



The State University of New York

Alma Cloud Apps: LIBstick vs. SpineOMatic

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September 24, 2020

www.suny.edu



LIBstick App in Alma

- LIBstick works with Chromium browsers, such as:
 - Google Chrome
 - Microsoft Edge
 - Firefox
 - Opera
 - Vivaldi
- LIBstick can print to:
 - Label printers, such as Zebra
 - Photocopy and desktop printers
- LIBstick supports all stickers (label) types
- LIBstick Security:
 - Runs on a secured domain using SSL certificate
 - Passed Acunetix Security Audit
 - Hosted on Technion's secured servers
 - Built on top of WordPress CMS
 - Safe login with CAPTCHA
 - Login and activity auditing
- LIBstick can print labels from either:
 - Chrome extension
 - Alma App



LIBstick App in Alma

To install the LIBstick App you need to be an Alma Administrator:

1. Get an API key from Ex Libris' Developers Network*
2. Create a LIBstick account*
 1. Add users
 2. Configure Paper
 3. Configure label templates
3. Install LIBstick App in Alma*

Using Libstick Documentation: <https://developers.exlibrisgroup.com/blog/using-libstick-to-print-labels-in-alma/>

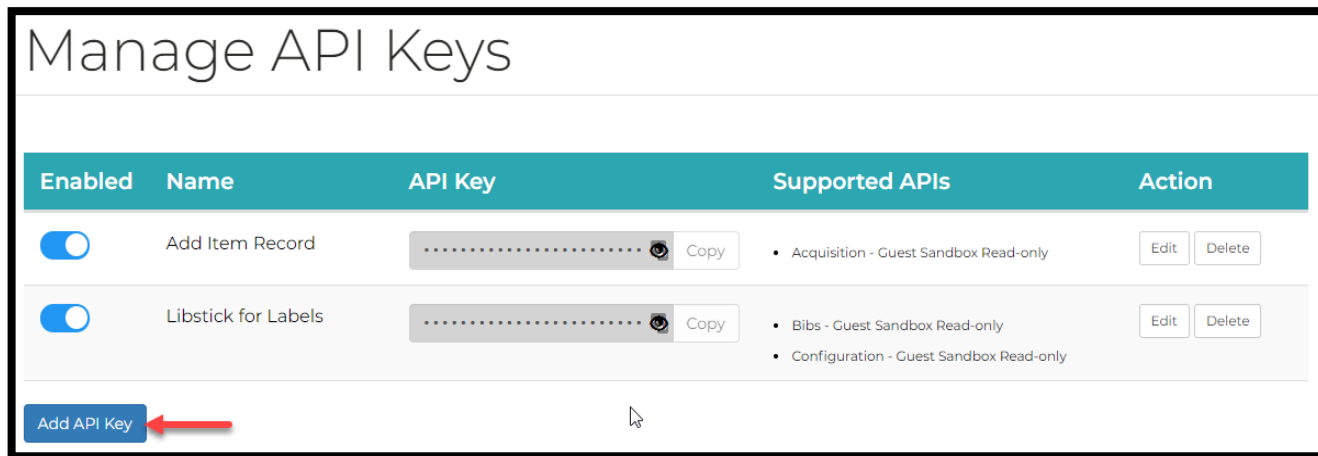
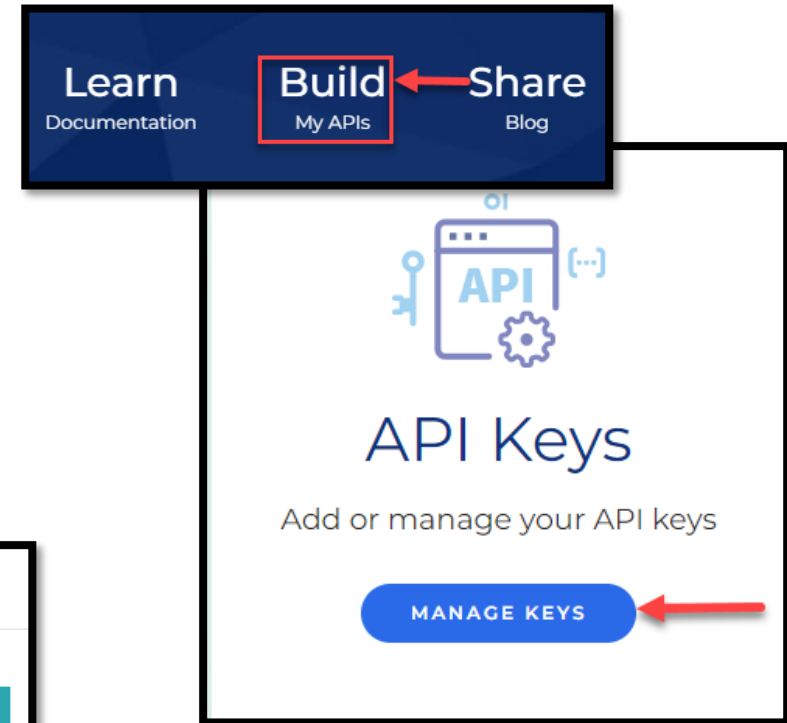
* - Only needs to be done once per institution



