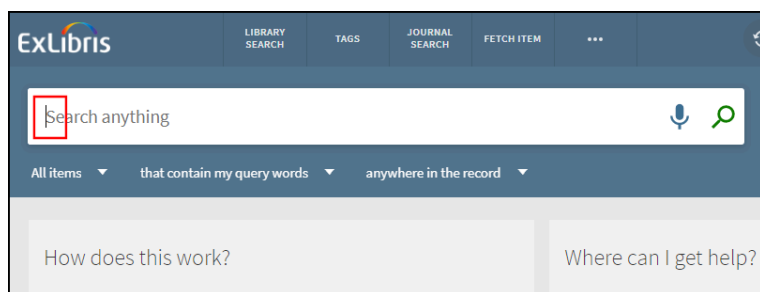
Option	Description
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	The <b>Use Voice Search</b> field will continue to be used to enable the Voice Search feature, but you will now have the following options: <ul style="list-style-type: none"> <li><b>Use UI supported languages</b> – When selected, Primo VE will support the languages configured in Alma.</li> <li><b>Use customized languages</b> – When selected, the <b>Supported languages</b> field appears and allows you to select one or more enabled languages from the Voice Search Supported Languages code table.</li> </ul>

Option	Description
Voice Search Supported Languages code table	<p>This table allows you to customize and translate the customized list of languages, which appear in the <b>Language</b> drop-down list for Voice Search if added to the <b>Supported languages</b> field on the View Configuration page.</p> <p>The codes and languages are based on the supported languages for the Voice Search Languages API. For more details, see <a href="#">Supported Languages from GitHub</a>.</p>

## Support the Configuration of the Search Box's Focus

### July 2020

For desktop applications only, this enhancement allows you to place the focus in the search box by default when various pages (such as Library Search and Journal Search) are opened in Primo VE. This allows users to type their queries directly into the search box without having to select the search box first. This is already the case for the classic UI.



### Focus Set in Search Box

## Configuration Options

To enable this functionality, select the **Set focus on search box** field on the General tab of the View Configuration page (**Configuration Menu > Discovery > Display Configuration > Configure Views**). By default, this functionality is disabled.

## Collection Discovery Enhancement - Add More Sort Options

### July 2020

Since the launch of Collection Discovery, it is apparent that many customers configure their Collection Discovery pages to show only collections or items. With this in mind, we have added separate sort drop-down lists for sub-collections (**Sort sub-collections by**) and items (**Sort items by**). This allows users to independently sort sub-collections and items on a collection's discovery page. For sub-collections, users can sort by relevance and title only, and for items, users can sort by author, date (oldest and newest), relevance, and title. The default sort type is now configurable with top-level collections in Alma (see [Configuration Options](#)).

Only relevant sort drop-down lists will appear on the collection's discovery page. Since the collection has only items in the following example, the page displays only the **Sort items by** drop-down list for the listed items in the collection:

COLLECTIONS / Art Collection / Picasso Collection - books and reproductions / Picasso pictures /

## Picasso's blue period

The Blue Period of Picasso is the period between 1900 and 1904, when he painted essentially monochromatic paintings in shades of blue and blue-green, only occasionally warmed by other colors.

Sort items by Date-newest Search

Items (5) View

BOOK CHAPTER  
Annual Report for  
2017 Social  
Sciences

REALIA  
Portrait of  
Suzanne Bloch.

REALIA  
The Death of  
Casagemas

REALIA  
Femme aux Bras  
Croisés

REALIA  
Les Noces de  
Pierrette

### Sort Filters for Items Only

#### Note

If the collection contains both items and sub-collections, the page will display both **Sort by** drop-down lists to allow each section to be sorted independently.

## Configuration Options

This functionality is enabled by default. The following table lists all configuration options associated with this functionality.

Option	Description
Collection Resource Editor page in Alma	On the Discovery tab, you can set the default sort option in Collection Discovery by selecting one of the following options from the <b>Sort titles by</b> drop-down list under the <b>Display</b> section on the Discovery tab: <b>Relevance</b> , <b>Title</b> , <b>Author</b> , <b>Date - oldest</b> , or <b>Date - newest</b> . If no option is selected or the selection is not relevant to sub-collections, the default sort is <b>Relevance</b> for Collection Discovery in Primo VE.
Collection Discovery Labels code table ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	<p>This table allows you to customize and translate the labels associated with this functionality:</p> <ul style="list-style-type: none"> <li><code>nui.colldiscovery.sortItemsBy</code>: <b>Sort items by</b></li> <li><code>nui.colldiscovery.sortSubcollectionsBy</code>: <b>Sort sub-collections by</b></li> </ul> <p>The following codes were updated to allow for the display of the number of collections and sub-collections in Collection Discovery. If you have customized these codes, make sure that you add the placeholder.</p> <ul style="list-style-type: none"> <li><code>nui.colldiscovery.collections.title</code>: <b>Collections {{1}}</b></li> <li><code>nui.colldiscovery.subcollections.title</code>: <b>Sub-collections {{0}}</b></li> </ul> <p>The following codes are no longer in use:</p> <ul style="list-style-type: none"> <li><code>nui.colldiscovery.lobby.no.collections</code>: <b>{{1}} collections</b></li> <li><code>nui.colldiscovery.lobby.no.subcollections</code>: <b>{{1}} sub-collections</b></li> </ul>

Option	Description
	<ul style="list-style-type: none"> <li data-bbox="451 216 1023 243">• <code>nui.colldiscovery.lobby.no.items: {{1}} items</code></li> <li data-bbox="451 268 886 296">• <code>nui.colldiscovery.sortby: Sort by</code></li> </ul> <hr/> <p data-bbox="456 348 509 375"><b>Note</b></p> <p data-bbox="456 394 1317 422">The options for the Sort by filters are customized with the Sort Values Labels code table.</p> <hr/>

---

## Index Additional Title in MARC 800 Field

### July 2020

Previously, only the **f**, **k**, **l**, **m**, **n**, **o**, and **p** subfields were indexed from the MARC 800 field for additional title searches. With this enhancement, the **t** subfield is also indexed from the MARC 800 field for additional title searches.

---

#### **Note**

This change is applied automatically to new records added after the July release. All other records added prior to the July release will be re-indexed in August with the planned Primo VE semi-annual indexing.

---

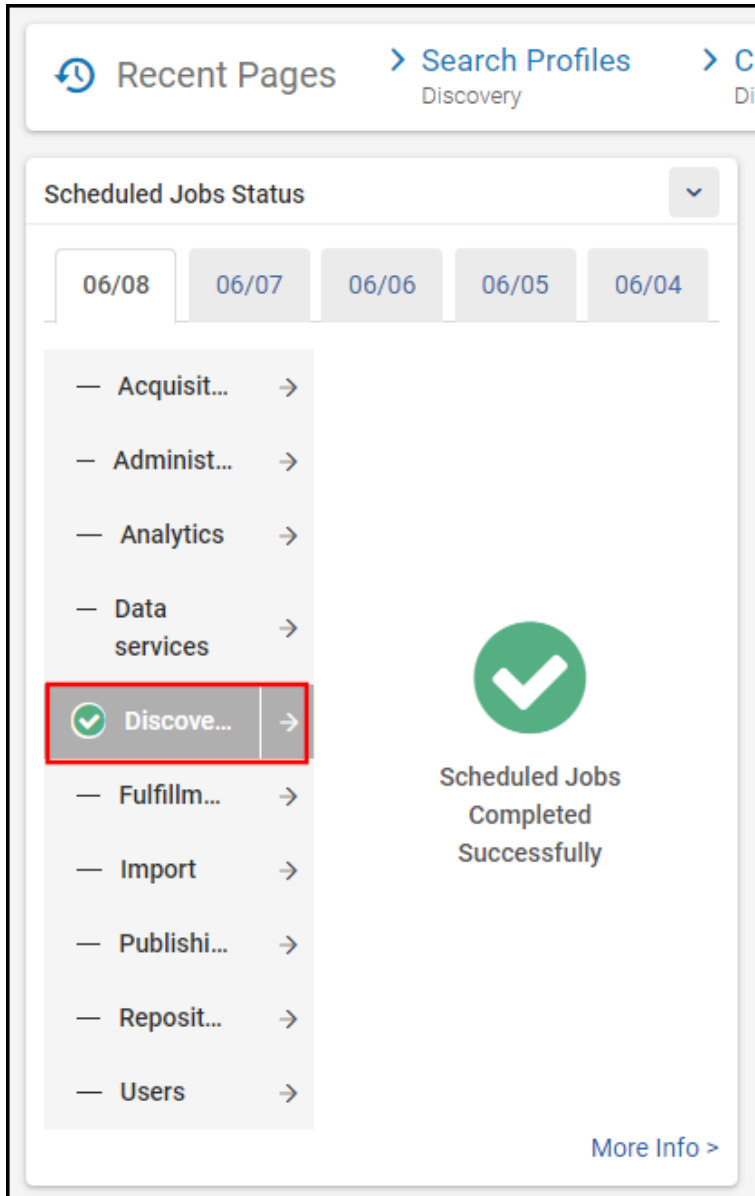


---

## Add Discovery to Scheduled Jobs Status Widget

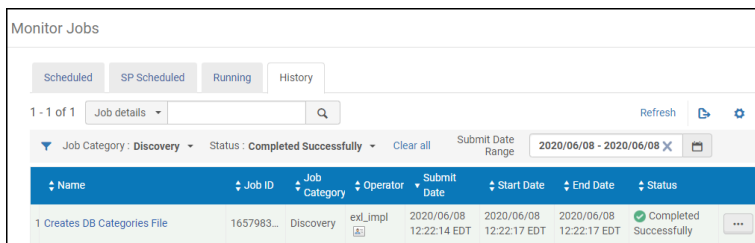
### July 2020

The Scheduled Job Status widget in Alma allow you to monitor scheduled jobs based on various categories. With this enhancement, you can now view the status of the scheduled jobs that are specific to Discovery (such as the Creates DB Categories File job). For more information, see [Viewing Scheduled Jobs](#).



### Scheduled Job Status Widget

If you need further details, select the right arrow next to the Discovery option to display the Discovery jobs that were executed on the selected day.



### Monitory Jobs Page - History Tab

## Support Popular Hebrew Acronyms

July 2020

To support searches with popular Hebrew acronyms and to align with Primo, popular Hebrew acronyms have been added to Primo VE. For example, searches for the Hebrew acronym רמב"ם will return results that match both רמבם and רמב"ם.

---

## Get JWT Public Key REST API

### July 2020

This service returns a public key that can be used by external systems to verify JWT authentication tokens issued by Primo VE. For more information on this API, see the [Public Key API](#) in the Ex Libris Developer Network.

For a use case example, see the [Alma - PayPal Integration](#) in the Ex Libris Developer Network.

---

## Normalization Rule Changes for July

### July 2020

The following UNIMARC rules were updated for July. If you have customized your rules and want to apply the updated rules, you can either copy the rules below or restore the rules to their out-of-the-box settings. For more information regarding the new actions **wrap subfields** and **replace wrapping delimiters**, see [Configuring Normalization Rules for Display and Local Fields](#).

- **Title display field (UNIMARC)** – A semicolon will be prefixed to each appearance of subfield **a** (except for the first appearance). For example, if the UNIMARC 200 field is defined as follows in the source record:

```
$$a First title $$e Other Title Information $$f First Statement of Responsibility $$a  
Second title $$e Other title info $$f First Statement of Responsibility (for the  
second title)
```

Its output will appear as follows in Primo VE:

```
First title : Other Title Information / First Statement of Responsibility ; Second  
title : Other title info / First Statement of Responsibility (for the second title)
```

```
rule "Primo VE Display title 200"  
  when  
    MARC "200" has any "a,b,c,d,e,f,g,h,i,v"  
  then  
    set TEMP"1" to MARC."200" sub without sort "a,b,c,d,e,f,g,h,i,v" wrap  
subfields  
  replace wrapping delimiters (TEMP"1","a"," ; ","")  
  replace wrapping delimiters (TEMP"1","b"," ["",""]")  
  replace wrapping delimiters (TEMP"1","c",". ","")  
  replace wrapping delimiters (TEMP"1","d"," = ","")  
  replace wrapping delimiters (TEMP"1","e"," : ","")  
  replace wrapping delimiters (TEMP"1","f"," / ","")  
  replace wrapping delimiters (TEMP"1","g"," ; ","")  
  replace wrapping delimiters (TEMP"1","v",". ","")  
  replace wrapping delimiters (TEMP"1","h",". ","")  
  replace wrapping delimiters (TEMP"1","i",". ","")  
  remove leading and trailing spaces (TEMP"1")  
  remove substring using regex (TEMP"1","^(/|:|;|=|,)+")  
  remove substring using regex (TEMP"1","(/|:|;|=|,)+$")
```

```

remove leading and trailing spaces (TEMP"1")
replace spaces (TEMP"1"," ")
remove string (TEMP"1","<<")
remove string (TEMP"1",">>")
create pnx."display"."title" with TEMP"1"
end

```

- **Publisher display field (UNIMARC)** – In addition to subfield **c**, the Publisher field now displays subfield **a** for UNIMARC field 210. For example, if the UNIMARC 210 field is defined as follows in the source record:

```

$$a Roma $$c Associazione italiana per le ricerche di storia del cinema $$a Bologna
$$c Persiani $$d 2014

```

Its output will appear as follows in Primo VE:

```

Roma : Associazione italiana per le ricerche di storia del cinema ; Bologna : Persiani

```

```

rule "Primo VE Display - publisher 210"
priority 20
when
  Latin display MARC."210" has any "a,c"
then
  set TEMP"1" to MARC."210" sub without sort "a,c" wrap subfields
  replace wrapping delimiters (TEMP"1","a"," ; ","")
  replace wrapping delimiters (TEMP"1","c"," : ","")
  remove leading and trailing spaces (TEMP"1")
  remove substring using regex (TEMP"1","^(/|:|;|=|,)+")
  remove leading and trailing spaces (TEMP"1")
  replace spaces (TEMP"1"," ")
  remove string (TEMP"1","<<")
  remove string (TEMP"1",">>")
  remove string (TEMP"1","\\(")
  remove string (TEMP"1","\\)")
  remove string (TEMP"1","\\[")
  remove string (TEMP"1","\\]")
  remove substring using regex (TEMP"1","(/|:|;|=|,)+$")
  set pnx."display"."publisher" to TEMP"1"
end

```

## Configure the Preferred Record for Dedup

### June 2020

Previously, the preferred record for Dedup groups was based on the ranking of the top 10 records in the Dedup group (see [Configuring the Ranking of Search Results in Primo VE](#)). With this enhancement, the library can now configure the preferred record based on inventory and give preference to bibliographic records that have digital, electronic, or physical inventory associated with the preferred record, which is displayed to users.

### Configuration Options

The **Criteria for the DEDUP preferred record** section has been added to the Brief Results tab on the View Configuration

page ([Configuration Menu > Discovery > Display Configuration > Configure Views](#)), but it appears only when the **Enable DEDUP** check box is selected. The preferred record is taken from the 10 highest ranked records in the Dedup group that matches the specified delivery category:

- **ALMA-P** – Precedence is given to available physical inventory.
- **ALMA-E** – Precedence is given to available electronic inventory.
- **ALMA-D** – Precedence is given to available digital inventory.
- **None** – Precedence is given to the highest ranked record in the Dedup group, regardless of the inventory type.

The screenshot shows the 'View Configuration' page for 'PRIMO\_OAP\_INST:Alma'. The 'Brief Results' tab is active. Under the 'Dedup and FRBR' section, the 'Sort FRBR Versions list by' dropdown is set to 'Date - newest'. The 'Define FRBR display for local records' section has 'Preferred' selected. The 'Enable Dedup' checkbox is checked. The 'Criteria for the DEDUP preferred record' section has 'Availability' set to 'None'.

#### View Configuration Page - Brief Results Tab

---

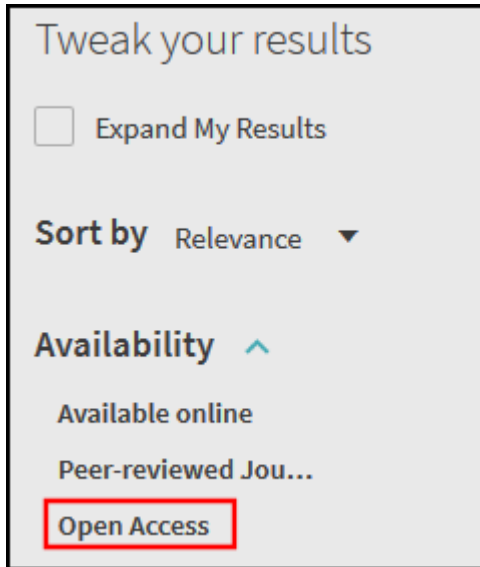
## Define Open Access Facet in Local Catalog

### June 2020

Previously, only central index materials were included in the Open Access Facet. This enhancement increases the visibility and navigation of local open access materials by allowing local records with the following indication to be included and filtered with the Open Access value of the Availability facet:

- DC: The **dcterms:accessRights** field is set to **Unrestricted online access**.
- MARC: The 506 f subfield is set to **Unrestricted online access** and the 506 2 subfield is set to **star**.

For more details, see [Open Access Indication in Primo VE](#).



Open Access Facet on Brief Results Page

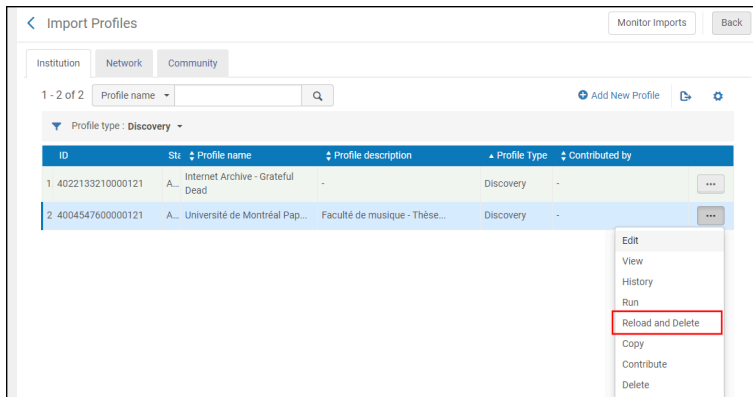
## Reload and Delete External Data Sources

June 2020

This enhancement allows you to reload your external data source and keep the record IDs between updates so that you can continue to use your short and long format permalinks.

### Configuration Options

The **Reload and Delete** option has been added to the Import Profiles page for external data sources ([Configuration Menu > Discovery > Loading External Data Sources > Discovery Import Profiles](#)). When executed, it reloads existing records, adds new records, and then deletes records that were not included in the import files.



### New Reload and Delete Option for Discovery Import Profiles

After selecting the new job, users are prompted with the following confirmation message before continuing with the reload process:

Confirmation Message

'Reload and Delete' will import the entire file/s to be the only set of this data source. Note that existing records that are not in the file/s will be deleted

Cancel Confirm

**Reload and Delete Confirmation Message**

---

## View It in Other Campuses and Libraries

**June 2020**

For multi-campus environments that use [Distributed Electronic Resource Management](#), this enhancement allows campuses/libraries to display View It services for Alma electronic and digital records from other campuses/libraries on the Full Display page. When enabled, a new **Online services information from other campuses** or **Online services information from other libraries** section will appear collapsed under the View Online section on the Full Display page. If online services are not offered for your campus/library, the new collapsible sections will appear under the Get It or How to Get It section instead of the View Online section.

---

**Note**

The View It information from other institutions is informative only and does not contain any links to online resources belonging to other campuses or libraries.

View Online

Full text availability

<p><a href="#">ABI/INFORM Collection</a> Available from 03/01/2001. Most recent 1 year(s) not available.</p>	<input type="checkbox"/>
<p><a href="#">ABI/INFORM Global</a> Available from 03/01/2001. Most recent 1 year(s) not available.</p>	<input type="checkbox"/>
<p><a href="#">Research Library</a> Available from 03/01/2001. Most recent 1 year(s) not available.</p>	<input type="checkbox"/>

**ONLINE SERVICES INFORMATION FROM OTHER LIBRARIES >**

**Collapsed Online Services Section from Other Libraries**

How to get it

Please sign in to check if there are additional request options. [Sign in](#)

[Request Item via Gutman Library Interlibrary Loan \(Login with PhilaU E-mail and Password\)](#)

[Request Item via Scott Library Interlibrary Loan \(Login with Campus Key and Password\)](#)

**ONLINE SERVICES INFORMATION FROM OTHER CAMPUSES >**

**Collapsed Online Services Section from Other Campuses**

If users are interested in services from other institutions, they can open the section to display all other institutions that have online services.

View Online

Full text availability

[ABI/INFORM Collection](#)  
Available from 03/01/2001.  
Most recent 1 year(s) not available.

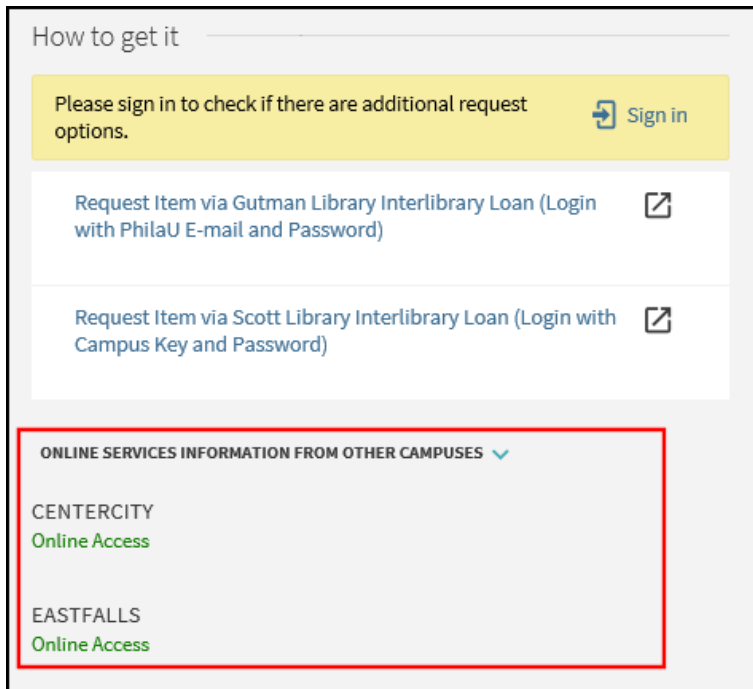
[ABI/INFORM Global](#)  
Available from 03/01/2001.  
Most recent 1 year(s) not available.

[Research Library](#)  
Available from 03/01/2001.  
Most recent 1 year(s) not available.

**ONLINE SERVICES INFORMATION FROM OTHER LIBRARIES ▾**

Paul J. Gutman Library

**Expanded Online Services from Other Libraries**



### Expanded Online Services from Other Campuses

## Configuration Options

The following table describes the various configuration options to enable and customize this enhancement.

Element	Description
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	For each member institution and the Union View, the <b>Display online services from other campuses/libraries</b> field has been added to the General tab to allow campuses/libraries to display View It services from other campuses/libraries.
All Code Tables page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	The following code has been added to the ViewIt Labels code table to allow you to customize and translate the new sections under the View Online section on the Full Display page: <ul style="list-style-type: none"> <li>nui.brief.results.tabs.viewit_other_campuses: <b>Online services information from other campuses</b></li> <li>nui.brief.results.tabs.viewit_other_libraries: <b>Online services information from other libraries</b></li> </ul>

## Analytics - Online Services for Other Campuses and Libraries

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	General	Online services from other	The user opened either the <b>Online services information from other campuses</b> or <b>Online services information from other libraries</b> section under the View Online section

Group	Subgroup	Action	Description
		campuses or libraries	on the Full Display page.

## Select Order of Holdings, Availability, and Requests Display in Get It

### June 2020

Previously, the order of the availability labels for holdings in Get It were fixed in the following order: copy, available, and request. With this enhancement you can modify the order of the labels.



### Holdings Availability - Default Configuration

## Configuration Options

In addition to some modifications to the existing availability labels for Get It holdings, the **c.search.htmlCreator.unifiedDisplay** code was added to the GetIt Tile Labels code table to allow you to specify the order of each availability label: copy, available, and requests. To modify the order, move the label's placeholder to the desired position.

```
{{copies_labels}}, {{available_labels}}, {{requests_labels}}
```

The following table lists the codes in the GetIt Tile Labels code table that are associated with each of the availability labels and their translations. A quantity placeholder {0} was prefixed to each label in the code's Description field.

GetIt Tile Labels Code Table

Code	Description
c.search.htmlCreator.unifiedDisplay	Modify the order of the following placeholders to configure the order of the labels:  {{copies_labels}}, {{available_labels}}, {{requests_labels}}
<b>Codes for Labels and Translations:</b>	
c.search.htmlCreator.available	{0} available
c.search.htmlCreator.copy	{0} copy

Code	Description
c.search.htmlCreator.copies	{0} copies
c.search.htmlCreator.noRequests (New)	A separate code for no requests allows you to configure this label differently from one with many requests:  {0} requests
c.search.htmlCreator.request	Used when number of requests is 1:  {0} request
c.search.htmlCreator.requests	Used when number of requests is more than 1:  {0} requests
c.uresolver.getit2.item_list.status.ALL_HOLDING_ITEMS_AWAITING_RESHELVING	{1} available (awaiting reshelving until {0})
c.uresolver.getit2.item_list.status.SOME_HOLDING_ITEMS_AWAITING_RESHELVING	{0} available (some items awaiting reshelving)

## Support Additional Material Types on Purchase Request Form

### June 2020

Previously, users could not specify material types other than Book or Journal, such as DVD. Because this information was not specified, the request was rejected if the library already had that title. With this enhancement, users will be able to specify any of the material types supported by Alma.

To specify a material type, users must select a **Material Type (Electronic or Physical)**, select one of the corresponding types from the **Choose Type** drop-down list (such as Book or DVD), fill out the remaining fields (such as Title), and the select **Submit**:

The screenshot shows a 'Purchase Request' form with the following elements:

- Test** section:  One-Time,  Continuous
- Material Type** section:  Electronic,  Physical
- Choose Type:** A dropdown menu with 'Book' selected, highlighted by a red box.
- Title** field: A text input field with a red asterisk indicating it is required.

## Configuration Options

This functionality is enabled out of the box. If you want to disable the new Material Type field, set its **Display** field to **No** in the Purchase Request Mapping table.

The following table list the new codes that were added to the Purchase Request Labels code table to support the new labels on the form.

New Codes in Purchase Request Labels Code Table

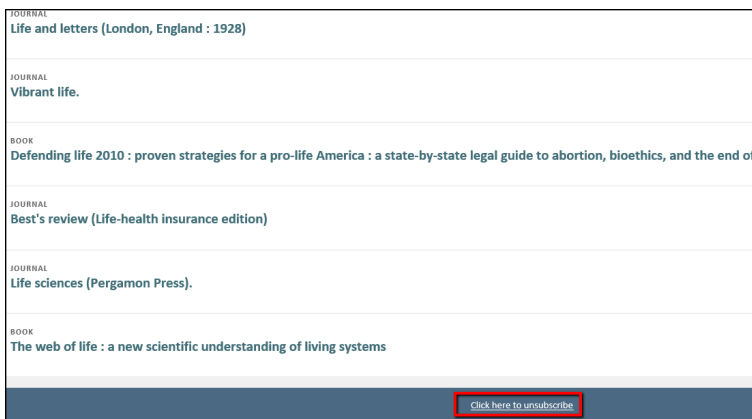
Code	Description
almaPurchaseRequest.materialType	Material Type
almaPurchaseRequest.materialTypeElectronic	Electronic
almaPurchaseRequest.materialTypePhysical	Physical

---

## Unsubscribe from Email Alerts

### June 2020

Previously, users had to sign in to Primo VE and use the My Favorites > Saved Searches page to unsubscribe from email alerts. With this enhancement users will be able to unsubscribe from an email alert by selecting an link at the bottom of the alert email. This link will open your default browser and provide an acknowledgment regarding the success or failure of clearing the email alert.



### Unsubscribe Link Added to Alert Email

## Configuration Options

This functionality is enabled out of the box if you are using the default email template. If you have customized the email template, add the following row to the bottom of the table in the Saved Searches Letter template in Alma (**Configuration Menu > General > Letters > Letters Configuration**):

```
<tr>
  <td style="background-color: #4d6b82; text-align:center; padding: 15px">
```

```

        <a style="color: #fff">
          <xsl:attribute name="href">
            <xsl:value-of select="/notification_data/alert_unsubscribe_link/
node()"/>
          </xsl:attribute>
          <xsl:value-of select="/notification_data/alert_unsubscribe"/>
        </a>
      </td>
    </tr>

```

### Add Link to Last Row in the Saved Searches Letter Template

The following table lists the codes in the code table that allow you to customize and translate the Click here to unsubscribe link and the acknowledgment messages associated with clearing email alerts.

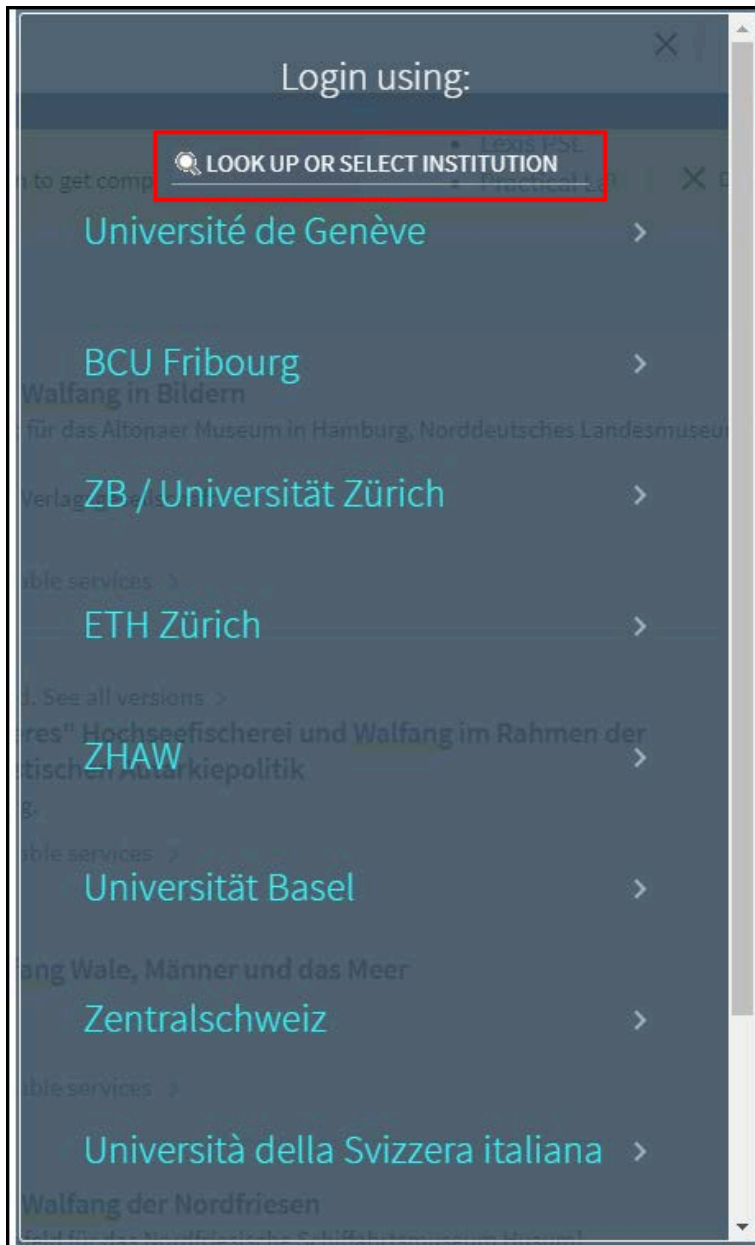
Send Email and SMS Labels Code Table

Code	Description
alert.unsubscribe	Click here to unsubscribe
alert.unsubscribesuccess	You are now unsubscribed
alert.unsubscribefailed	Something went wrong. Please try again.

## Add Institution Search Box to Login Page for Consortia

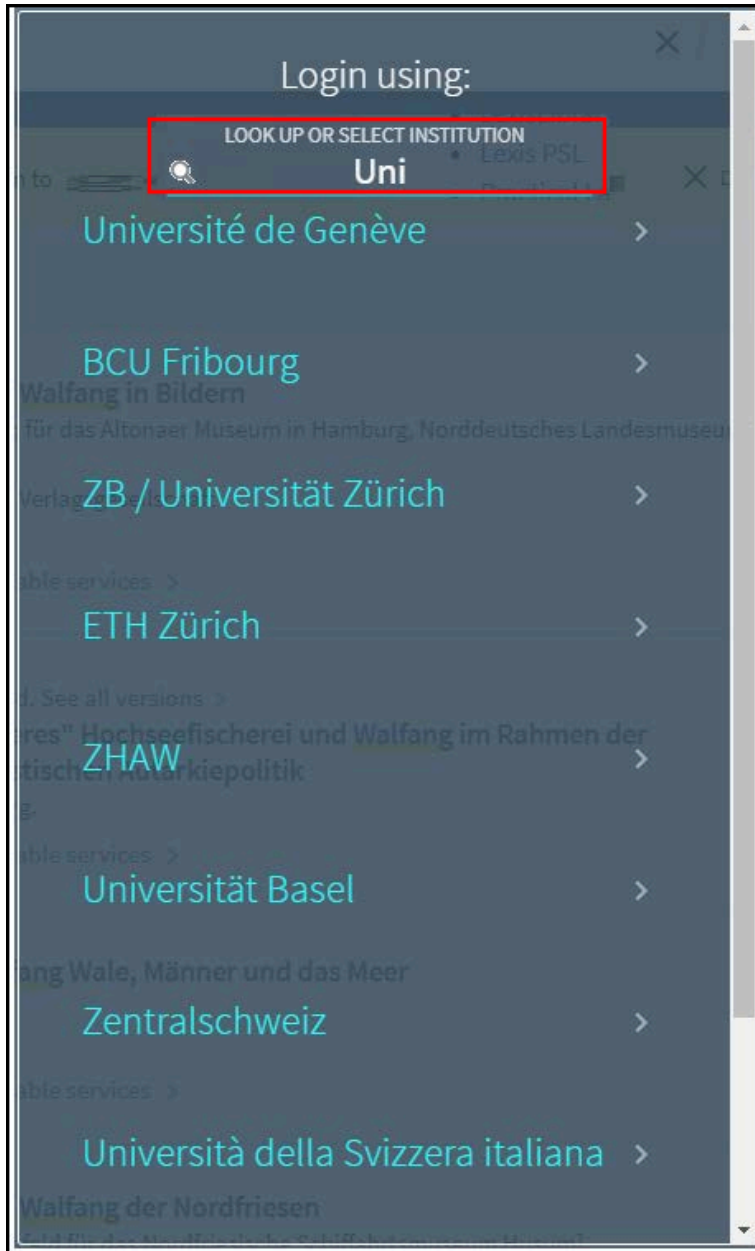
### June 2020

When using the Union view for consortia, this enhancement allows users to find their institutions quickly for consortia who have many institutions to choose from on the Primo VE Login page. Previously, users had scroll down a long list of institutions, which may not have been sorted.



#### Search Box Added to Login Page for Consortium

When users begin to type, the system scrolls to the first institution that matches the search term. Users can add as many characters as necessary to find a specific institution in the list. Once found, the user can then select the institution.



**Search Term Added to Search Box**

## Configuration Options

This functionality is configured out of the box for the Union view. If you want to disable it, add the following CSS to your view's customization package:

The following code in the User Login Labels code table allows you to modify the display text for the search box:

Code	Description
login.union.title	Look up or select institution

---

## Primo VE Search REST API - Option to Minimize Calls

### June 2020

This enhancement improves the performance of the Primo VE Search REST API by adding the following parameters to skip the calls for delivery calculation and facets, respectively: **skipDelivery** and **disableSplitFacets**. This can be useful for cases in which facets and delivery information are not required (for example, when building a bento box). For more details, see [Primo Search API](#) in the Ex Libris Developer Network.

---

## Improved Sticky Facets Behavior (NERS #6125)

### May 2020

This enhancement improves the behavior of sticky facets by allowing users to apply persistence to all active filters in the **Active Filters** section. Previously, persistence had to be applied to each filter individually. In addition, this enhancement includes the following changes:

- Instead of clearing only the non-persistent filters in the **Active Filters** section, the **Reset Filters** option in the **Active Filters** section now behaves like the **Library Search** button in the main menu, which clears all filters in the Active Filters section, including the persistent filters.
- The new **lk** option will be added to the **facet** and **mfacet** parameters in a search's URL to mark the persistent filters. This allows you to reuse the URL later and retain the persistent filters in another search session. For example:

```
https://MyUnv.alma.exlibrisgroup.com/discovery/  
search?query=any,contains,test&tab=LibraryCatalog&search_scope=MyInstitution&vid=PRIMO_OAP_I
```

---

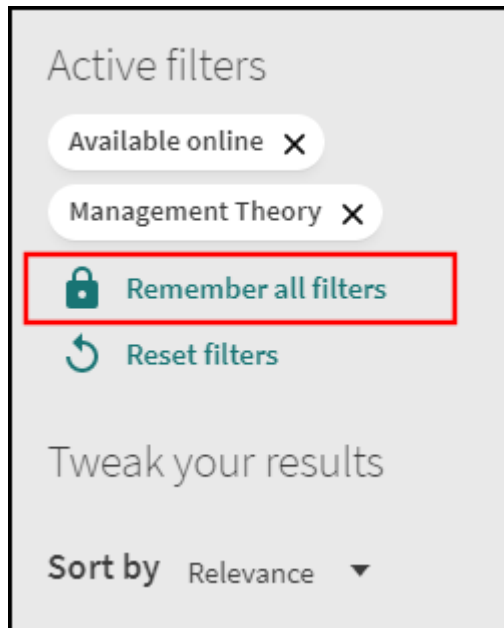
### Note

As in previous releases, removing, modifying, and adding search terms in the search box will continue to retain only the filters that have been made persistent for that search session.