LIBstick API

To create a Libstick API:

1. Login to Ex Libris' Developers Network: <https://developers.exlibrisgroup.com/login/>
2. Click **Build My APIs>Manage Keys**
3. Click **Manage Keys**
4. Click **Add API Key**



LIBstick API

Add/Edit API Screen opens:

1. Fill out:
 - **Name:** [LIBstick App]
 - **Description:** [Optional]
 - **Enabled:** [Make sure it is enabled]
 - **Save detailed log files:** [Leave disabled]
 - **Allowed IP Range:** [Optional]
 - **Restriction Profile code:** [Optional]
2. Click **Add Permissions**
 1. Area: [Select **Bibs**]
 2. Env: [Select Production]
 3. Permissions: [Select Read-only]
3. Click **Add Permissions**
 1. Area: [Select **Configuration**]
 2. Env: [Select Production]
 3. Permissions: [Select Read-only]
4. Click **Save**

Add/Edit API Key

Name: Libstick Testing

Description: SLSS API used for testing libstick spine label cloud app in NP Sandbox. Created by SP on 8/6/20 to t

Enabled:

Save detailed log files:

Allowed IP Range: Optional - Only requests within the IP Range will be allowed. CIDR format (Example: 1.2.3.4/32)

Restriction Profile code: Optional - the code of the Integration Profile which limits access to specific vendors.

Permissions

Area	Env	Permissions	Action
Bibs	Sandbox	<input checked="" type="radio"/> Read-only <input type="radio"/> Read/write	Delete
Configuration	Sandbox	<input checked="" type="radio"/> Read-only <input type="radio"/> Read/write	Delete

Add Permission

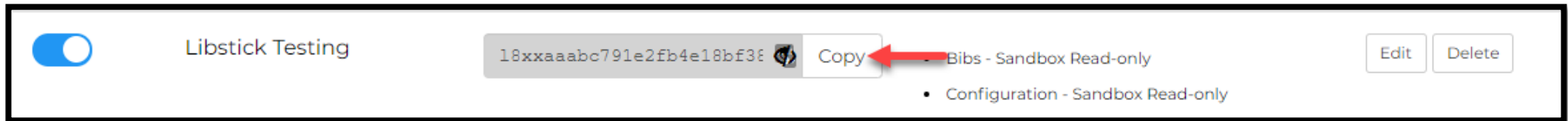
LIBstick API

Copy API key:

1. Click on the "**eye**" icon from the LIBstick API in **Manage Keys**



2. Click "**Copy**" from the LIBstick API

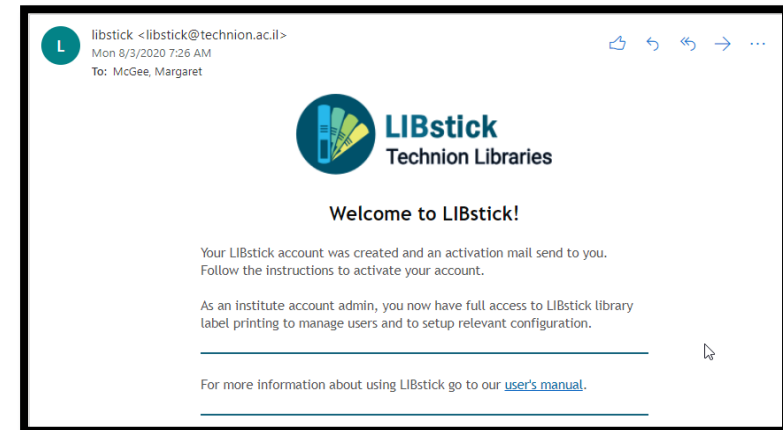
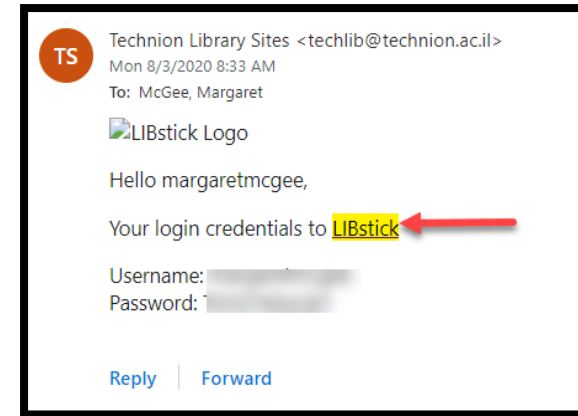