---

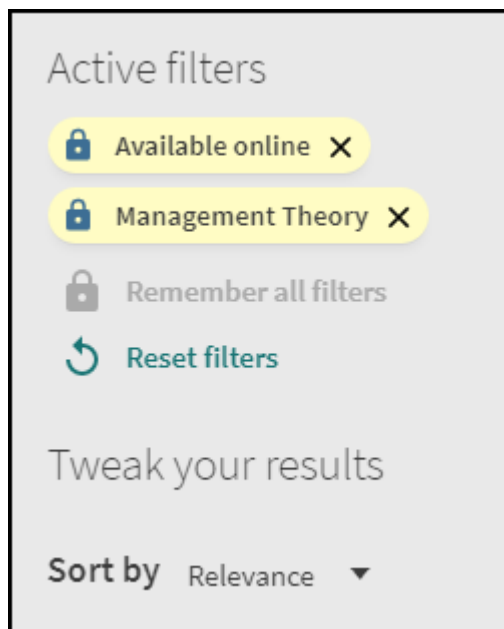
### To make all non-persistent filters persistent:

1. Perform a search and filter your results by selecting one or more facets individually or in bulk. The non-persistent filters have the white background color.



#### Adding All Filters to the Persistence List

2. Select the **Remember all filters** button to make all filters persistent. When made persistent, the system changes the background color of the filter to yellow.



#### Adding Additional Filters to the Persistence List

The system disables the **Remember all filters** button when all filters in the **Active filters** section are persistent.

## Configuration Options

No configuration is necessary to enable this functionality. It is enabled by default.

The following table lists the codes used to customize and translate the display labels and tooltips for this enhancement.

Code Table	Description
Results Tile Labels	<p>The following codes were added for this enhancement:</p> <ul style="list-style-type: none"> <li>nui.facets.rememberFilters: <b>Remember all filters</b></li> <li>nui.facets.remember.tooltip: <b>Make active filters persistent throughout the session</b></li> <li>nui.facets.allLockedAlert.tooltip: <b>All active filters are now locked for this session</b></li> </ul>
aria Labels	<p>The following code was added for this enhancement:</p> <ul style="list-style-type: none"> <li>nui.aria.rememberFilters: <b>Remember all filters</b></li> <li>nui.aria.rememberFiltersDisabled: <b>Remember all filters - Disabled</b></li> <li>nui.aria.rememberFilters.enableControls: <b>Unlock active filters or Select more filters below to enable the remember all button</b></li> </ul>

## Analytics - Sticky Facets

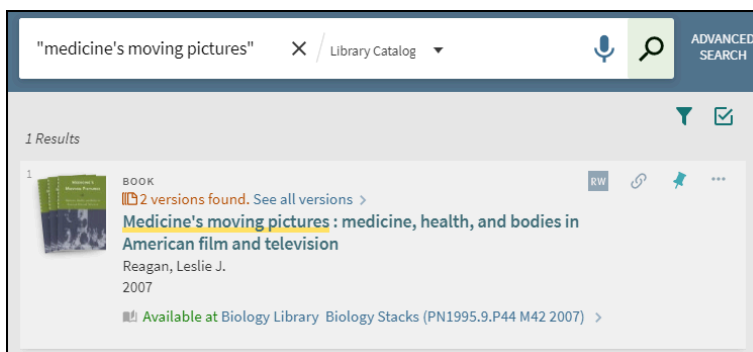
To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Results List	General	Remember All Filters	The user selected the <b>Remember all filters</b> option.

## Support Configuration of the Preferred Record for FRBR (NERS #6230)

### May 2020

Previously, the preferred record for FRBR groups was based solely on the ranking of the top 10 records in the FRBR group (see [Configuring the Ranking of Search Results in Primo VE](#)). With this enhancement, the preferred record is taken from the 10 highest ranked records in the FRBR group that matches one or more of the following configurable criteria: resource type, date, and availability. Otherwise, the preferred record is set to the highest ranked record in the FRBR group.

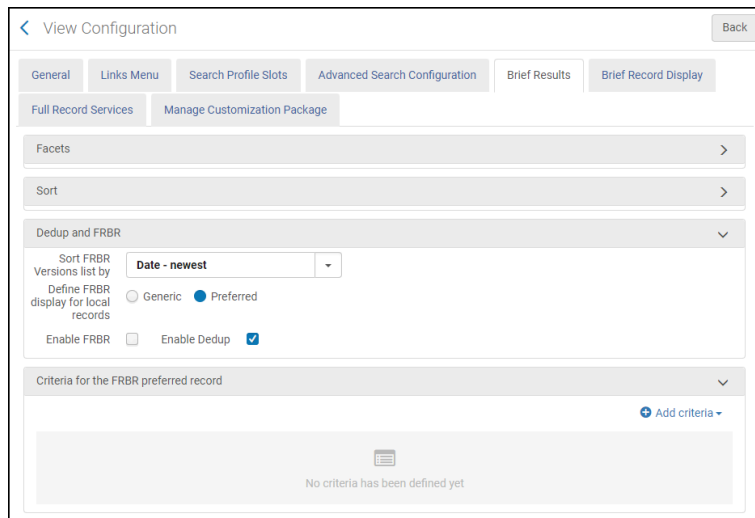


### FRBR Preferred Record Based on Availability of Physical Records

## Configuration Options

The **Criteria for the FRBR preferred record** section has been added to the Brief Results tab on the View Configuration page ([Configuration Menu > Discovery > Display Configuration > Configure Views](#)), but it appears only when the **Define FRBR display for local records** field is set to **Preferred** and the **Enable FRBR** check box is selected. You can add a single row for each of the following types of criteria so that precedence is given to the highest-ranked record in the FRBR group that first matches your criteria, starting from the top of the list:

- **Date - Newest** – Precedence is given to the record with the newest publication date.
- **Resource Type** – Precedence is given to a record of a specific resource type (such as book or journal).
- **Availability** – Precedence is based on its delivery category: physical (ALMA-P), electronic (ALMA-E), or digital (ALMA-D).



The screenshot shows the 'View Configuration' page with the 'Brief Results' tab selected. The 'Dedup and FRBR' section is expanded, showing the following settings:

- Sort FRBR Versions list by: **Date - newest**
- Define FRBR display for local records:  Generic  Preferred
- Enable FRBR:  Enable Dedup:

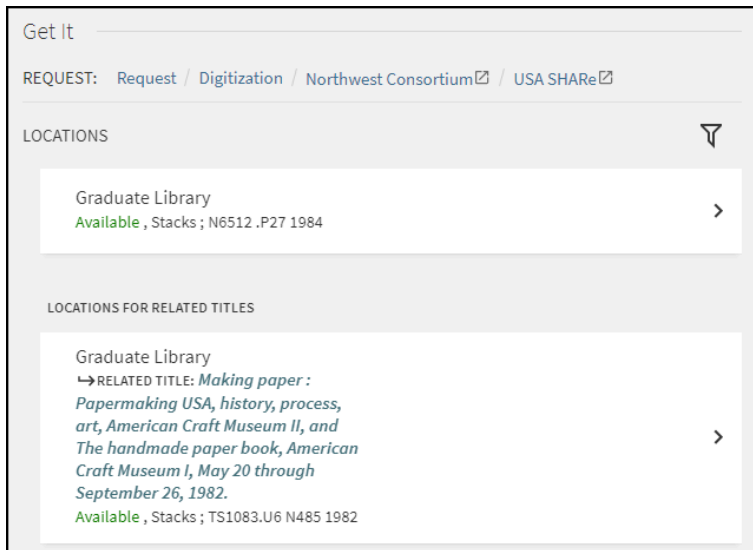
The 'Criteria for the FRBR preferred record' section is also expanded, showing an 'Add criteria' button and a message: 'No criteria has been defined yet'.

### View Configuration Page - Brief Results Tab

## Configure the Display of Related Records in Get It (Alma NERS #5340)

### May 2020

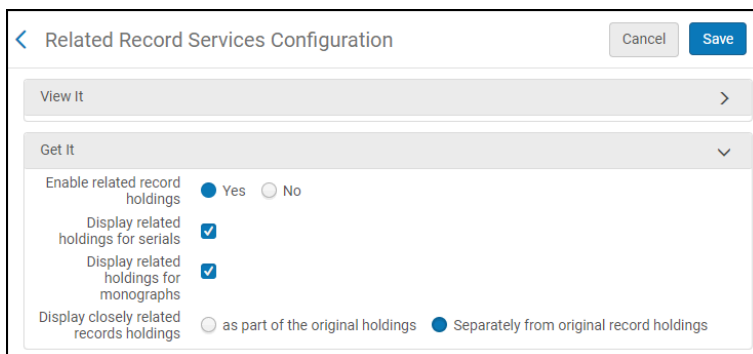
As with related records in View It, this enhancement allows you to enable/disable the display of related records for physical holdings (Get It) based on whether the item is a serial, a monograph, or a closely related item.



### Locations for Related Titles in Get It

## Configuration Options

The ability to enable/disable the display of related records is configured with the new Get It section on the Related Record Services Configuration page in Alma ([Configuration Menu > Fulfillment > Discovery Interface Display Logic > Related Records](#)). For more information, see [Enabling the Display of Related Records in Primo VE](#).

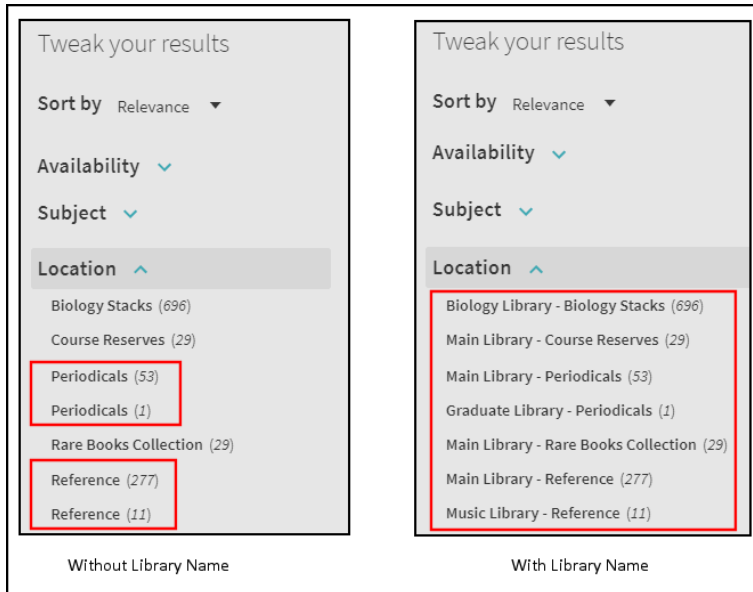


### Related Record Services Configuration Page in Alma

## Include Library Names in Location Facet

### May 2020

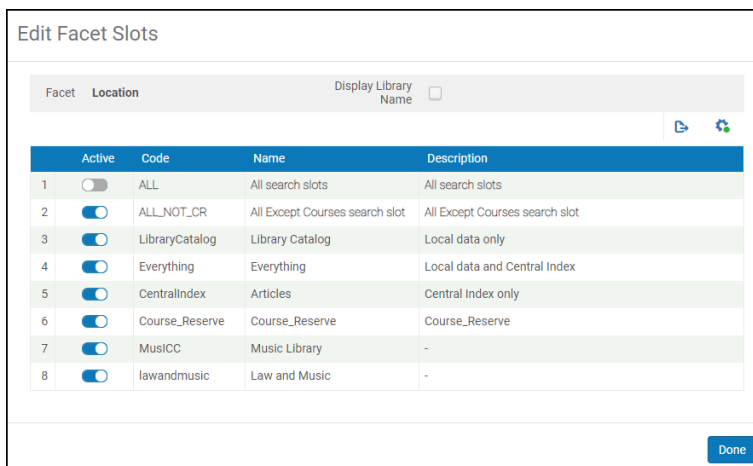
Because location names in Alma are not unique, institutions that have the same location name in multiple libraries (such as **Periodicals**) will see repeated values in the Location facet, which makes it difficult to select a location for a specific library. With this enhancement, you will be able to display the library name with each location (such as **Main Library - Periodicals**).



### Location Facet Options

## Configuration Options

By default, the same location name will be repeated in the Location facet if multiple libraries use the same location. If you want to associate each location with a specific library, select the **Display Library Name** field in the Edit Facets Slots dialog box for the Location facet. For more information, see [Configuring Facets on the Brief Results Page](#).



### View Configuration Page - Brief Results Tab

## Export to Mendeley

### May 2020

This enhancement allows users to export records from various places (such as from the brief and full displays and My Favorites) in the UI to their Mendeley accounts.



### Mendeley Export Action in Brief Display

For more details about this new export option, see the following pages:

- [Export to Mendeley for Primo VE](#)
- [Exporting Records from Primo VE](#)

### Configuration Options

The following table lists the settings used to configure this functionality.

Element	Description
View Configuration > Brief Results tab	The <b>Push record to Mendeley</b> code enables the Mendeley export action in the UI. It is disabled by default.
Discovery > Other > Customer Settings	<p>After you have registered your Primo VE server with the Mendeley application (see <a href="#">Registering Your Primo VE Institution</a>), specify the following fields to configure the connection between your Primo VE server and the Mendeley application:</p> <ul style="list-style-type: none"> <li>• <b>mendeley_application_id</b> – Enter your Mendeley application ID.</li> <li>• <b>mendeley_secret</b> – Enter the secret value for your Mendeley application.</li> <li>• <b>mendeley_redirect_uri</b> – Enter the redirect URL for your Mendeley application. Use the following format for your Primo server:   <code>&lt;Primo_VE_host_name&gt;/primaws/mendeleyPost?vid=&lt;Primo_VE_view_code&gt;</code> </li> </ul> <p>For example:</p> <pre>https://myInst.primo.exlibrisgroup.com/primaws/mendeleyPost?vid=01WRLC_INST:01WRLC_VIEW</pre>
Keeping this Item Tile Labels code table	<p>The following codes support this functionality:</p> <ul style="list-style-type: none"> <li>• link.title.commands.tile.accessibility.pushto.Mendeley: save record in Mendeley (opens in a new window)</li> <li>• fulldisplay.command.pushto.option.Mendeley: Mendeley</li> <li>• nui.mendeley.message.exported: Exported to Mendeley:</li> <li>• nui.mendeley.message.failed: Export to Mendeley failed</li> <li>• nui.mendeley.message.exporting: Exporting to Mendeley</li> </ul>

Element	Description
aria Labels code table	<p>The following codes support this functionality:</p> <ul style="list-style-type: none"> <li>nui.aria.mendeley.exporting: Exporting to Mendeley</li> <li>nui.aria.mendeley.exported: Exported to Mendeley</li> <li>nui.aria.mendeley.failed: Export to Mendeley failed</li> </ul>

## Add the Willing to Pay Option to Resource Sharing Requests

### May 2020

Previously, Alma allowed staff to indicate whether a customer is willing to pay for a resource sharing request, but users were not permitted to specify this option themselves from the Resource Sharing Request Form in Primo VE. With this enhancement, the **Willing to Pay** check box has been added to the form to allow users to specify this option in Primo VE.

The screenshot shows the 'Resource Sharing' form with various input fields and radio buttons. The 'Willing To Pay' checkbox is highlighted with a red rectangular box. The form includes fields for Citation type (Book selected), Title, Author, Edition, ISBN, Publisher, Publication year, Pages, Format (Physical selected), Address, Email, Preferred Pickup In... (Alma University), Allow Other Library, Preferred Local Pickup Locat..., Resource Sharing Library, and Comment. At the bottom, there are buttons for 'RESET FORM', 'CHECK AVAILABILITY', and 'SEND REQUEST'.

### Resource Sharing Request Form

## Configuration Options

The **Willing to Pay** field has been added to the Delivery Fields section on the Resource Sharing Form Customization page ([Configuration Menu > GetIt Configuration > Resource Sharing Request](#)) to enable/disable the display of the **Willing to Pay** field on the form. By default, this field is hidden on the form.

The `almaResourceSharing.willingToPay` code has been added to Resource Sharing Labels code table to customize and translate the display label.

---

## Configuring Local Resource Types in the Network Zone

### May 2020

For consortia, this enhancement allows the Network Zone (NZ) institution to configure local resource types so that each member institution will not have to configure them at the Institution Zone (IZ) level. The display of local resource types defined at the NZ level will be overridden by the member institution's local resource type definitions. If a code is not found in either the NZ or the member's institution, the system will display the code for the local resource type as it did in previous releases.

### Configuration Options

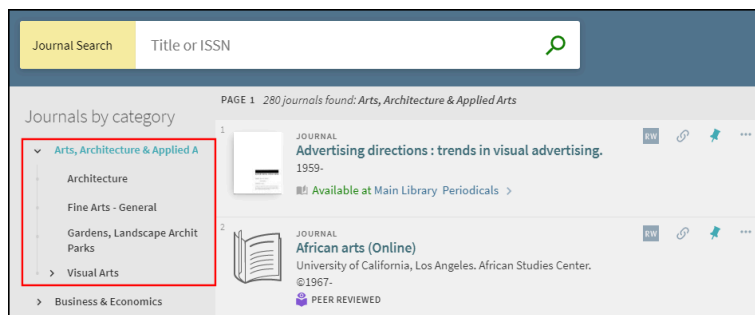
No new configuration is necessary, but any local resource types configured at the NZ level will be shared with its member institutions.

---

## Improved Display of Subcategories for Database and Journal Searches

### May 2020

Previously, users had to select the greater-than sign (>) to display a category's subcategories on the Database Search and Journal Search pages. With this enhancement, users can also select a category name to display its subcategories in addition to its results list.



Category Expanded to Display Subcategories on Journal Search Page

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## New SAML Certificate

### May 2020

The current DigiCert SAML Certificate will expire in January 2021. If your institution uses this certificate, Ex Libris recommends that you consult with the IT dept. in your institution, and if required, replace the certificate for Alma and/or Primo VE. If replacing the certificate, this must be done in coordination with your IDP. For more information, see [Replacing a Signed Certificate](#).

If your institution uses ADFS, Ex Libris highly recommends that you replace the certificate to avoid any complications.