3. Provide the API key to LIBStick

Create a LIBstick Account

To create a LIBstick account:

1. Email: libstick@technion.ac.il asking to create a LIBstick account. Provide them with the following:
 1. Alma URL
 2. API key
 3. Paper
 4. Label examples
2. Activate your LIBstick account from the confirmation email
3. Login to LIBstick with credentials from the email received after activation



Adding LIBstick Users

1. Login to LIBstick
2. Click on the usernames drop-down menu
3. Click on **Settings**
4. Click **Users>Add New**
 1. Username: [use Alma username]
 2. Email: [add user email]
 3. Role: [Select one role only]
 - Manager – LIBstick Admin
 - Designer – Design templates
 - Maker – Print labels
 4. Skip Confirmation Email: [Uncheck if an email is not being sent to the user]
5. Click **Add New User**

The first screenshot shows the user profile menu with the username 'HI, MARGARETMCGEE' highlighted in a red box. A red arrow points to the 'Settings' option.

The second screenshot shows the 'Media Library' sidebar with the 'Users' option highlighted in a red box. A red arrow points to the 'Add New' button.

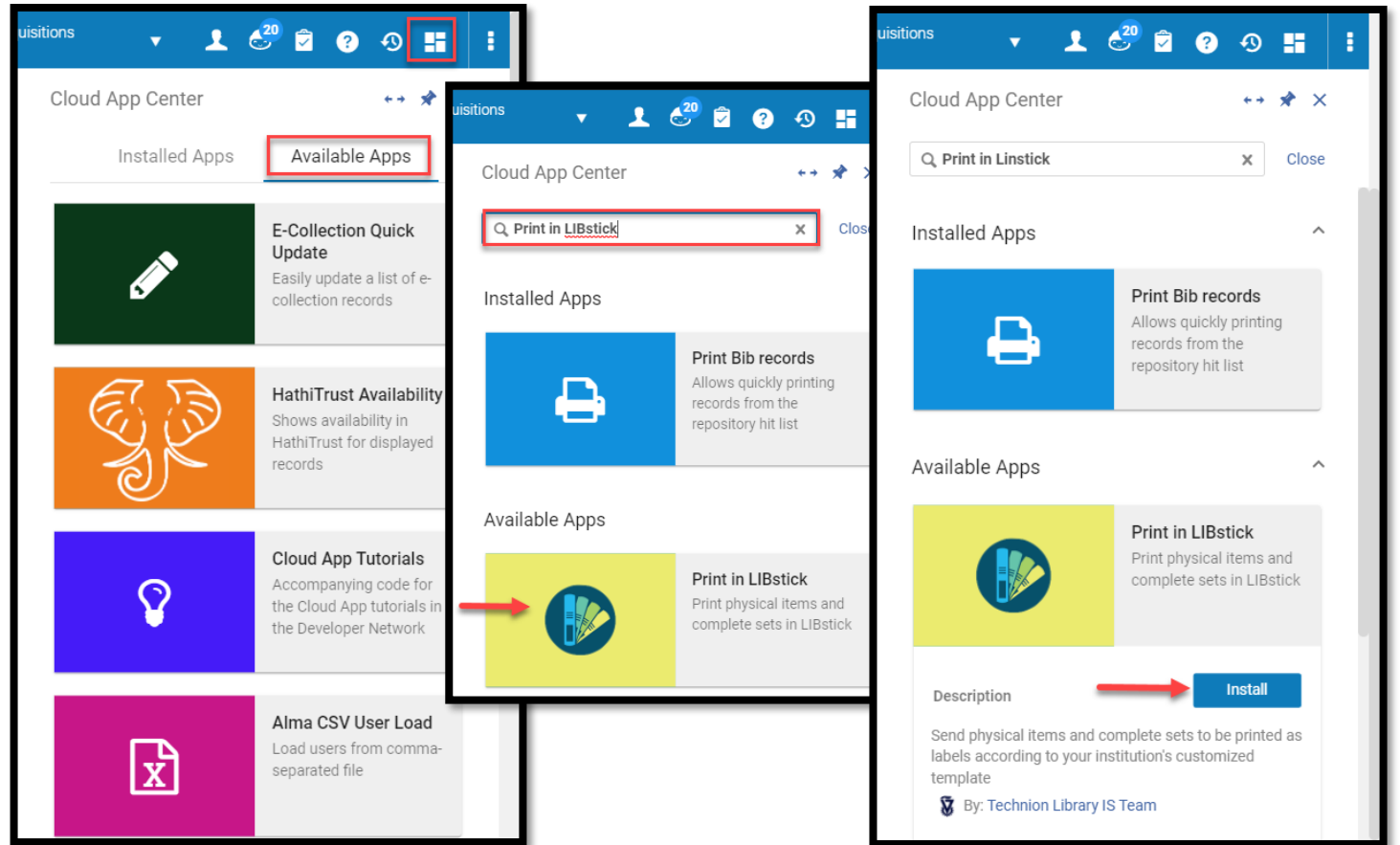
The third screenshot shows the 'Add New User' form. The 'Username (required)' field contains 'maggie-nz', the 'Email (required)' field contains 'margaret.mcgee@suny.edu', and the 'Role' dropdown menu is open with 'Maker' selected. A red arrow points to the 'Add New User' button at the bottom.



Install LIBstick App in Alma

To install the LIBstick App:

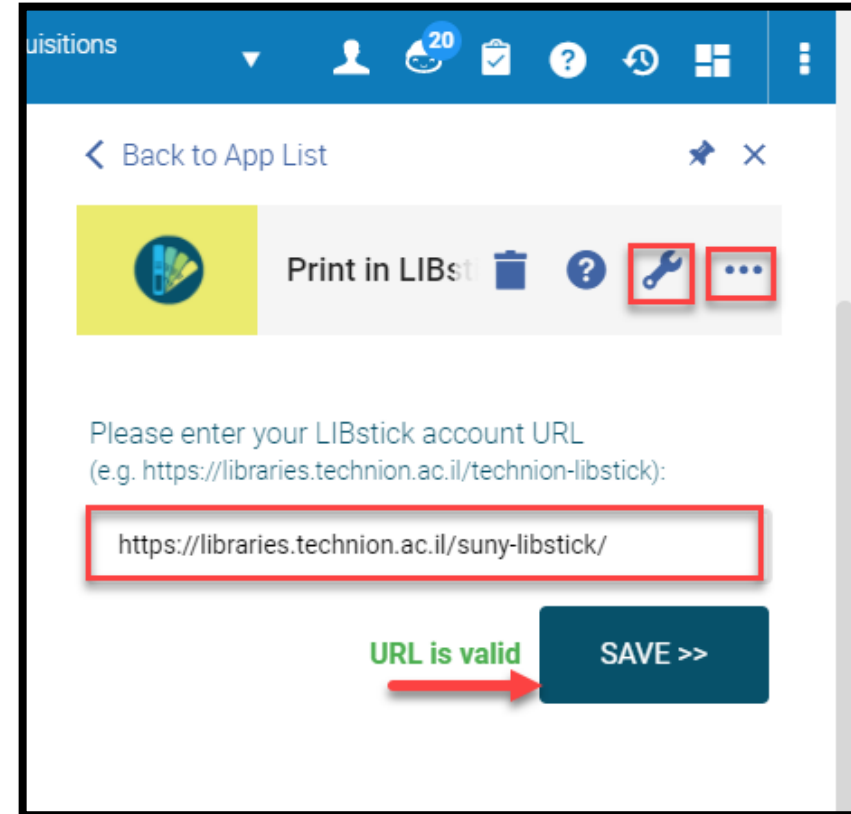
1. Click on the "**Cloud App Center**" icon
2. Click on **Available Apps**
3. Click on the "**search**" icon
4. Search for "**Print in LIBstick**" from the Available Apps search
5. Click on "**Print in LIBstick**"
6. Click **Install**



Configure LIBstick App in Alma

To Configure the LIBstick App:

1. Click on the **Cloud App** icon
2. Click on the **Print in LIBstick** app
3. Click on the **ellipses**
4. Click the "**configuration**" icon (wrench)
5. Type in the LIBstick URL
 - URL used to login to LIBstick
6. Click **Save**



LIBstick App in Alma

Multiple ways to print labels using LIBstick:

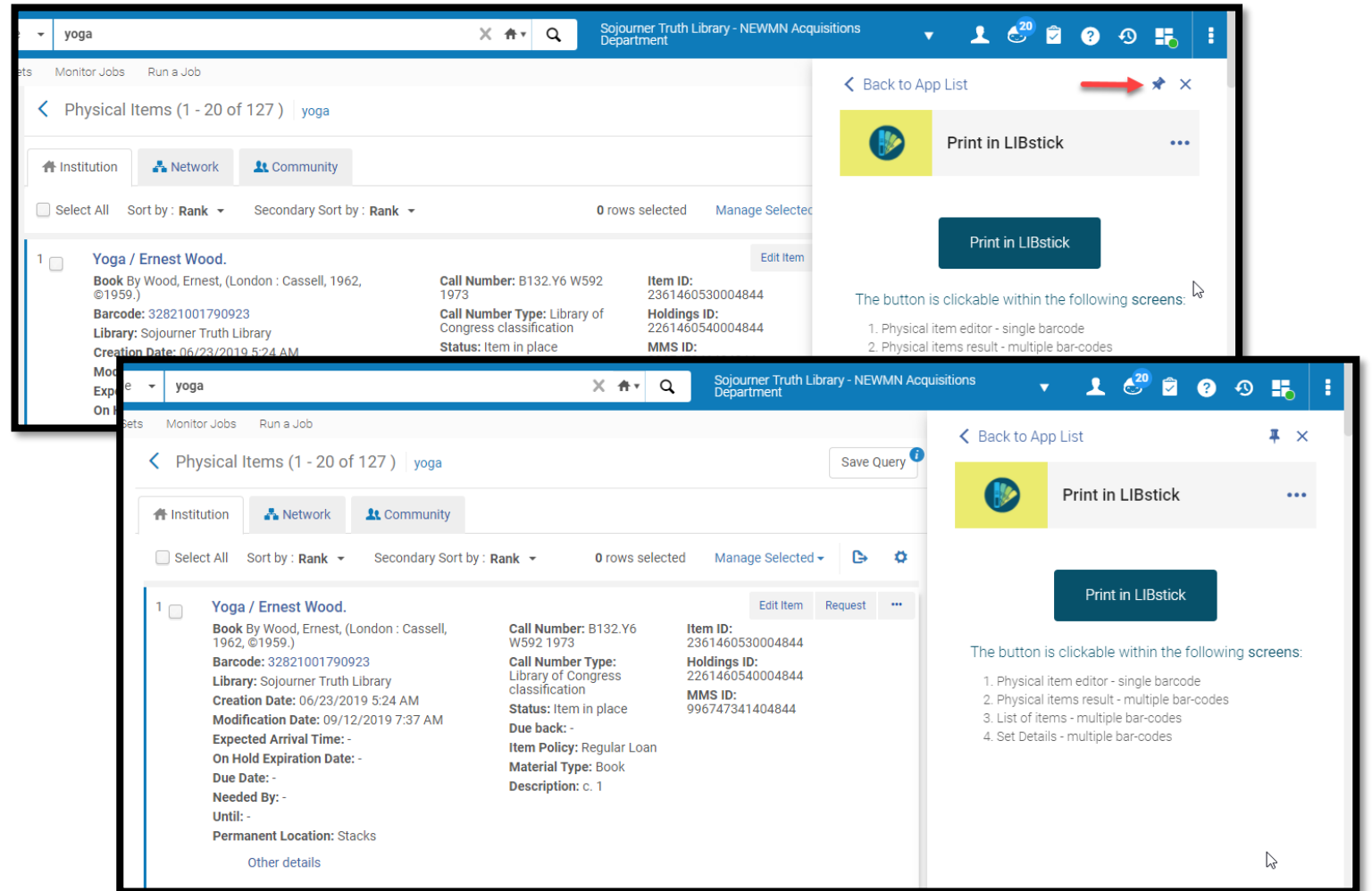
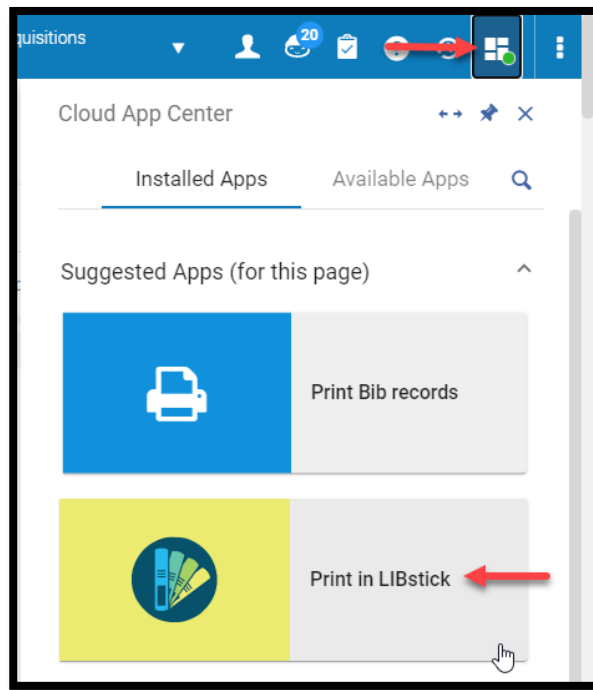
1. Print labels from Alma:
 - Must perform a Physical items repository search
 2. Print labels from barcodes in LIBstick:
 - Must have a barcode that is in Alma
 3. Print Labels from a Set in Alma or LIBstick:
 - Requires a Set in Alma
 - Requires a Set ID
- **Print in Libstick** will be available from the following Screens in Alma:
 - Physical item editor - single barcode
 - Physical items repository search results - multiple barcodes
 - List of items - multiple barcodes
 - Set Details - multiple barcodes
 - LIBstick can print up to 100 labels at one time
 - Multiple templates can be created for different labels
 - Default template is on the last label used to print when there are more than one template