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### Note

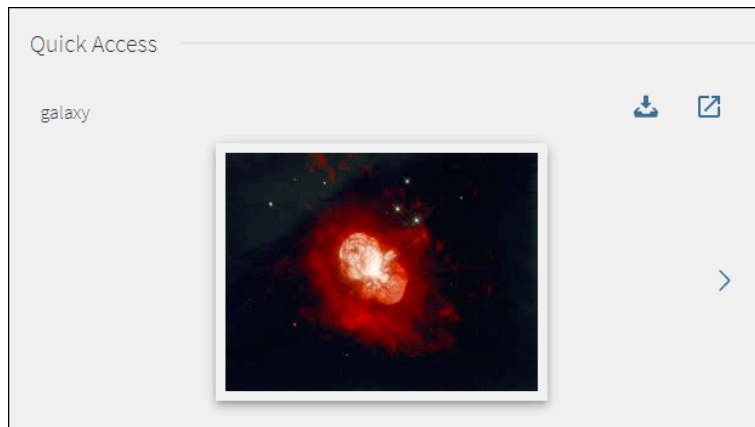
No immediate action is needed. Replacing the certificate can be done at any time until its expiration on January 1, 2021.

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## Quick Access: Embedded Alma Digital Viewer in Full Display

March 2020

This enhancement allows you to embed Alma's new digital viewer in the new Quick Access section of the record's full display. This allows users to quickly access and view digital representations stored in Alma. From the embedded viewer, you can download the file, display the representations in the Alma digital viewer, or select the right/left arrows to view additional representation files.



### Quick Access Section in Full Display

#### Note

For mobile devices, this enhancement will be available in an upcoming release.

## Configuration Options

To support this functionality, the new **QuickAccess** service has been added to the Full Record Services tab on the View Configuration page (**Configuration Menu > Discovery > Display Configuration > Configure Views**). No configuration in Primo VE is needed to enable this functionality, but you must have the new Alma Viewer enabled.

The following table lists other configuration options associated with this enhancement.

Option	Description
Change the order of the Quick Access section on the Full Display page.	On the View Configuration page ( <b>Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</b> ), edit your view, select the Full Record Services tab, and use the up/down arrow to move the new quickAccess code to a new position on the Full Display page.  For more information, see <a href="#">Configuring Discovery Views for Primo VE</a> .
Modify the labels associated with the Quick Access section on the Full Display page.	The following code has been added to the GetIT! Tab1 Labels code table: <ul style="list-style-type: none"><li>nui.brief.results.tabs.quickAccess: Quick Access</li></ul> For more information, see <a href="#">Configuring Display Labels for Primo VE</a> .
Enable the new Alma Viewer	On the Viewer Services page ( <b>Configuration Menu &gt; Fulfillment &gt; Discovery Interface Display Logic &gt;</b>

Option	Description
so that it can be embedded in Primo VE.	<b>Viewer Services</b> ), edit the Alma Viewer service and select the <b>Use New Viewer</b> check box.
Modify the display logic rules for quick access representations.	<p>On the Discovery Interface Display Logic Rules page (<b>Configuration Menu &gt; Fulfillment &gt; Discovery Interface Display Logic &gt; Display Logic Rules</b>), check the settings of the following out-of-the-box rules:</p> <ul style="list-style-type: none"> <li>• <b>Hide service Representation Quick Access</b> - When enabled, the Quick Access section is hidden in Primo VE.</li> <li>• <b>Hide service Representation Quick Access with Obtrusive Copyrights (Alma representations only) = true</b> - When enabled, the Quick Access section is hidden in Primo VE when obtrusive copyrights are enabled.</li> </ul> <p>You can create additional rules to hide the embedded viewer with the new <b>Representation Quick Access</b> service.</p>

## View It from Other Institutions

### March 2020

This enhancement allows members of a consortium to display View It services for Alma electronic and digital records from other member institutions on the Full Display page. When enabled, a new **Online services information from other institutions** section will appear collapsed under the View Online section on the Full Display page.

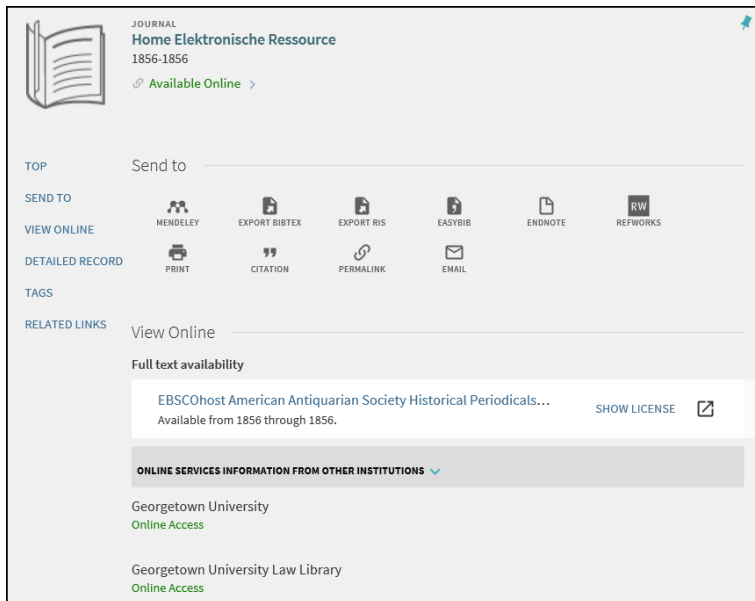
### Note

The View It information from other institutions is informative only and does not contain any links to online resources belonging to other institutions.

The screenshot shows a Primo VE record page for a journal titled "Home Elektronische Ressource" (1856-1856). The page includes a "View Online" section with a "Full text availability" indicator. Below this, there is a link for "ONLINE SERVICES INFORMATION FROM OTHER INSTITUTIONS" which is highlighted with a red box. The page also features a "Send to" section with various options like Mendeley, Export BibTex, etc., and a "Related Links" section.

### Collapsed Online Services Section

If users are interested in services from other institutions, they can open the section to display all other institutions that have online services.



### Online Services from Other Institutions

## Configuration Options

The following table describes the various configuration options to enable and customize this enhancement.

Element	Description
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	For each member institution and the Union View, the <b>Display online services from member institutions</b> field has been added to the General tab to allow institutions to display View It services from other member institutions.
All Code Tables page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Labels</a> )	The following code has been added to the ViewIt Labels code table to allow you to customize and translate the new section under the View Online section on the Full Display page: <ul style="list-style-type: none"> <li>nui.brief.results.tabs.viewit_other: <b>Online services information from other institutions</b></li> </ul>

## Analytics - Online Services for Other Institutions

To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	General	Online services from other institutions	The user opened the <b>Online services from other institutions</b> section under the View Online section on the Full Display page.

## Support Local Extensions for CZ Bibliographic Records

### March 2020

This enhancement adds support for the following local fields defined in Alma CZ records: 009, 09X, 59X, 69X, 77X, 78X,

and 9XX. This allows users to search for and display information from these local display, facet, and search fields in Primo.

In Alma, CZ records that contain a local field with subfield \$\$9 set to **local** are considered local to your institution, and any information stored in this field is not viewable by other institutions and is not overwritten when changes are made to the CZ record by the community. For information on how to add local extensions in Alma, see [Working with Local Extension Fields for Community Zone Records](#).

For example:

```
<datafield tag="913" ind1=" " ind2=" ">
<subfield code="a">test_local</subfield>
<subfield code="9">local</subfield>
</datafield>
```

For more information, see [Support Local Extensions for CZ Bibliographic Records](#).

## Configuration Options

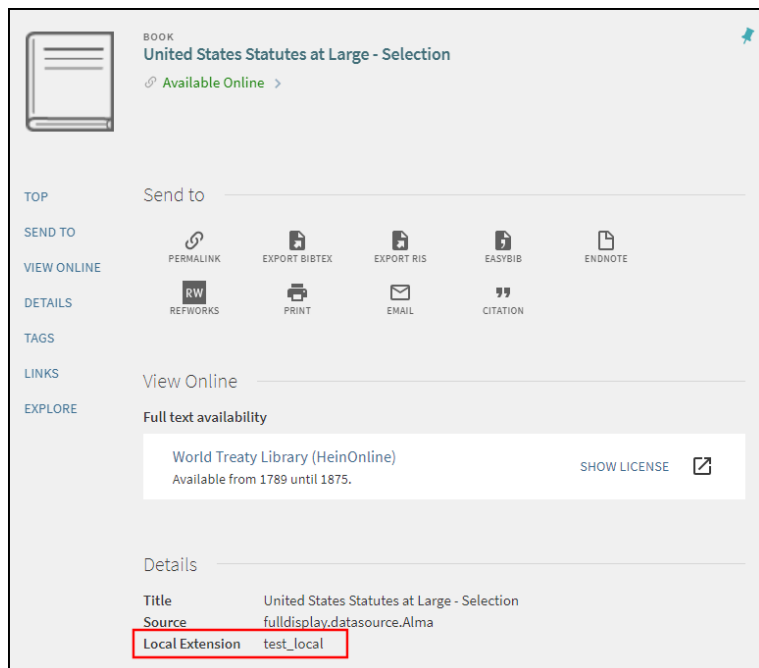
To support these local fields in Primo VE, you must configure the following:

1. Open the Manage Display and Local Fields page (**Configuration Menu > Discovery > Display Configuration > Manage Display and Local Fields**), and add a local field for the local extension defined in Alma.

The screenshot shows the 'Define a Local Field' configuration page. At the top, there are 'Back' and 'Save' buttons. Below that, there are dropdowns for 'Field to edit' (set to 'local\_field\_09') and 'Display label' (set to 'Local Extension'). The page is divided into three main sections: 'Local field details', 'MARC21 Fields', and 'MARC21 Normalization Rules'. The 'Local field details' section has checkboxes for 'Enable field for search' (checked), 'Enable field for facet' (checked), and 'Use Translations' (unchecked). There are also two unchecked checkboxes for 'Use the parallel Local Field 01/50 from the Dublin Core record' and 'Use full text links for indexing'. The 'MARC21 Fields' section shows a table with one row: '1 913'. The 'MARC21 Normalization Rules' section shows a table with one row: '1 MARC21 normalization rule for display -'. Each row in the tables has a three-dot menu icon to its right.

### Add Local Field for Local Extension

2. On the View Configuration page (**Configuration Menu > Discovery > Display Configuration > Configure Views**), add the local field to the following tabs as needed to your Primo VE view: Advanced Search Configuration (search index), Brief Results (facet), and Full Record Services (details). The following example shows that the local display field has been added to the Details section on the Full Display page.

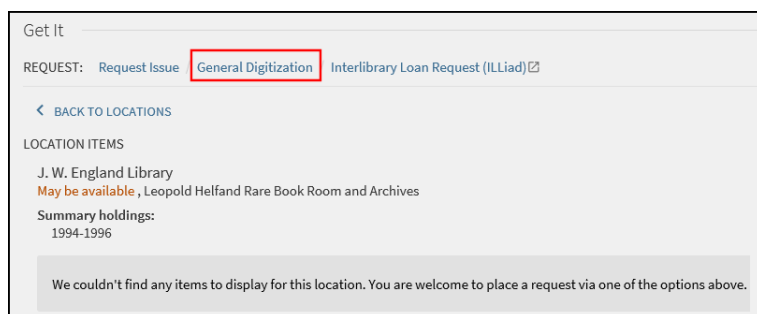


**Local Display Field Added to Details Section on the Full Display Page**

## Allow General Digitization Requests for Records with No Items

### March 2020

Previously, patrons could place digitization requests only for a specific item or for an item that is not one of the items in the list (which is referred to as Digitization Other). With this enhancement, you can now offer a general digitization request when holdings have no items.



### General Digitization Request on Full Display Page

Selecting the General Digitization link opens the General Digitization Request Form:

Digitization Request

\* Manual description

Partial

Full Chapter?

Not needed after

### General Digitization Request Form

## Configuration Options

No configuration in Primo VE is needed to enable this functionality. The following table lists other configuration options associated with this enhancement.

Option	Description
Modify the labels associated with this enhancement.	<p>To support the labels associated with this enhancement, new codes were added to the following code tables:</p> <ul style="list-style-type: none"> <li>Request Options Labels: <ul style="list-style-type: none"> <li>AlmaGeneralDigitization: <b>General Digitization</b></li> </ul> </li> <li>Digitization Labels: <ul style="list-style-type: none"> <li>almaGeneralDigitization.header: <b>General Digitization Request</b></li> </ul> </li> </ul> <p>For more information, see <a href="#">Configuring Display Labels for Primo VE</a>.</p>
Modify the display logic rules for general digitization requests.	<p>On the Discovery Interface Display Logic Rules page (<b>Configuration Menu &gt; Fulfillment &gt; Discovery Interface Display Logic &gt; Display Logic Rules</b>), You can create rules to hide the general digitization request option with the new <b>General Digitization Request</b> service.</p>

## Enhanced Custom Search Scopes with Course Code

### March 2020

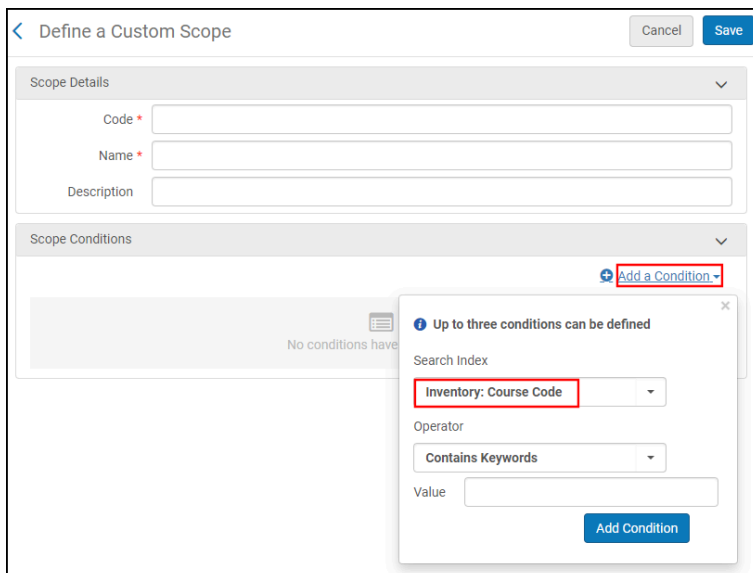
This enhancement allows you to create custom search scopes that allow you to distinguish records that have a course code

that either matches or includes specified text.

## Configuration Options

To support this functionality, the Define a Custom Scope page ([Configuration Menu > Discovery > Search Configuration > Search Profiles > Custom Local Data Scopes tab](#)) allows you to specify conditions that include the new **Inventory: Course Code** search index. When selected, this index allows you to specify the following fields in the Add Conditions dialog box:

- **Operator** – The new search index supports the following types of operators:
  - **Contains Keywords** – Allows you to match course codes that contain these keywords.
  - **Doesn't Contain Keywords** – Allows you to match course codes that do not contain these keywords.
  - **Contains Exact Phrase** – Allows you to match course codes that match the phrase exactly.
  - **Doesn't Contain Exact Phrase** – Allows you to match course codes that do not match the phrase exactly.
- **Value** – Based on the selected operator, specify the keyword or exact phrase that will be used to satisfy the condition.



The screenshot shows the 'Define a Custom Scope' dialog box. It has two main sections: 'Scope Details' and 'Scope Conditions'. The 'Scope Details' section has fields for 'Code', 'Name', and 'Description'. The 'Scope Conditions' section has an 'Add a Condition' button. A modal dialog is open over the 'Add a Condition' button, showing a message 'Up to three conditions can be defined'. The modal has a 'Search Index' dropdown menu with 'Inventory: Course Code' selected, an 'Operator' dropdown menu with 'Contains Keywords' selected, and a 'Value' text input field. There is an 'Add Condition' button at the bottom of the modal.

### Add Conditions to Custom Search Scope

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#### Note

For consortia, the **Course Code** search index appears only when the Scope Population is **My Institution**.

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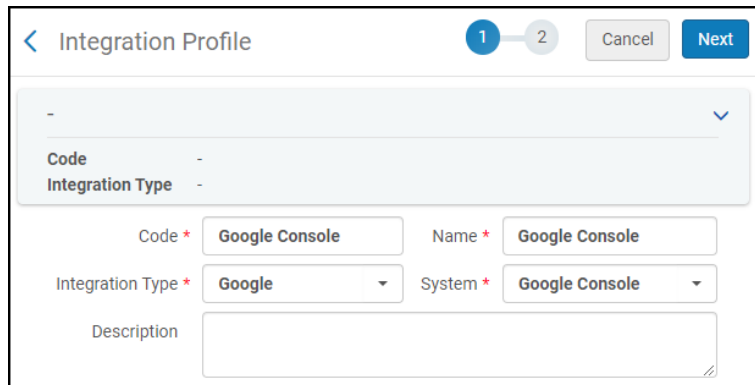
## Access to Google Search Console

### March 2020

Google Search Console provides tools to allow you monitor the activity of your website. With this enhancement, you can allow Google to monitor the activity of your Primo VE institution and any Google sitemap files that you have created. For information on creating Google sitemap files, see [Configuring Sitemap Files for Primo VE](#).

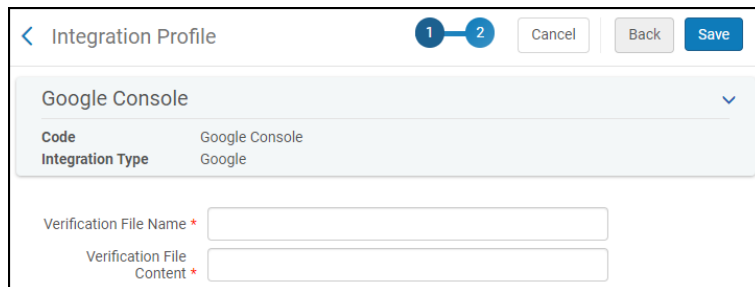
## Configuration Options

To configure this functionality, the Google integration profile has been added (**Configuration Menu > General > External Systems > Integration Profiles**). For more details, see [Integrating the Google Search Console with Primo VE](#).



### Google Integration Profile - Page 1

Before you complete the next step of the integration, you must first get the verification information from Google:



### Google Integration Profile - Page 2

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## Improved Email Template for Send To Email Action

### March 2020

This enhancement allows you to customize the format of emails sent to users after selecting the Send To Email action in the new Primo UI. To support this customization in Primo VE, you are now permitted to modify the email template, which can be modified with or without Primo Studio. With either option, you must upload the customized email templates with the Customization Package Manager in Alma. In addition, you can create separate email templates for each supported language in the UI. For more details, see the webinar:

**Primo Spotlight - Creating and Customizing Email Templates** ([YouTube](#), [WebEx](#), or [PDF](#))

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### Note

- The email template for Primo VE supports a maximum of 50 records. If a user sends more than 50 records, the system will revert to the classic email template, which was used in previous releases.
- For security reasons, all links will be removed from your email template.

---

The following figure shows the sample output of the out-of-the-box Email template for Primo VE.



### Example Email for Send To Email Actions in Primo VE

The Email template is in HTML format and includes the following sections:

- Logo – Displays the logo, which is taken from your view's customization package.
- Institution note – Displays the text configured with the following code in the Send Email and SMS code table: **default.nui.email.institutionNote**. By default, this field has no value and will not display if left empty.
- List of records – For each record, the email displays the record's brief display and availability statement.
- Disclaimer – Displays the text configured with the following code in the Send Email and SMS code table: **default.nui.email.disclaimer**.