Pinning LIBstick App in Alma

To Pin the LIBstick App:

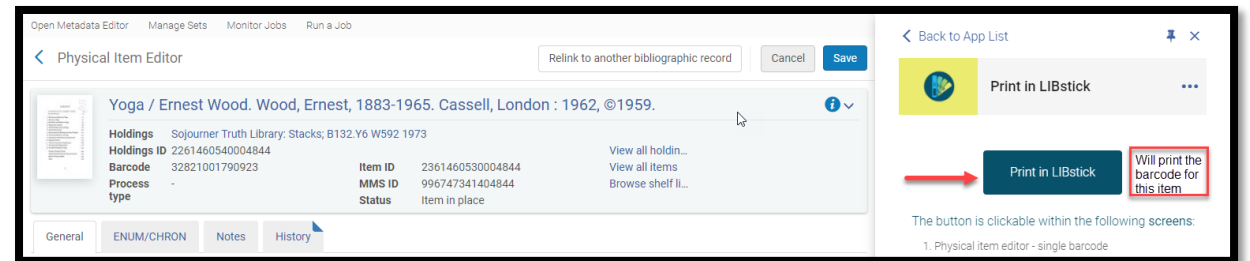
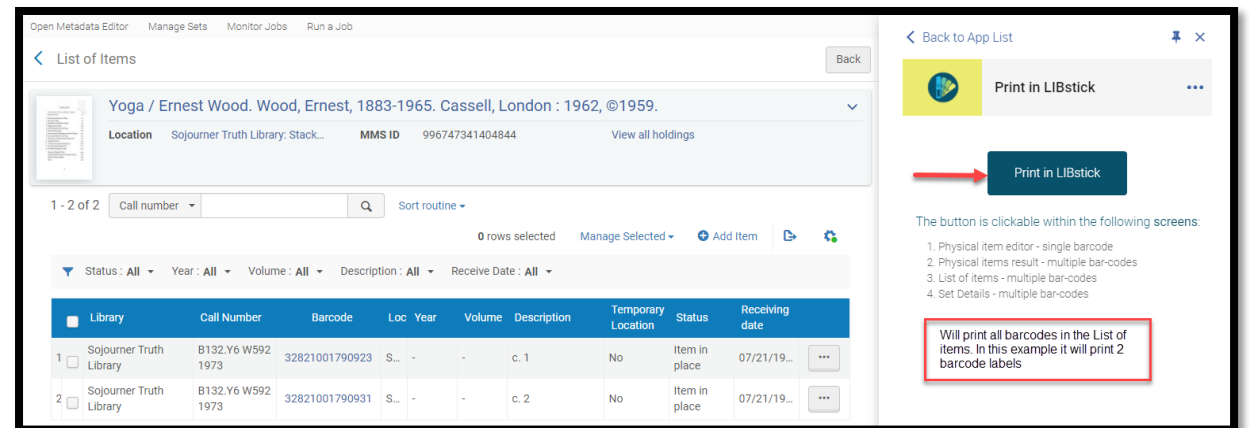
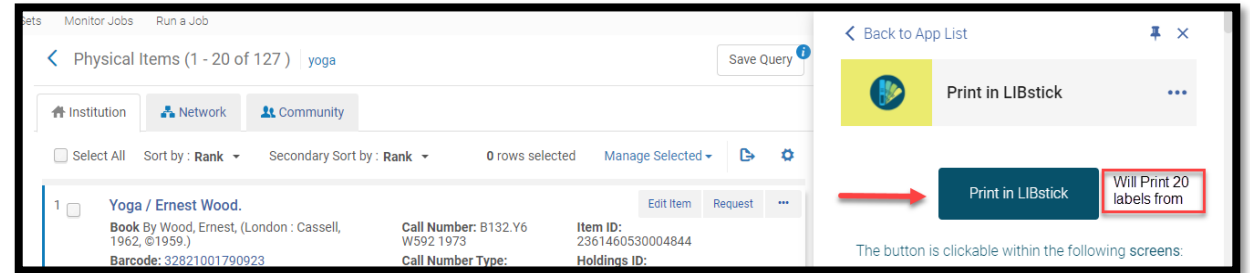
1. Click on the **Cloud App** icon
2. Click on the **LIBstick** app
3. Click the **Pin** icon