## Configuration Options

The **email\_<language>.html** template files (such as **email\_en\_US.html**) allow you to configure the layout and format of the emails (per supported UI languages) that are sent when users perform the Send To Email action in Primo VE. For more details and examples of how to customize the email templates, see the following page on GitHub:

[https://github.com/ExLibrisGroup/primo-explore-package/tree/master/VIEW\\_CODE/html#email-templates](https://github.com/ExLibrisGroup/primo-explore-package/tree/master/VIEW_CODE/html#email-templates)

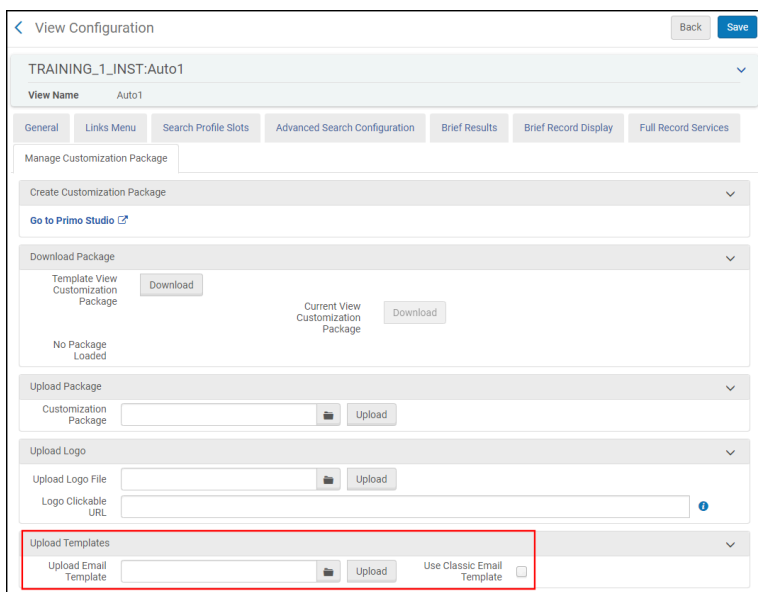
### Note

- If you decide to customize the out-of-the-box email template and your view supports additional languages, you must create and upload a separate template file for each language (including the default **email\_en\_US.html** file).
- The alignment of the email's text is based on the settings of the email client.

After you have created or modified any email template files, edit your view (**Configuration Menu > Discovery > Display Configuration > Configure Views**), select the Manage Customization Package tab, and then use one of the following methods to upload the email template files to the UI:

- Store the custom email template files under the **html** directory in your view's customization package and upload the entire customization package.

- Use the new **Upload Email/Print Template** section to upload only the email template files. If you have not uploaded a customization package for your view, this option will create one for you and store the custom email template files under the **html** directory.

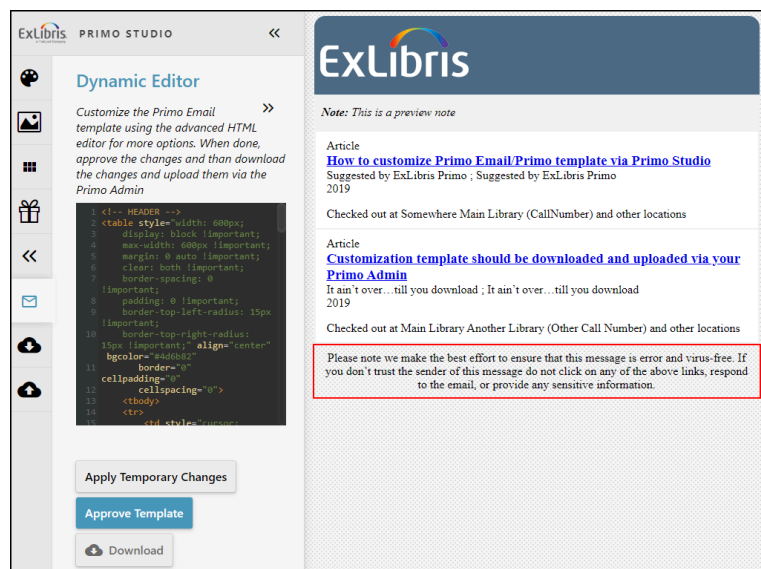


### View Configuration Page - New Upload Templates Section

If you want to delete an email template file, remove the email template file under the html directory in the view's customization package and upload the modified package to the UI. If you want to revert to the out-the-box email template, remove all email templates under the html directory in the view's customization package and upload the modified package to the UI.

## Primo Studio

For easier customization, the Email section has been added to Primo Studio to allow you to edit the template, view your changes, and download the updated template to your local workstation so that it can be uploaded with the UI Customization Package Manager in Alma.



### Primo Studio

In the left-hand pane, you can perform the following operations:

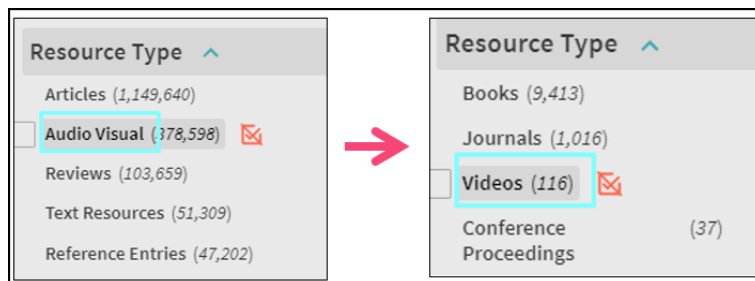
- **Text Box Editor** – In the text box, modify the current template as needed.
- **Apply Temporary Changes** – Displays an example of your customizations to the email template in the right-hand pane.
- **Approve Template** – Saves your changes to the **email\_en\_US.html** file.
- **Download** – Downloads the updated **email\_en\_US.html** file to your workstation. If this template is intended to support another language, make sure that you rename it before uploading it to the UI.

---

## Separation of Audio Visual Facet in CDI

### March 2020

Primo VE has added separate Resource Type facets for Audio and Video, which allows users to filter their audio/visual results separately for CDI searches.



### Splitting Audio Visual Facet in CDI Searches

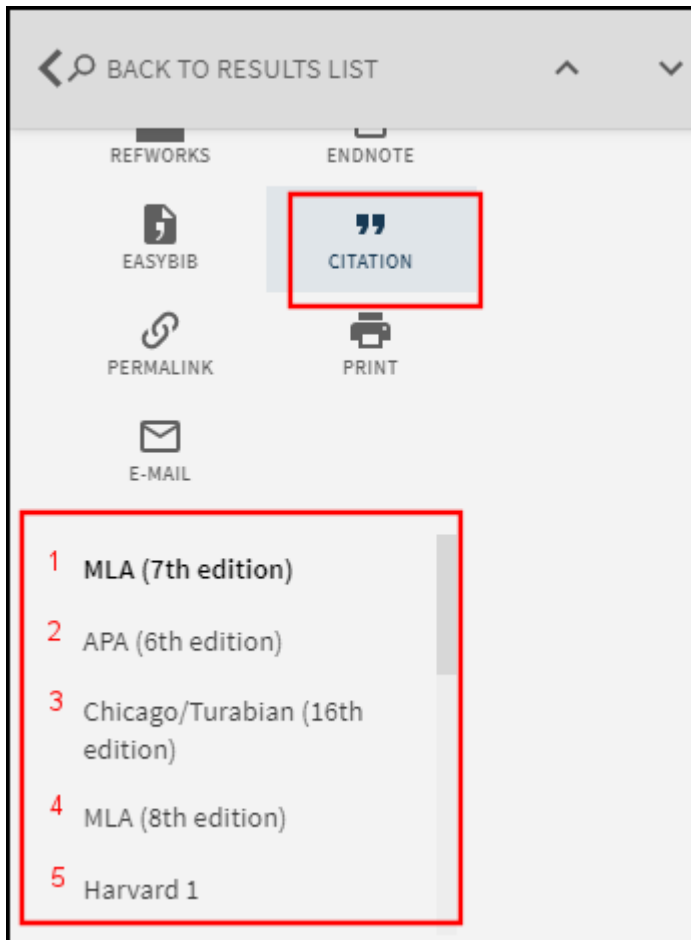
For more information regarding the new CDI resource Types, see [Resource Types in CDI](#).

---

## Support Usage Information for the Order of Citation Styles

### March 2020

This enhancement enables Primo Analytics to track the number of times citation styles by position (a maximum of 20 styles) are selected using the Export to Citation action. This usage information allows you to determine which styles are used the most and to set the order of the styles accordingly.



### Track Citation Usage by Position

## Analytics - Citation Style

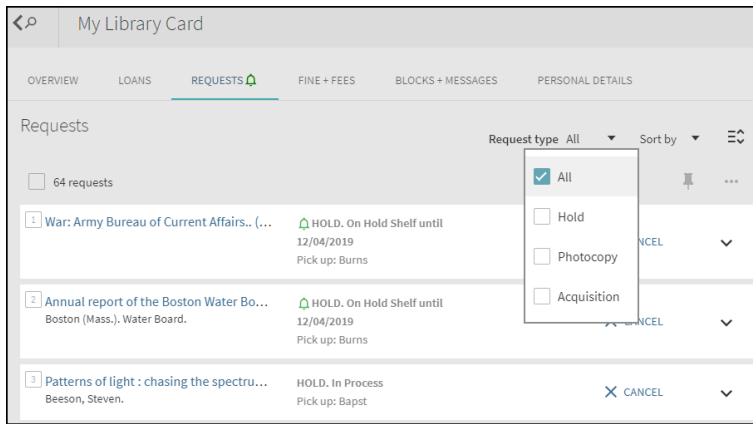
To support this functionality, the following action has been added to the Action Usage subject area:

Group	Subgroup	Action	Description
Document	Citation Style	Citation Style 1, Citation Style 2, ..., and Citation Style 20	The user selected the citation style at position 1 through 20.

## New Request Type Filter in My Library Card

### March 2020

The new **Request type** filter in My Library Card allows users to select one or more request types to filter loan requests based on the selected request types. All selected requested types will appear next to the Request type label.



## Requests Tab in My Library Card

### Note

The types displayed in the **Request type** drop-down list include only the types that are relevant to the requests in each user's Requests List.

## Configuration Options

No configuration in Primo VE is needed to enable this functionality, but you can customize any of its related display labels:

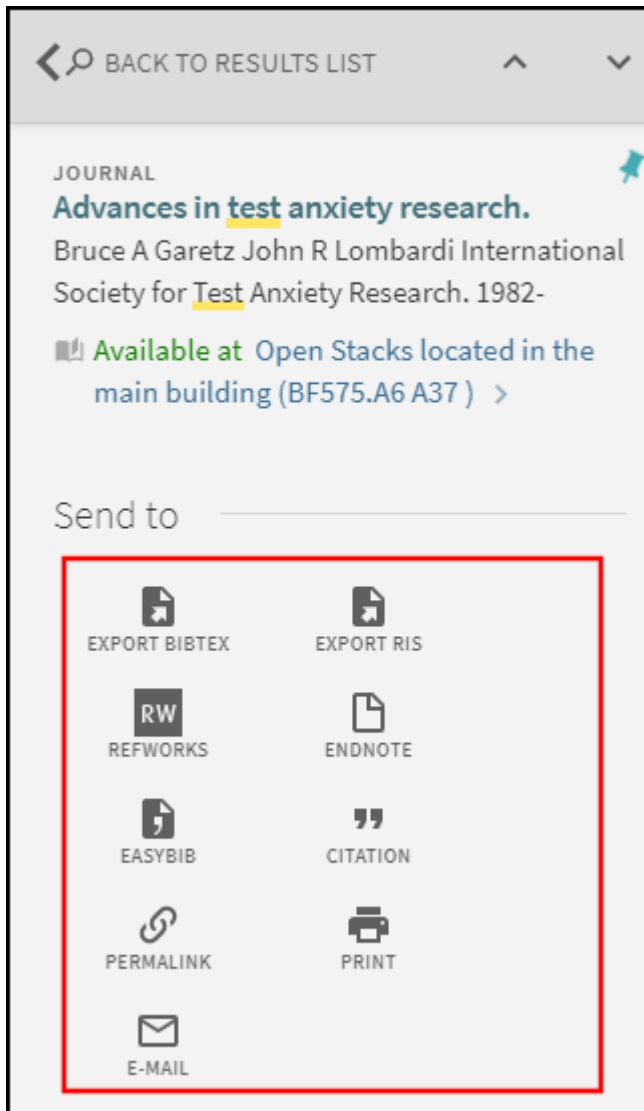
Code Table	Description
Library Card Labels	<p>The following codes define the general labels associated with the name of the filter and the <b>All</b> option:</p> <ul style="list-style-type: none"> <li>nui.librarycard.request.filter_value_all: <b>All</b></li> <li>nui.librarycard.request.filter_request_type: <b>Request type</b></li> </ul> <p>For more information, see <a href="#">Configuring Display Labels for Primo VE</a>.</p>
Requests List Labels	<p>The following codes define the labels associated with each type of request:</p> <ul style="list-style-type: none"> <li>request.acq.request_type: <b>Purchase</b></li> <li>request.holds.request_type: <b>Request</b></li> <li>request.ill.request_type: <b>ILL</b></li> <li>request.photocopies.request_type: <b>Digitization</b></li> <li>request.callslips.request_type: <b>Callslip</b></li> <li>request.shortloans.request_type: <b>Shortloan</b></li> <li>request.bookings.request_type: <b>Booking</b></li> </ul> <p>For more information, see <a href="#">Configuring Display Labels for Primo VE</a>.</p>

## Improved User Experience on Mobile Devices - NERS #6290

February 2020

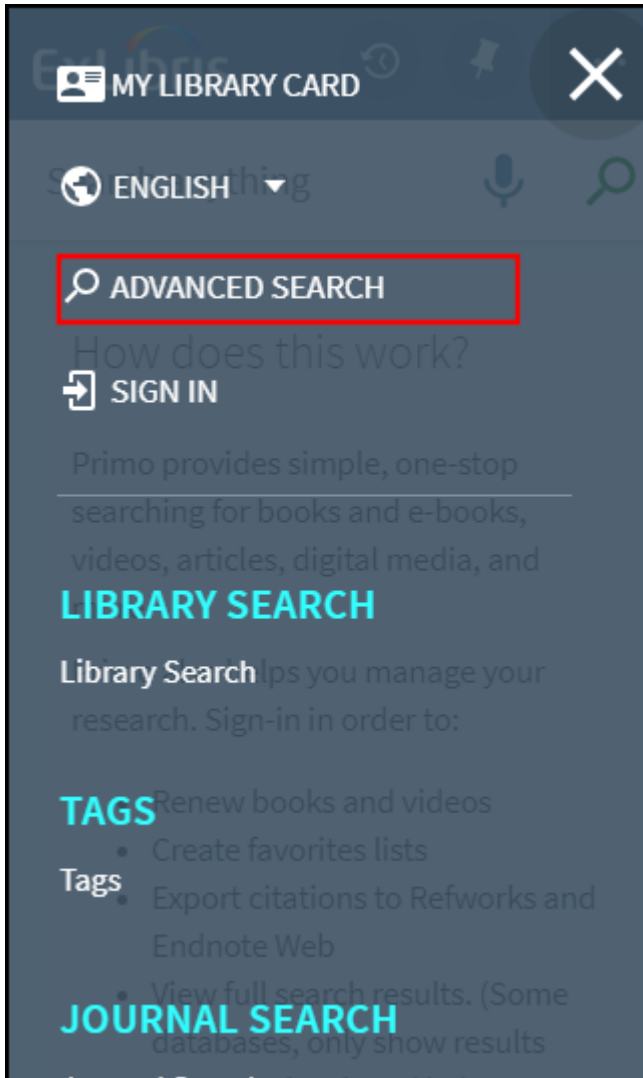
This enhancement improves the user experience on mobile devices based on usability testing and customer feedback. For more technical details on the following mobile improvements, see [New UI Javascript Third Parties Changelog](#) in the Ex Libris Developer Network:

- Improved navigation of send-to actions on the Brief and Full Display pages.



All Actions Displayed on the Full Display Page

- Moved the link to access the Advanced Search page to the User Area.



#### Advanced Search Link in Primo User Area

- Displayed the Tweak my results



, Personalize my results



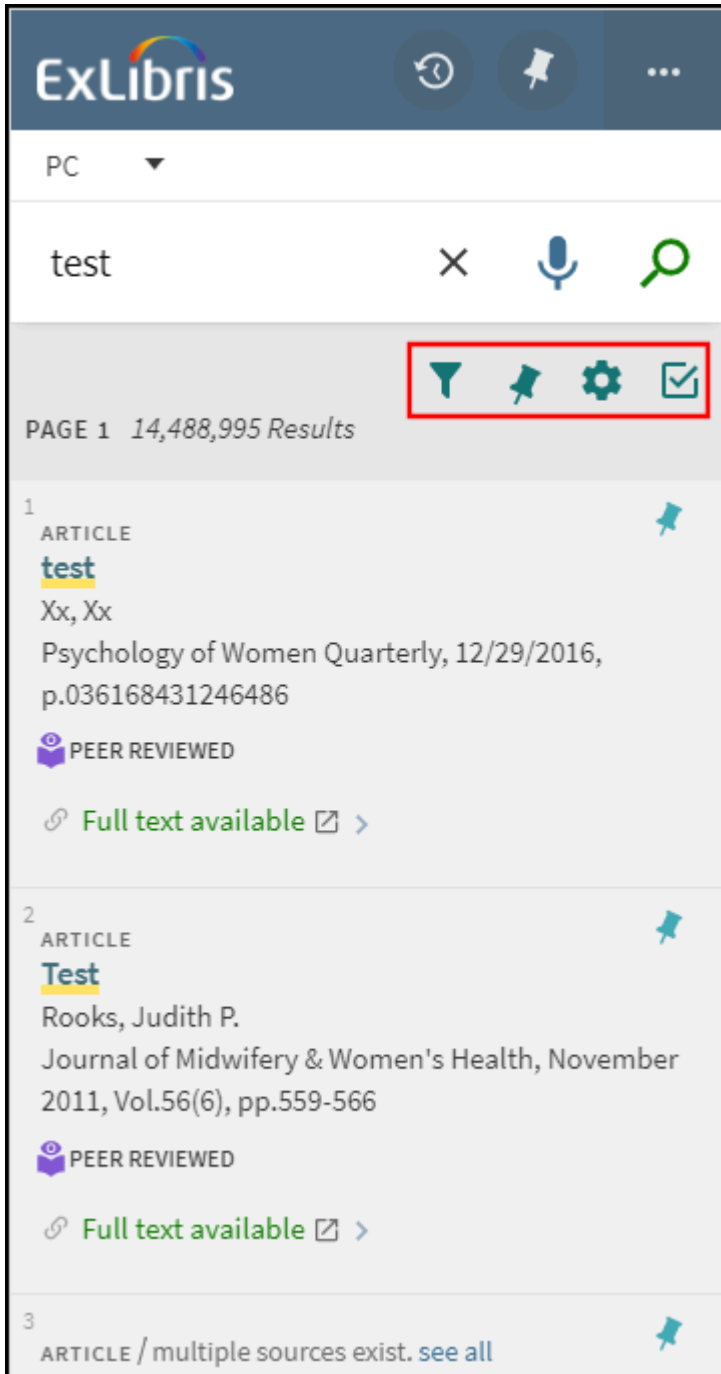
, Save Records



, and Save Query

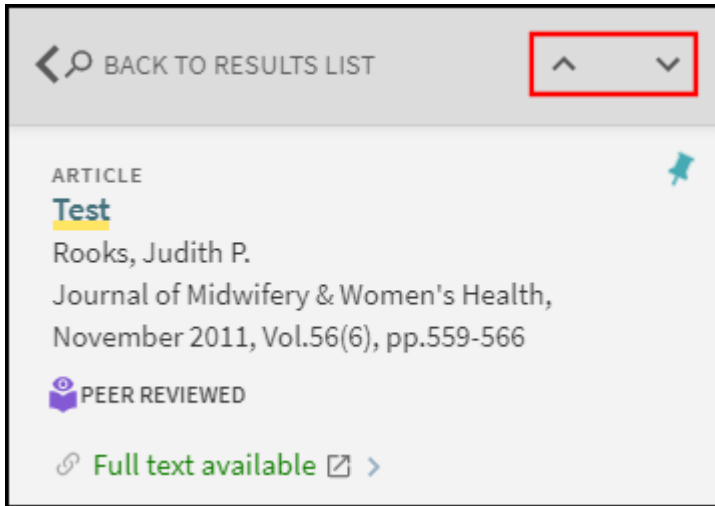


options as icons.



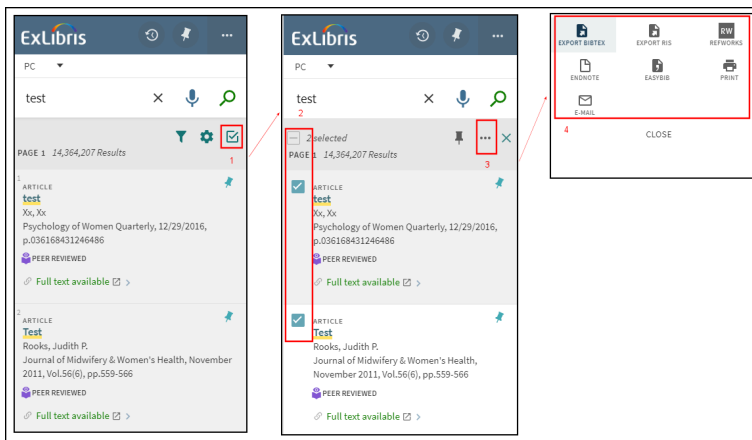
#### Icons on Mobile Devices

- Added navigation for previous and next records on the Full Display page.



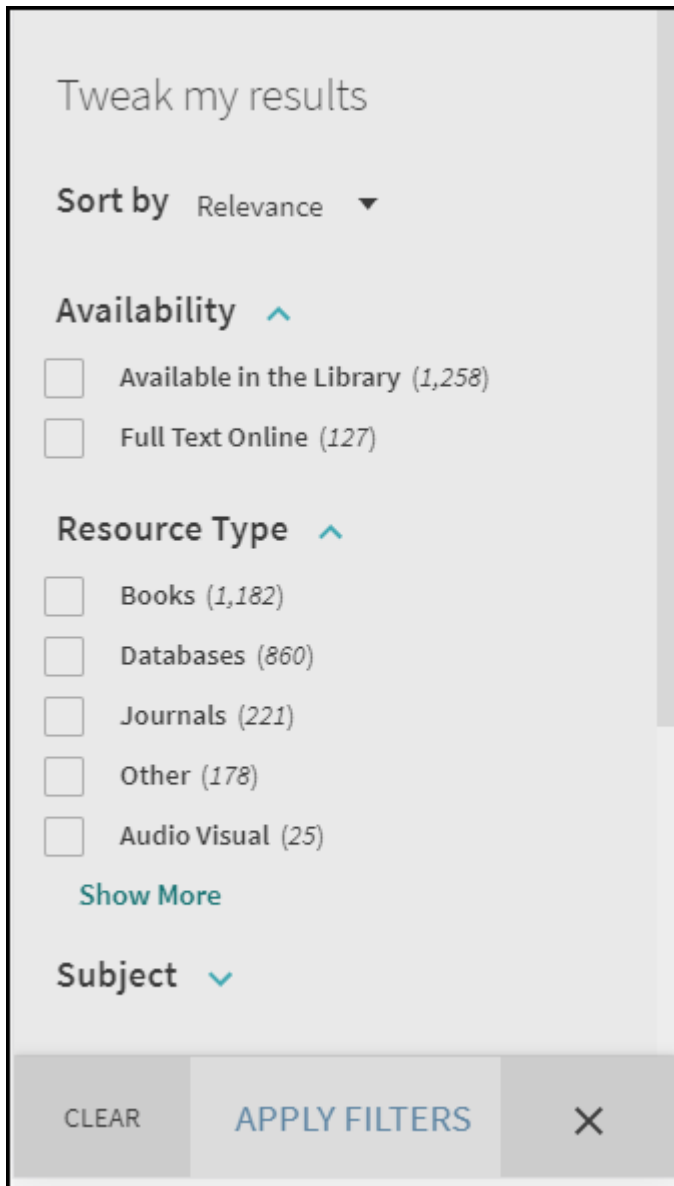
### Previous and Next Record Links on Full Display Page

- Added the ability to apply actions to records in bulk.



### Applying Action to Multiple Records

- Improved the visibility of facets and the ability to select multiple facets.



#### Improved Facet Visibility and Selection


- Improved signed-in status.
- Included miscellaneous fixes for the Resource Sharing & Request forms.

---

## Improved Format of Saved Search Alert Emails

### February 2020

This enhancement provides an improved format of emails sent to users for Saved Search alerts. This format is configured with the **Saved Searches Letter** template on the Letter Configuration page ([Configuration Menu > General > Letters > Letters Configuration](#)). For information on how to configure email letters, see [Configuring Alma Letters](#). The alerts are scheduled with the **Saved Searches Alert** job ([Admin > Manage Jobs and Sets > Monitor Jobs > Discovery](#)).



**List of New Items for your Saved Search**

90 new items found for the search query: *contains wealth of nations*

---

BOOK  
**Wealth of nations**

---

BOOK  
**The synthetic wealth of nations. An inquiry into the nature and causes of the wealth of nations,**

---

BOOK  
**Adam Smith and the Wealth of nations : 1776-1976 bicentennial essays**

---

ARTICLE  
**An Inquiry into the Nature and Causes of the Wealth of Nations.(Poem)**  
Armitage, Simon

---

BOOK  
**The wealth of the world and the poverty of nations**

---

[Click here to unsubscribe:](#)

#### Example Alert Email in Primo VE

#### Note

- The logo is taken from your view's customization package.
- The email will display a maximum of 25 items.

## Configuration Options

The following table lists the changes to the Send Email and SMS Labels code table to support the display labels used for alert emails.

Code	Old Description	New Description
alert.from	prima@exlibris.co.il	No change.
alert.subject	New search results: {0}	No change.
alert.conditional.heading	Note that {0} items are included in this email.	Note that {0} items are included in this email:
alert.heading	There are new items in your saved search:	No change.

Code	Old Description	New Description
alert.headingNoResults	There are no new items in your saved search.	No change.
alert.all.items.link	All new records can be found via the follow link:	No longer in use.
(new) alert.title		List of New Items for your Saved Search
(new) alert.custom.subtitle		Note that {0} items are included in this email.
(new) alert.unsubscribe		Click here to unsubscribe
(new) alert.headingNew		{0} new items found for the search query: {search query}
alert.disable	To stop receiving emails with new records for this query, disable this alert by using the link below:	No change.

## Improved Display of Export Actions

### February 2020

While on the Brief and Full Display pages, it is no longer necessary to select the left and right arrows to scroll through the export actions. All configured export actions will now display.

For example:

BOOK  
**Guidelines & policies for public water systems : volume II : policies**  
 Massachusetts. Division of Water Supply. Massachusetts. Office of the Secretary of State. 1997  
[Check holdings >](#)

TOP

SEND TO

GET IT

DETAILS

LINKS

TAGS

Get It

EXPORT BIBTEX EXPORT RIS REFWORKS ENDNOTE EASYBIB  
 CITATION PERMALINK PRINT E-MAIL

### Export Actions on Full Display Page

## Import General XML Data

### February 2020

During the import of an external XML record, this enhancement allows you to import more than one instance of a field (such as creator or ISSN) based on a specific separator. To support this functionality, you will need to utilize the new **copy all** action and create a normalization rule for each instance of the field that you want to support:

- `copy all "{xpathExpression}"\("{separator}"\) to "{newTagNameSpace}"."{newTagField}"`
- `copy all "{xpathExpression}"\("{separator}"\) ("{newXsiType}"\) ("{newTagNameSpace}"."{newTagField}"`

The following example allows you to import a maximum of three creators for each record:

```
rule "Rule for creator1"
  when
    exist "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [1]/child::*[local-name()='namePart']"
  then
    copy all "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [1]/child::*[local-name()='namePart']/text()"(", ")
  to "dc"."creator"
end

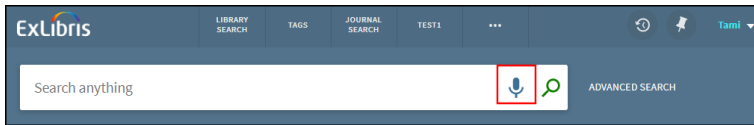
rule "Rule for creator2"
  when
    exist "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [2]/child::*[local-name()='namePart']"
  then
    copy all "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [2]/child::*[local-name()='namePart']/text()"(", ")
  to "dc"."creator"
end

rule "Rule for creator3"
  when
    exist "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [3]/child::*[local-name()='namePart']"
  then
    copy all "//*[local-name()='Item']/*[local-name()='Item']/*[local-
name()='Component']/*[local-name()='Resource']/*[local-name()='mods']/*[local-
name()='name' and @type='personal'] [3]/child::*[local-name()='namePart']/text()"(", ")
  to "dc"."creator"
end
```

# Voice Search Assistant

## January 2020

This enhancement allows users to enter search terms using their device's microphone. After selecting the Microphone icon, users can begin speaking search terms or select a different language for the system to detect. If no input is detected for 10 seconds, the system will provide a message and then prompt the user to provide audio input two more times before timing out and exiting the voice search assistant. If audio is detected, Primo will display the relevant search results.



### Voice Search Icon

#### Note

- This feature is available for all browsers that support the Speech Recognition interface of the [Web Speech API](#) (such as Chrome for Desktop and Android browsers and Samsung browsers). It will be progressively available in other browsers as they support the Web Speech API.
- If additional language-detection support is needed, please contact Ex Libris Support.

## Configuration Options

This feature is enabled by default. The following table lists the settings used to configure this functionality.

Element	Description
View Configuration page ( <a href="#">Configuration Menu &gt; Discovery &gt; Display Configuration &gt; Configure Views</a> )	The <b>Use Voice Search</b> option, which has been added to the General tab, allows you to enable/disable this functionality. By default, it is enabled for you.
Voice Search Labels code table (new)	The following codes have been added to support the tool tips, labels, and messages associated with this functionality: <ul style="list-style-type: none"><li>• nui.voice_search.tooltip: Search by voice</li><li>• nui.voice_listening: Listening</li><li>• nui.voice_didntGetIt: Didn't get it, try again</li><li>• nui.voice_didntGetItCheck: Didn't get it – please check your microphone</li><li>• nui.voice_language: Voice search language</li><li>• nui.voice_searching: Searching for:</li></ul>
Aria Labels code table (modified)	The following codes have been added to support accessibility for the tool tips, labels, and messages associated with this functionality:

Element	Description
	<ul style="list-style-type: none"> <li>nui.aria.voiceSearch.open: Open voice search</li> <li>nui.aria.voiceSearch.close: Close voice search</li> <li>nui.aria.voiceSearch.changeLanguage: Change voice search language</li> <li>nui.aria.voiceSearch.voiceSearch.closed: Voice search closed</li> <li>nui.aria.voiceSearch.voiceSearch.Listening: System is listening; Please say your search keywords</li> </ul>

## Analytics - Voice Search

The following actions were added to the Action Usage subject area:

Group	Subgroup	Action	Description
Search	Voice Search	Voice Search	Voice search was invoked.
		Voice Search – didn't get it	User input was not detected in the first attempt.
		Voice Search - Didn't get it, please check your microphone	User input was not detected in the second attempt. Please check your microphone.
		Voice Search – exit	User selected X to abort the voice request.
		Change voice Language	User changed the voice-detection language.

---

## Item-Level Display of General Electronic Services

### January 2020

This enhancement allows you to display general electronic services for each physical item, based on holdings and item-level information (such as barcode and location), instead of a single link for the record in Get It. For more information, see [Configuring General Electronic Services](#).

BOOK  
**Interpreting psychological test data**  
 Gilbert, Joseph,  
 c1978-  
 Available at Main Library Stacks (BF698.4 .G46) >

TOP

SEND TO Send to \_\_\_\_\_

GET IT

EXPORT BIBTEX EXPORT RIS EASYBIB ENDNOTE REFWORKS PRINT >

DETAILS

TAGS

VIRTUAL BROWSE Get It \_\_\_\_\_

LINKS REQUEST: Request / Digitization / Purchase Request / Northwest Consortium / USA SHARE

EXPLORE

< BACK TO LOCATIONS

LOCATION ITEMS

Main Library  
 Available, Stacks BF698.4 .G46  
 (1 copy, 1 available, 0 requests)

Item in place  
 3 Month Loan - test

This item in Amazon2

## Item-Level GES Links

## Configuration Options

To enable the display of GES links at the item level:

1. On the General Electronic Services page (**Configuration Menu > Fulfillment > Discovery Interface Display Logic > General Electronic Services**), edit an existing service or create a new service.

### Service Details Tab (Modifying an Existing Service)

2. In addition to the **Service Code** and **Service Name** fields, specify the following fields:
  - **Is this a Document Delivery/ILL service?** – Select **Yes**.
  - **Display Location** – Select **Getit & How to Getit**. Item-level GES links display only under the Get It section.
  - **URL Template** – You can include item-level parameters (such as location and barcode).
  - **Item Level** – Select **Yes** to display the links at the item level.
3. On the **Service Availability Rules** tab, you can create rules based on item-level information (such as library and location).
4. Select **Save** to save your changes.

## Improved Handling of Suppressed Records

### January 2020

Primo VE has been enhanced to prevent the discovery of records that have been suppressed in Alma using the following methods:

- Suppress all records at a physical location – Select the **Suppress from Discovery** check box for a location. For more information, see [Editing a Physical Location](#).

- Suppress an individual record – In the MD Editor, select the **Suppress from Discovery** option for the holdings or bibliographic record. For more information, see [Navigating the MD Editor Page](#). Note that suppression takes effect even without saving the record.
- Suppress a record based on its holdings – In the Customer Parameters mapping table (**Configuration Menu > Resources > General > Other Settings**), set the **suppressBibWithSuppressedHol** option to **true** to suppress the bibliographic record if its holdings have been suppressed
- Suppress a record based on the process type of its items (such as a lost item). Suppresses the bibliographic record if all of its items have been excluded by process type. See [Excluding Resources with Specific Process Types from Publishing](#).
- Suppress an electronic record based on its active portfolios – Suppresses the bibliographic record, when all of its portfolios are inactive.

---

## Additional Enhancements

- **December 2020**

For the UNIMARC format only, the \$\$v subfield is now supported in the 4XX fields to support the following display output for Italian related titles: \$\$a:\$e \$\$v. For example:

```
rule "Primo VE Display - Relation 410 - Italy"
  when
    MARC."410" has any "a,e"
  then
    set TEMP"1" to MARC "410" subfields "a"
    add prefix (TEMP"1", "$$CMAIN_SERIES$$V")
    set TEMP"2" to MARC."410" subfields "e"
    concatenate with delimiter (TEMP"1",TEMP"2", " : ") relationships.
```

### Updated Italian Related Title Display Field

- **November 2020 SF: 00619015, 00668016, 00730969**

The New Records facet was prevented from appearing in the search results due to performance issues. This has been fixed.

- **November 2020 SF: 00619035, 00711530**

The MARC 245 \$\$k subfield is now indexed and searchable in the title if the record is a manuscript or other type of document that does not include title information in the \$\$a subfield.

---

### Note

For new and updated records, this will be effective immediately, but for existing records, the change will not be completed until we run the Primo VE semi-annual indexing, which is planned to be ready by the February 2021 release. For more details, see [Release and Maintenance Schedule](#).

---

- **November 2020 SF: 00652599**

For consortia, the Dedup and FRBR Test Utility now allows you to find matching records in Dedup and FRBR groups.

- **November 2020**

With this enhancement, the authority records will no longer be enriched with your record's 5XX fields out of the box. They will remain enriched until your records are re-indexed. If you want to continue using the MARC 5XX enrichment

for new and updated records, you must set the new **index\_5XX\_authority\_fields** parameter to **true** on the Discovery Customer Settings page. By default, this parameter is set to **false**.

---

## Note

For new and updated records, this will be effective immediately, but for existing records, the change will not be completed until we run the Primo VE semi-annual indexing, which is planned to be ready by the February 2021 release. For more details, see [Release and Maintenance Schedule](#).

---

### • November 2020

This enhancement prevents users from creating booking requests over closed days in the library. If the user attempts to create a booking request over a closed day, the system will return an error message. To support this functionality, the following code was added to the Request Labels code table:

```
400306: The resource cannot be booked while the library is closed.
```

### • September 2020

Added the ability to use the **head** meta tag to configure the description that appears for the main Primo VE pages in Web search results. For example:

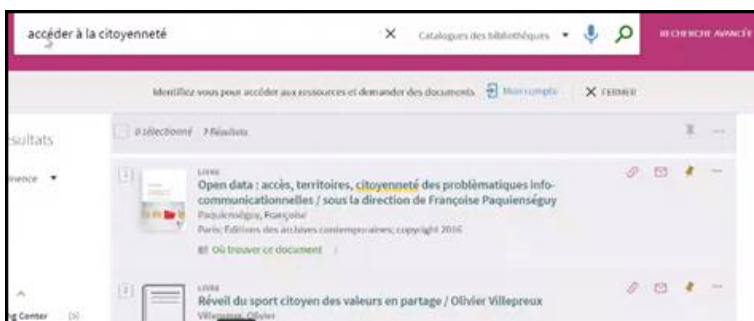
```
<meta name="description" content="Access to My Library's services and resources, which provided to support the teaching, learning, and research needs of our university.">
```

Customers can set this description per institution by modifying the following code in the Header/Footers Tiles Labels code table:

```
main.description: Primo by Ex Libris
```

### • August 2020

When stop words are included in search terms, they are no longer highlighted in the search results. For example, the stop word **la** is not highlighted:



## Stop Word Not Highlighted

### • August 2020

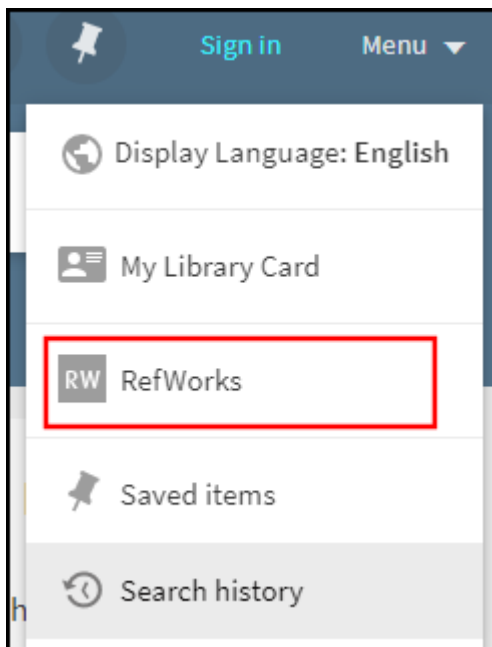
Previously, for terms that can be both a subject and an author (such as **Agatha Christie**), you could browse for them only as an Author and not as a Subject. The Name and Subject browse search is now changed by default to work as follows:

- Browse by Name does not include records containing any matching MARC 600, 610, and 611 fields.
- Browse by Subject now includes records that contain any matching MARC 600, 610, and 611 fields.

The related enhancement in Alma was completed in the November 2020 release. For more details, see [Enhancements to Name and Subject Bib Heading Browsing](#).

- **February 2020**

Added a RefWorks link to the Primo User Area menu to allow users to sign in to Refworks from the new UI in Primo.



#### Primo User Area Menu - New RefWorks Link

When the RefWorks code is enabled in the Brief Record Display tab on the View Configuration page, this link is enabled by default. You can perform the following additional configurations:

- Update the `eshelf.menu.refworks` code in the User Tile Labels code table to modify the link's display label.
- Hide the link in the Primo User Area menu by setting the `my-refworks-ctm` class to **display: none**; in your custom CSS file.

- **January 2020 SF: 00695479, 00680243**

Primo VE now supports normalization rules for search and display of KORMARC records.

---

## Resolved Issues

- **December 2020 SF: 632229, 659823**

When searching with a boolean (AND / OR) and incomplete quotation marks, Primo searches for null. This has been fixed.

- **December 2020 SF: 669962**

With direct linking, the full record opened in a new tab when unavailable. This has been fixed.

- **December 2020 SF: 684629, 789405, 833538, 839537**

Primo VE Pickup Institution - My Institution does not appear first. This has been fixed.

- **December 2020 SF: 709369**

The Pre-filter code table was missing three values, which were displayed incorrectly. This has been fixed.

- **December 2020 SF: 746163, 799026, 807943, 814861**

Incorrect labels for open access service. This has been fixed.

- **December 2020 SF: 708765, 742425, 859457**

Drop-down lists for Get It filter in non-English browser, contained the English word **Other**. This has been fixed.

- **December 2020 SF: 702999, 788454**  
The normalization process failed after passing test. This has been fixed.
- **December 2020 SF: 811728**  
The link resolver usage did not show OpenURLs in Analytics. This has been fixed.
- **December 2020 SF: 806831, 853478**  
After each reload of records from an external source, some records continued to appear in the local search scope, ignoring conditions that should have excluded them. This has been fixed.
- **December 2020 SF: 845721 (private case)**  
The export of a local record to EndNote was not using the correct ritype. This has been fixed.
- **December 2020 SF: 849360, 852559, 858752**  
The blank Purchase Request form did not load when enabled by Alma configuration. This has been fixed.
- **December 2020 SF: 841881, 846295, 859869, 864386, 865463, 882227, 885260, 880499, 881623, 888926**  
View It did not show electronic activations for some journals. This has been fixed.
- **December 2020 SF: 853364**  
Network overwrote local IZ labels for code table View labels, and customization mode should be for specific rows instead of the entire table. This has been fixed.
- **December 2020 SF: 852710**  
Expired users were allowed to sign in to Primo VE. This has been fixed.
- **December 2020 SF: 860569**  
Unable to save and confirm local resource types used by CDI. This has been fixed.
- **December 2020 SF: 684507**  
Identifiers were shown twice after running the "Recalculate Local Resource Types" job on external record. This has been fixed.
- **December 2020 SF: 630812, 876705**  
Bibliographic record was not suppressed when a title's only item was in a temporary, suppressed location, and the holding for the permanent location (not suppressed) was left empty (no items). This has been fixed.
- **December 2020 SF: 870677**  
After the switch to CDI, the Resource Sharing form no longer populated most entries (articles, books). This has been fixed.
- **December 2020 SF: 878336**  
The Saved Searches Letter is not flagged as Patron Facing in the Letters Configuration list in Alma, but it is flagged as such in the online help. This has been fixed.
- **December 2020 SF: 876055**  
Unable to place requests in Primo VE. This has been fixed.
- **December 2020 SF: 882968, 885655, 886282, 887120, 891211, 891249**  
Holdings were missing from deduped records. This has been fixed.
- **December 2020 SF: 868272**  
Pickup options were displayed for physical non-returnable borrowing requests, and the only allowed option seemed to be Resource Sharing Library. This has been fixed.
- **December 2020 SF: 880176**  
Saved searches from Browse search were encoded. This has been fixed.
- **December 2020 SF: 890810**  
While running Go VE, the PC key copied to the institution level wasn't configurable in multi-library or multi-campus topology. This has been fixed.
- **December 2020 SF: 844313, 892788**

In the Scheduled job list, network members were unable to see the Create Journal Categories job. This has been fixed.

- **November 2020 SF:642483, 658149**  
When author information is not in the au element of the OpenUrl, authors will be missing from generated citations on the Services Page. This has been fixed.
- **November 2020 SF:687341**  
No search expansion with controlled vocabulary message in search results for local scopes. This has been fixed.
- **November 2020 SF:744836, 815124**  
IDP-initiated logout fails (SAML). This has been fixed.
- **November 2020 SF:733426,808487, 854141, 876894**  
Repeated saved search emails being sent to users. This has been fixed.
- **November 2020 SF:675694,795580**  
For UNIMARC, the 461/463 related record links did not display down links from the upper record. This has been fixed.
- **November 2020 SF:710318,744934, 787740, 835260**  
The pickup location for Automated Fulfillment Networks did not display the correct location in My Account. This has been fixed.
- **November 2020 SF:744137, 790977**  
When there were multiple courses, the crsinfo field was incomplete when displayed on the Brief Display page. This has been fixed.
- **November 2020 SF:802847, 842590**  
Angle brackets used to indicate non-filing text in UNIMARC linking fields were displayed in the record's display fields. This has been fixed.
- **November 2020 SF:817826**  
Inactive portfolios and representations appeared in 'View it on other institution'. This has been fixed.
- **November 2020 SF:836443**  
When the **alphabetical\_sort\_pickup\_inst\_lib** is set to **true**, it returned the first alphabetic location instead of the first available alphabetic location. This has been fixed.
- **November 2020 SF:873130, 863133, 858917, 864888, 859887, 865947, 868415, 874137, 862807, 865487, 877854, 862347, 871920, 860412, 880663, 861673, 870420**  
In some cases, the View It section appeared empty when electronic and physical records were deduped and the record displayed first displayed the physical item. This has been fixed.
- **November 2020 SF:788091**  
For UNIMARC 461/463, the label in the parent record incorrectly displayed **Part of** instead of **Contains** in the Related Titles display field. This has been fixed.
- **November 2020 SF:665945, 860837, 861259, 873703, 876844**  
The new instPublicKey API for Primo VE did not work as documented. This has been fixed.
- **November 2020 SF:859616, 870599**  
Digital Collection facet values displayed codes of suppressed collections. This has been fixed.
- **November 2020 SF:851593**  
An error displayed while submitting a Digitization request in Get It using the Spanish interface. This has been fixed.
- **November 2020 SF:862391**  
Resource Sharing requests received in Alma always had the Specific Edition option selected. This has been fixed.
- **November 2020 SF:856824, 869286**  
The Services Page and its delivery options were very slow across the consortium. This has been fixed.
- **November 2020 SF:667243**

Focus is jumping to Get It after performing actions in Getit other. This has been fixed.

- **November 2020 SF:859344**  
When the 'c.search.htmlCreator.unifiedDisplay' code was set to undefined, its label displayed NOT\_DEFINED instead of nothing for Available locations in Get It. This has been fixed.
- **November 2020 SF:634501**  
Digitization Status was not translated in Get It. This has been fixed.
- **November 2020 SF:874496**  
Digitization requests for other items failed in some cases. This has been fixed.
- **November 2020 SF:852177**  
In expected cases, the creation date was not hidden for journals in brief display. This has been fixed.
- **September 2020 SF: 583011**  
For WorldCat records, some information entered on the Purchase Request Form in Primo VE is not seen by staff in Alma. This has been fixed.
- **September 2020 SF: 669048**  
Some users have scrubbed email addresses when exporting citations from Primo VE. This has been fixed.
- **September 2020 SF: 671748, 811658**  
On the My Library Card > Loan page, the Main location name always shows the default name. This has been fixed.
- **September 2020 SF: 684403**  
Users receiving error when trying to turn on notifications directly after saving a query. This has been fixed.
- **September 2020 SF: 735937, 851571, 858115**  
For more information, see [Improved Filtering of Record's Items](#).
- **September 2020 SF: 712160**  
In FireFox, getting a security error when exporting to RefWorks. This has been fixed.
- **September 2020 SF: 734700, 800494**  
All records were not exported when trying to export multiple references to EndNote web. This has been fixed.
- **September 2020 SF: 684507**  
In some cases, the dc:identifier of type "dcterms:URI" was not displayed. This has been fixed.
- **September 2020 SF: 754391**  
Hovering over titles seen in Virtual Browse display the call number of suppressed holdings even though an unsuppressed holdings call number exists. This has been fixed.
- **September 2020 SF: 814172**  
Incorrect display of punctuation for the 7XX UNIMARC fields. This has been fixed in the UNIMARC normalization rules for Creator and Contributor fields.
- **September 2020 SF: 730970, 858251**  
If the "Use the parallel Local Field 01/50 from the Dublin Core record" checkbox is selected, mixed dc\local facets do not display data from local MARC fields. This has been fixed.
- **September 2020 SF: 745280, 757994**  
The "Append translation" command not working when using code-value indicators. This has been fixed.
- **September 2020 SF: 826235**  
Primo VE digitization requests were created for institution-level digitization departments even when library-level digitization departments existed. This has been fixed.
- **September 2020 SF: 799061**  
For consortia, no results returned for searches by category in Database Search and Journal Search. This will be fixed after the mid-year re-indexing.

- **September 2020 SF: 844369**  
Operators in custom scope conditions did not work for local fields. This will be fixed after the mid-year re-indexing.
- **September 2020 SF: 837261, 837393**  
Search section not enriched with Alma authority headings. This has been fixed.
- **September 2020**  
Redirection for Full Display deep links were not working for NZ records. This has been fixed.
- **September 2020 SF: 718873**  
Call numbers containing Hebrew characters and a number with a period are not searchable by the number and a period only. This has been fixed.
- **August 2020 SF: 564917, 591864, 655048, 699886, 732008, 852106**  
Primo Discovery Search Widget is not compatible with non-Latin characters. This has been fixed.
- **August 2020 SF: 624805**  
French labels were not displayed as expected. This has been fixed.
- **August 2020 SF: 609605, 625998**  
Logged in user closing and opening a new browser tab gets signed-out but with request option. This has been fixed.
- **August 2020 SF: 728226**  
500 error was returned while trying to save a search with multi-level facets. This has been fixed.
- **August 2020 SF: 628518**  
Citation format for books had the incorrect year. This has been fixed.
- **August 2020 SF: 790253**  
UNIMARC 215a was corrupted in Primo VE display. This has been fixed.
- **August 2020 SF: 759681**  
In some cases, specific searches did not show delivery, and Get It failed. This has been fixed.
- **August 2020 SF: 794142**  
In some cases, the Get It filter partially worked. This has been fixed.
- **August 2020 SF: 795520**  
Three UNIMARC fields were added to the record's page, but only two of them displayed. This has been fixed.
- **August 2020 SF: 844237, 696322, 583600, 820209, 799397, 830743, 854087, 839027, 824897, 819293, 812617, 597207, 630812, 726859, 573383, 815714, 702767, 517263, 805339**  
Records associated with a suppressed physical location still appeared in search results. This has been fixed.
- **August 2020 SF: 790759**  
Links were not appearing for psychotherapy.net titles. This has been fixed.
- **August 2020 SF: 739550**  
Suppressed ebook records were shown as Available Online. This has been fixed.
- **August 2020 SF: 803249, 838369**  
Did You Mean did not run. This has been fixed.
- **August 2020 SF: 807276**  
The 'Not Needed After' Field in the Resource Sharing Request Form did not appear in 'Date Needed By' field of the created request. This has been fixed.
- **August 2020 SF: 838844, 839509**  
Unable to add a row to Journal Search Category labels code table. This has been fixed.
- **August 2020 SF: 838322, 838322**  
Call number in simple search did not work. This has been fixed.
- **August 2020 SF: 837261, 837393**

Search section was not enriched with the Alma authority headings. This has been fixed.

- **August 2020 SF: 850708, 852380, 853939, 855401**  
For consortia, View It was empty in full display for dedup records when there were electronic and physical records in the group, and the displayed record was the one with physical availability. This has been fixed.
- **August 2020 SF: 849130**  
Unable to handle U+200E (left-to-right mark) character. This has been fixed.
- **July 2020 SF: 579623, 657171, 831314**  
Duplicating a view resulted in a corrupted current customization package. This has been fixed.
- **July 2020 SF: 598826, 607840**  
Searches with and without apostrophes returned different results. This has been fixed.
- **July 2020 SF: 609605, 625998**  
Signed-in users that closed and opened a new browser tab were signed out but received request options on the Full Display page. This has been fixed.
- **July 2020 SF: 603994, 636423, 839547**  
Unable to delete import profiles. This has been fixed.
- **July 2020 SF: 672095, 696698, 711487, 741963**  
Creation date was not consistent with facet. This has been fixed.
- **July 2020 SF: 676409, 685906, 725011, 727866, 742433**  
Several dc:identifier values were displayed on a single line in the UI. This has been fixed.
- **July 2020 SF: 661684, 677937, 747393, 799392**  
Custom holdings display fields were not working. This has been fixed.
- **July 2020 SF: 682205**  
"Expand results by default" was not working on the Newspaper Search page. This has been fixed.
- **July 2020 SF: 686569, 753492, 754556, 758537, 814431, 818974**  
Some UNIMARC records showed the main author twice in the citation. This has been fixed.
- **July 2020 SF: 704449**  
Searches with some Traditional Chinese character variants did not find any results. This has been fixed.
- **July 2020 SF: 687680**  
The order of the subfields for the UNIMARC 200 and 210 fields were not displayed as they appeared in the source record. This has been fixed with the addition of the following normalization rule actions: **wrap subfields** and **replace wrapping delimiters**. For more information, see [Normalization Rules Changes for July](#).
- **July 2020 SF: 720510**  
The User 'password\_regex' parameter was not effective. This has been fixed.
- **July 2020 SF: 709286, 712616**  
Angle Brackets in the OpenURL caused a SAML error. This has been fixed.
- **July 2020 SF: 725135**  
Staff could not view second page of Custom Local Data Scopes page. This has been fixed.
- **July 2020 SF: 725558, 751139, 756385, 832538**  
Authentication note did not display HTML links correctly. This has been fixed.
- **July 2020 SF: 730036, 815616, 837260**  
Facets failed when specific searches contained asterisks and quotation marks. This has been fixed.
- **July 2020 SF: 722809, 724739**  
For Newspaper Search the date facet did not start before 1900. This has been fixed.
- **July 2020 SF: 728825**

- The Request link displayed after an automatic logout due to timeout. This has been fixed.
- **July 2020 SF: 734445**  
Recently added collections were missing Online link. This has been fixed.
  - **July 2020 SF: 736486, 755424**  
Item-level booking requests were not accurately displayed in the Check Availability calendar. This has been fixed.
  - **July 2020 SF: 789789, 829756**  
Saved Searches Alert failed to send emails. This has been fixed.
  - **July 2020 SF: 662877, 814496**  
Syndetics Unbound thumbnail template did not apply cover images. This has been fixed.
  - **July 2020 SF: 787759**  
Solr error was returned for facets containing quotation marks (""). This has been fixed.
  - **July 2020 SF: 728827, 755200**  
Request form did not include all locations. This has been fixed.
  - **July 2020 SF: 754647, 785574, 785578, 809759, 811684, 815309**  
For resource sharing requests, the Delivery Location was switching to the alternative address. This has been fixed.
  - **July 2020 SF: 797240**  
When the **Include member institution physical inventory in facets** option was enabled, the available\_d records of members were not shown after selecting the available\_e facet. This has been fixed.
  - **July 2020 SF: 736206**  
Terms of use was not aligned with Primo when requesting an item. This has been fixed.
  - **July 2020 SF: 757643, 810150**  
On the Resource Sharing Request Form, the pickup location options were not translated. This has been fixed.
  - **July 2020 SF: 652247**  
In some cases, camel-casing displayed for local facets. This has been fixed.
  - **July 2020 SF: 795316**  
The Related Title label was missing from the code table. This has been fixed.
  - **July 2020 SF: 815214**  
The Alternate contributor was overriding customized normalization rules. This has been fixed.
  - **July 2020 SF: 811514**  
The book\_chapters type had an extra space, which affected the icon file. This has been fixed.
  - **July 2020 SF: 791896**  
The nui.header.LogoAlt code was missing from the View Labels code table. This has been fixed.
  - **July 2020**  
The improved Email Template created bad links when sent from IE and Edge. This has been fixed.
  - **July 2020 SF: 826742**  
The Arrows to move Search Profile Slots do not work on first click. This has been fixed.
  - **July 2020 SF: 828199**  
A clickable link was not appearing for the MARC 866 \$\$z subfield. This has been fixed.
  - **July 2020 SF: 824516**  
Summon over Alma: Add support for Series. This has been fixed.
  - **July 2020 SF: 810983**  
The display fields were not translated on the Full Display page. This has been fixed.
  - **July 2020 SF: 821139**  
The Base URL for Summon over Alma links is null. This has been fixed.

- **July 2020 SF: 00850708, 00852380, 00853939, 00855401**  
In some cases, the View It section was empty for Dedup records when the group contained both electronic and physical records. This has been fixed.
- **June 2020 SF: 548926, 587588, 611820, 646750, 739709**  
For Booking requests, the calendar is opening in November 2020. This has been fixed.
- **June 2020 SF: 654160, 595513**  
Some author/creators were missing from facet. This has been fixed.
- **June 2020 SF: 600980, 736342, 741418, 755288, 805538, 812440**  
Integration profile is using HTML encoding; turning & into &. This has been fixed.
- **June 2020 SF: 608427, 700439**  
Menu Link translations are missing language options or are empty. This has been fixed.
- **June 2020 SF: 667806, 700869, 734700, 756339, 814709, 817921**  
Export to Endnote failed for local Alma records, but is okay for Primo Central records. This has been fixed.
- **June 2020 SF: 643175**  
Creation date MARC field should change from 100a (00-03) to 100a (09-12). This has been fixed.
- **June 2020 SF: 655340, 757251, 791226, 825844**  
Topic overview (Reference Entry) delivery was not using proxy base prefix. This has been fixed.
- **June 2020 SF: 654481**  
648 Marc subject field was not indexed correctly. This has been fixed.
- **June 2020 SF: 669509, 671593, 684392, 785113**  
A time out occurred while trying to load translations on the Resource Recommender Databases configuration page. This has been fixed.
- **June 2020 SF: 676197, 769381, 817915**  
The Creator facet did not include values from UNIMARC field 701. This has been fixed.
- **June 2020 SF: 694644, 816731**  
The Enable Silent Login function was reset every day. This has been fixed.
- **June 2020 SF: 800969**  
Need to remove the "Format" field from the Advance search index fields. This has been fixed.
- **June 2020 SF: 727799, 732183**  
E-shelf migration problems. This has been fixed.
- **June 2020 SF: 717811, 734640, 736672, 757540, 790738, 806230, 806242, 806370, 812739**  
Local search fields indexed partially after DISCOVERY\_INDEXING. This has been fixed.
- **June 2020 SF: 694514, 822217**  
Could not edit the thumbnail configuration. This has been fixed.
- **June 2020 SF: 744808, 789170**  
Browse by Call number was missing some call numbers. This has been fixed.
- **June 2020 SF: 757865**  
Short search for terms that are also names gave extremely high rank to results with titles ending/starting with one of the names + author as the other name. This has been fixed.
- **June 2020 SF: 788493**  
HTML in the public note of General electronic service was not supported. This has been fixed.
- **June 2020 SF: 688819, 708166, 756211, 788576, 810254**  
Saved Searches Alerts job completed with errors every day and provided no error information. This has been fixed.
- **June 2020 SF: 800695, 805117, 814865, 830949**

- 'Purchase Request' and 'Resource Sharing' buttons appeared when an 'Open Access' Display logic rule was enabled. This has been fixed.
- **June 2020 SF: 673448, 829178**  
Normalization rule for Publisher display. This has been fixed.
  - **June 2020 SF: 798876, 799580, 802961, 804495, 809439, 809798, 812753, 813382, 814979, 816872, 832269**  
Received an error while attempting to add the 'apa-6th-edition' CSL style on Citations Styles List page. This has been fixed.
  - **May 2020 SF: 00730297, 00793149**  
In some cases, SSO was not working. This has been fixed.
  - **May 2020 SF: 00632655, 00712658**  
When links were still available for a record, disabling the **Display Source Record** option removed the entire Links section in some cases. This has been fixed.
  - **May 2020 SF: 00647023, 00723336, 00728275, 00728566**  
The list of languages in Advanced Search displayed the languages in alphabetical order instead of the configured order. This has been fixed.
  - **May 2020 SF: 00656288**  
In some cases, normalization rule changes to related titles were not applied. This has been fixed.
  - **May 2020 SF: 00699337**  
When the value in <dcterms:extent> contained a comma, only the part after the comma was displayed in Primo VE. This has been fixed.
  - **May 2020 SF: 00678119, 00722170, 00728610, 00729993**  
The deletion of Drools from MARC and UNIMARC normalization rules were taking effect in some cases. This has been fixed.
  - **May 2020 SF: 00708076**  
In some cases, there were display issues (such as a missing a space between a constant and the following text) in the brief display lines in the search results. This has been fixed.
  - **May 2020 SF: 00711260, 00809924**  
For multi-campus environments, Database and Journal searches shows restricted record in results, but not in record's full view. This has been fixed.
  - **May 2020 SF: 00683241, 00694272, 00701673, 00744530, 00751097, 00803181, 00805423**  
In some cases, top-level collections were displayed as archival material initially in the results. This has been fixed.
  - **May 2020 SF: 00698490**  
In some cases, Available Online links in Journal Search could not be displayed. This has been fixed.
  - **May 2020 SF: 00709044**  
When there were more than 10 loans in My Library Card, the Loans tab displayed only for the first 10 initially. This has been fixed.
  - **May 2020 SF: 00664465, 00714411, 00725043, 00813172**  
The location item details were not translated in the full display unless users were signed in. This has been fixed.
  - **May 2020 SF: 00731960**  
An Angular error was returned when viewing externally imported records. This has been fixed.
  - **May 2020 SF: 00757865**  
When search terms contained two terms (such as **harry potter**) and either term was indexed as an author, Primo VE did not return expected results. This has been improved.
  - **May 2020 SF: 00787589**  
In Journal Search auto-complete did not work with UNIMARC records. This has been fixed.

- **May 2020 SF: 00756017, 00790547**  
An http 404 error was returned when opening Alma-generated plain text for digital files. This has been fixed.
- **May 2020 SF: 00788087, 00790649, 00794871, 00810702**  
In some cases, the Services page was not displaying links that were saved in the MARC 856 \$\$u field. This has been fixed.
- **March 2020 SF: 00604432, 00646409**  
For blended searches, uppercase letters were sorted before lowercase letters. This has been fixed by ignoring the case of the letters.
- **March 2020 SF: 00528349**  
The number of Related Titles was limited to 5 titles in the record's Details section. This has been fixed.
- **March 2020 SF: 00589286, 00646062, 00655662, 00702202, 00709832, 00710556, 00710658, 00719746, 00725443**  
Lost or missing items items that were excluded from publishing appeared in Primo searches. This has been fixed.
- **March 2020 SF: 00591489, 00626863, 00630811, 00636272, 00663574, 00665763, 00670789, 00697180, 00739550, 00800448**  
Inactive records (primarily ebooks and streaming media) that are in Alma appear in results, but there were no links on the Full Display page. This has been fixed.
- **March 2020 SF: 00628727, 00629969, 00645870, 00652168, 00655915, 00658241, 00665211, 00744322, 00753717**  
Customers were unable to remove the "Allow other library" check box on the Resource Sharing Request Form. This has been fixed by hiding it out of the box.
- **March 2020 SF: 00645503**  
The author in UNIMARC field 701 was mapped to both the display/creator and display/contributor fields, but it should not have been mapped to display/contributor field. This has been fixed.
- **March 2020 SF: 00641904, 00667800**  
In some cases, the displays labels and translations defined in the ViewIt Labels code table were not displaying in View It. This has been fixed.
- **March 2020 SF: 00667243**  
In some cases, users were moved to the Virtual Browse section after selecting "other institution." This has been fixed.
- **March 2020 SF: 00650665, 00659334, 00686848**  
When records from PC did not have \$\$D in the <links>--><linktorsrc>, no labels were displayed. This has been fixed.
- **March 2020 SF: 00646390, 00706716**  
The out-of-the-box label for **getit\_other** was missing. This has been fixed.
- **March 2020 SF: 00696585, 00705699, 00712812**  
Discovery Labels "nui.facets.reset" and "eshelf.back" were missing and could not be translated. This has been fixed.
- **March 2020 SF: 00686926**  
In some cases, notes were not displayed in the record's full display. This has been fixed.
- **March 2020 SF: 00667254, 00796046**  
The labels for buttons on the Resource Sharing Copyright form could not be modified or translated. This has been fixed.
- **March 2020 SF: 00794273**  
Suppressed records were displayed in NZ and Union views. This has been fixed.
- **March 2020 SF: 00710604, 00710615**  
Campus display logic rules were not hiding services from the defined campus, based on the campus IP. This has been fixed.
- **March 2020 SF: 00729262, 00806160, 00809030, 00812012**  
External data source records were appearing as Ghost records. This has been fixed.

- **March 2020 SF: 00691747**  
Data from exports to BibText were not formatted correctly. This has been fixed.
- **March 2020 SF: 00725292**  
Records attached to courses were not displaying in the full display. This has been fixed.
- **March 2020 SF: 00725558**  
The 866 field was displaying HTML elements for holdings in Get It. This has been fixed.
- **March 2020 SF: 00657743**  
Kana characters in full text could not be searched. This has been fixed.
- **March 2020 SF: 00787589**  
Autocomplete was not working on the Journal and Database Search pages. This has been fixed.
- **March 2020 SF: 00788091**  
For UNIMARC, the normalization rules that map the 461/463 relation was incorrectly expressed as **contains**. This has been fixed by changing it to **part\_of**.
- **March 2020 SF: 00710573, 00757556**  
Searches including records that had related record that had not been completely deleted did not display results. This has been fixed.
- **March 2020 SF: 00756671, 00792602, 00795290**  
When there were translations for local fields, attempting to save any local field returned an error message on the Define a Local Field page. This has been fixed.
- **March 2020 SF: 00792687, 00793222**  
When facets were defined to appear on the right side, they appeared on the left side. This has been fixed.
- **March 2020 SF: 00735781, 00800731**  
Unable to change the tooltip for the close more options button (X) in the brief display of a record. This has been fixed.
- **February 2020 SF: 00730297, 00793149**  
In some cases, SSO did not work, which required users to sign in. This has been fixed.
- **February 2020 SF: 00585139, 00618973, 00717904, 00726799**  
In some cases for blended searches, saved searches did not display the "Turn on notification for this query" message or the Alert icon in Saved Searches. This has been fixed.
- **February 2020 SF: 00583740, 00585027, 00673729, 00699683, 00713485, 00669470, 00789786, 00739082, 00675479, 00684084, 00592609, 00622492, 00718485, 00715803, 00741400, 00633282, 00596957**  
Electronic collection names that contained a period appeared truncated in Primo VE. This has been fixed.
- **February 2020 SF: 00604753, 00689962**  
Fixed the incorrect spelling of display labels in the Citation Trail code table.
- **February 2020 SF: 00587428, 00597470, 00660970, 00683651**  
In some cases, requests for items outside of the user's associated library were not accepted. This has been fixed.
- **February 2020 SF: 00587558**  
In some cases, configured display logic rules were not hiding General Electronic Services. This has been fixed.
- **February 2020 SF: 00563734, 00736155**  
The Harvard Cite Them Right citation style displayed the author's full first name instead of the author's initials. This has been fixed.
- **February 2020 SF: 00689088**  
In some cases, JAWS was unable to navigate the search results page. This has been fixed.
- **February 2020 SF: 00653895, 00648656, 00654931, 00665246, 00677958, 00689772, 00715008, 00725543, 00728604, 00728954, 00739099**

Labels in the View Online section on the Full Display page were not translated. This has been fixed.

- **February 2020 SF: 00665458, 00698924**  
In some cases, direct linking for digital resources was not working. This has been fixed.
- **February 2020 SF: 00675599, 00687563, 00711735, 00741893**  
The MD Editor contained duplicate out-of-the-box templates that could not be deleted. This has been fixed.
- **February 2020 SF: 00608066, 00666379, 00712248, 00725741, 00743899, 00785606**  
Newspaper Search could not load results beyond the fifth page. This has been fixed.
- **February 2020 SF: 00661034, 00700119, 00704844, 00711729, 00713157, 00717680, 00721915, 00725578**  
An empty View Online section appeared when a service was restricted to the campus and the user was not signed in. This has been fixed.
- **February 2020 SF: 00794273**  
Items suppressed in the IZ displayed request options in NZ and Union catalog views. This has been fixed.
- **February 2020 SF: 00710604, 00710615**  
Campus display logic rules are not hiding services from the defined campus, based on the Campus IP. This has been fixed.
- **February 2020 SF: 00711513, 00715021, 00719805, 00721477**  
In some cases, duplicate General Electronic Services appeared in the How to get it section on the Full Display page. This has been fixed.
- **February 2020 SF: 00704446, 00710992, 00711523, 00736683, 00738741, 00757942, 00759463, 00800576**  
The preferred name that is configured for the user in Alma is not appearing in My Library Card. This has been fixed.
- **February 2020 SF: 00734624**  
For citations in which the publication data contained a single digit month (YYYY.M), the year was not included. This has been fixed.
- **February 2020 SF: 00713750, 00720678, 00751069**  
In some cases, records that are no match in the FRBR utility were FRBRized in the DB. This has been fixed.
- **February 2020 SF: 00789789**  
In some cases, Saved Searches Alerts failed to send an email. This has been fixed.
- **February 2020 SF: 00678765**  
When an item was in a temporary location, the Related Title field under Get It > Locations displayed "Missing related title." This has been fixed.
- **February 2020 SF: 00755063**  
In some cases, the brief display of a record had no availability statement, and the record's full display was empty. This has been fixed.
- **February 2020 SF: 00794289, 00753751, 00791936, 00792966, 00791718, 00756019, 00788004, 00753642, 00785166, 00785797, 00788408, 00756453, 00757271, 00756133, 00800130, 00758160, 00756881, 00794573, 00756269, 00799247, 00795595**  
In cases where the document's ID contained slashes, the record's permalinks were broken. This has been fixed.
- **February 2020 SF: 00756009, 00788359, 00796158**  
In some cases, deep links for My Library Card contained incorrect URLs, which prevented users from signing in. This has been fixed.
- **February 2020 SF: 00792602, 00795290**  
When there is a translation for local fields, attempting to save any local field returns an error message. This has been fixed.
- **February 2020 SF: 00792687, 00793222**  
After the January release, facets appear on the left side while configured for the right side. This has been fixed.

- **February 2020 SF: 00793673**  
The Facet filter appeared as code. This has been fixed.
- **January 2020 SF: 00583246, 00708313, 00733970**  
Proxies were not working for Primo Central records when direct linking was enabled. This has been fixed.
- **January 2020 SF: 00589286, 00646062, 00702202, 00710556, 00710658, 00719746, 00725443**  
See [Improved Handling of Suppressed Records](#)
- **January 2020 SF: 00591581, 00657287, 00666868, 00698913**  
In some cases, the citation trails did not display. This has been fixed.
- **January 2020 SF: 00591489, 00626863, 00630811, 00636272, 00663574, 00665763, 00670789, 00697180, 00739550**  
See [Improved Handling of Suppressed Records](#).
- **January 2020 SF: 00636575, 00697198**  
When sorting by Author, records that did not have an author appeared before records that did have an author. This has been fixed.
- **January 2020 SF: 00646556, 00696729, 00735058**  
Primo VE displays View Online in Full Display and Available Online in Brief Display when Alma-D digital representations were inactive. This has been fixed.
- **January 2020 SF: 00549966, 00565904, 00627067, 00650665, 00651066, 00651979, 00654723, 00656996, 00659073, 00661187, 00663906, 00664830, 00667979, 00675630, 00682189, 00684019, 00687813, 00688049, 00699979, 00700034, 00702864, 00704904, 00703324, 00708754, 00711577, 00712334, 00712411, 00714130, 00714188, 00722009, 00724629, 00724688, 00728200, 00728313, 00729011, 00732126, 00732936, 00738423, 00740056, 00740504, 00745443, 00746948, 00747096**  
View Online does not display linktorsrc links from Primo Central. This has been fixed.
- **January 2020 SF: 00633015**  
The following values were added to the synonyms file for French queries: tribuns, tribune, and tribunes. This has been fixed.
- **January 2020**  
When a record had a large number of holdings, a blank page was displayed for the Full Display page. This has been fixed.
- **January 2020 SF: 00659570, 00681932, 00685878, 00690804, 00715693, 00717005, 00719307, 00742096**  
Messages received after performing Renew All or Renew in My Library Card were not translated. This has been fixed.
- **January 2020 SF: 00680463, 00735733**  
Typographical errors appeared for French translations in My Library Card. This has been fixed.
- **January 2020 SF: 00696322, 00583600, 00550746, 00676200, 00655534, 00696819, 00666465, 00597207, 00630812, 00726859, 00573383, 00702767, 00517263, 00706206, 00690291**  
See [Improved Handling of Suppressed Records](#).
- **January 2020 SF: 00462596, 00477604, 00531333, 00545748, 00577363, 00593670, 00594314, 00614799, 00635355, 00681511, 00709995, 00377250, 00428003**  
In the OpenURL, the tag was missing from rft\_dat parameter for Primo Central records. This has been fixed.
- **January 2020 SF: 00666179**  
The label for "issue" on the Resource Sharing Form always displayed in Swedish. This has been fixed by adding missing default labels.
- **January 2020 SF: 00695395**  
Unable to search for CJK in local 9XX field. This has been fixed.
- **January 2020 SF: 00661034, 00700119, 00704844, 00711729, 00717680, 00721915, 00725578**

In some cases, an empty View Online section appeared when service was restricted to campus and the user was not logged in. This has been fixed.

- **January 2020 SF: 00695801**  
In some cases, ARIA labels for items in View It were not meaningful. This has been fixed.
- **January 2020 SF: 00660655, 00687415, 00710536, 00718695, 00744848**  
General Electronic Services filtered by location displayed for all records. This has been fixed.
- **January 2020 SF: 00694751**  
Japanese searches that contained full-width "+" characters in combination with a full-width letter did not return correct results. This has been fixed.
- **January 2020 SF: 00686695, 00728458, 00752737, 00726960, 00695004, 00704960, 00698492, 00732093, 00701241, 00740479, 00732326, 00709392, 00752506, 00722198**  
In some cases, direct linking used linktorsrc links even when delivery was not linktorsrc. This has been fixed.
- **January 2020 SF: 00711988**  
Normalization of a full-width space did not normalize correctly to a half-width space when searching EBSCO and WorldCat scopes. To resolve this issue, we added support for special Unicode characters conversions, especially when working with external indexes).
- **January 2020 SF: 00705891, 00724259, 00725194**  
Searches within course reserves using course code were inconsistent. This has been fixed.
- **January 2020 SF: 00725177**  
Rota Assignment was not initiating for Primo VE Resource Sharing Requests. This has been fixed.
- **January 2020 SF: 00711729**  
For multicampus environments, View It services were not showing based on IP/user in cases with no view affiliation. This has been fixed.
- **January 2020 SF: 00732144, 00740573, 00740571, 00740638, 00741495, 00741981**  
The following error was returned intermittently for Resource Sharing and Fulfillment requests: Internal server error occurred. This has been fixed.
- **January 2020 SF: 00735391**  
Subjects and authors were displayed on separate lines in Full Display. This has been fixed.
- **January 2020 SF: 00721374, 00753718, 00754617**  
Local resource type was not changed after mapping from Dublin Core. This has been fixed.
- **January 2020 SF: 00755063**  
Searches for NZ records (that were not linked to any IZ and had no held by) returned a blank screen. This has been fixed.