LIBstick App in Alma

Print labels from Alma:

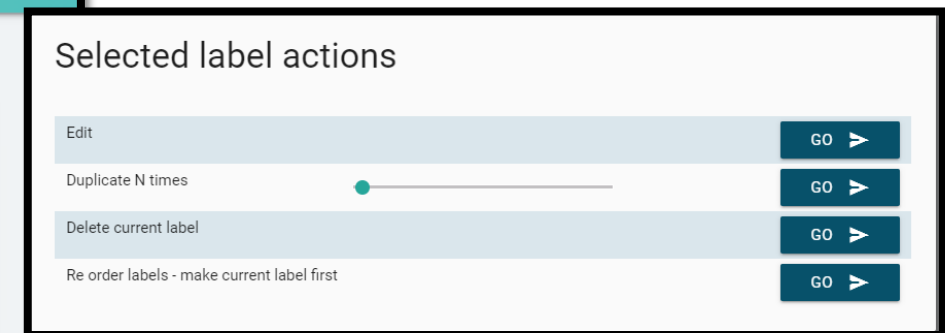
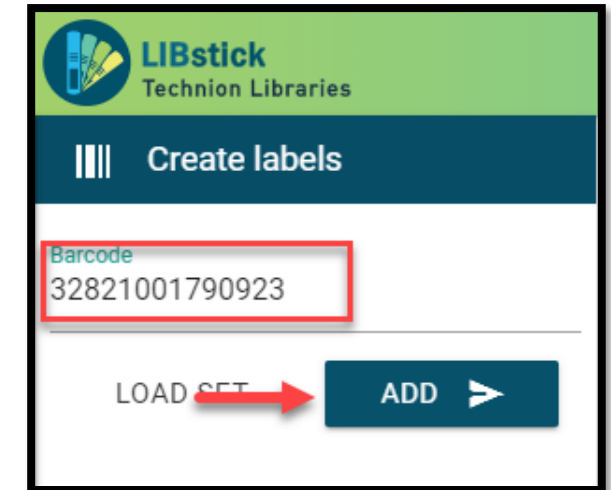
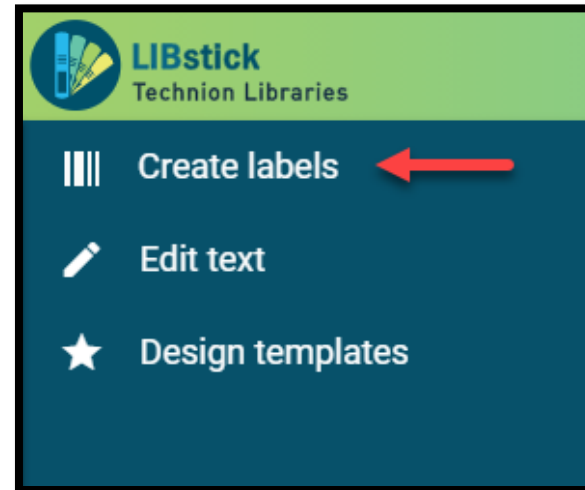
1. Perform a physical item search
2. Click **Print in LibStick** from the App:
 - From physical items repository search results
 - From the physical item editor
 - From the List of Items
 - From a set
3. LIBstick will automatically open
4. Click **Print**
5. Select printer
6. Click **Print**



LIBstick App in Alma

Print labels from barcodes in LIBstick:

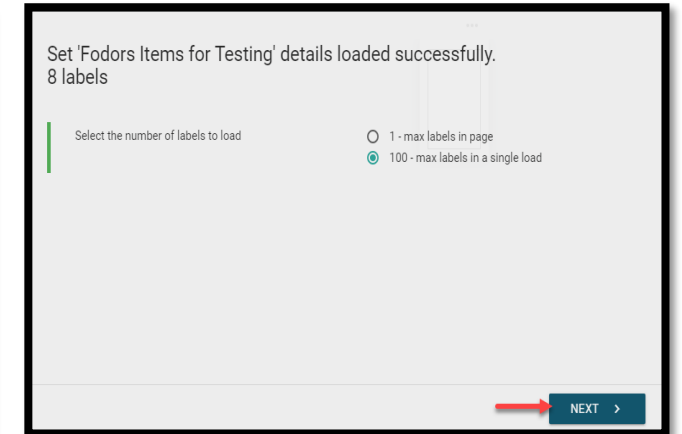
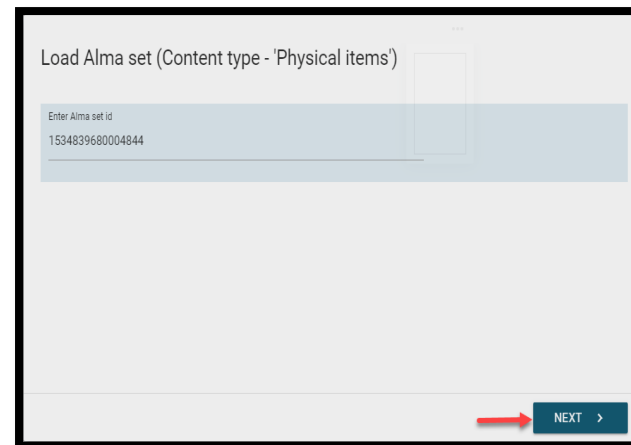
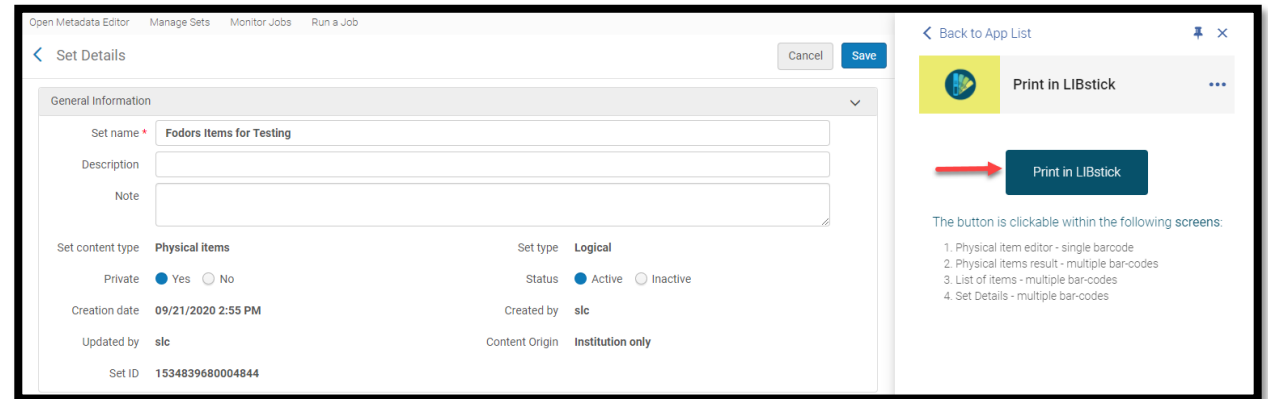
1. Login to LIBstick
2. Click **Create Labels**
3. Scan or type in the barcode
4. Click **Add**
5. Label displays
6. Click **Print**
7. Select printer
8. Click **Print**



LIBstick App in Alma

Print Labels from a physical items set in Alma:

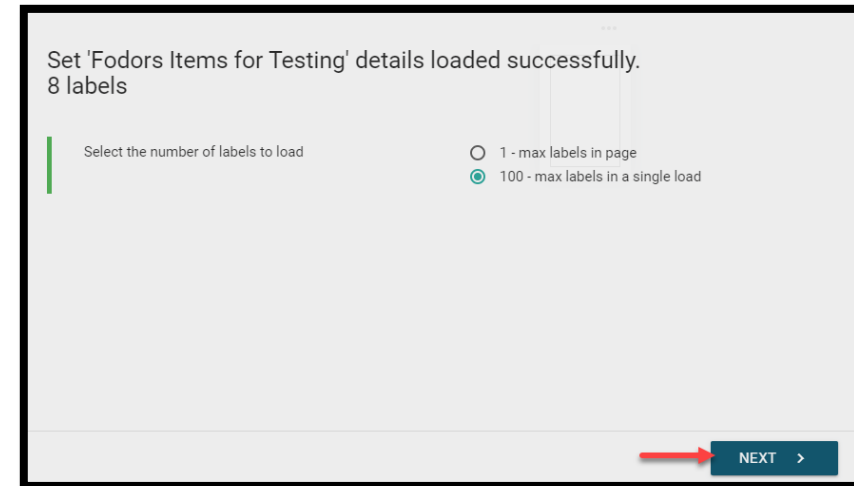
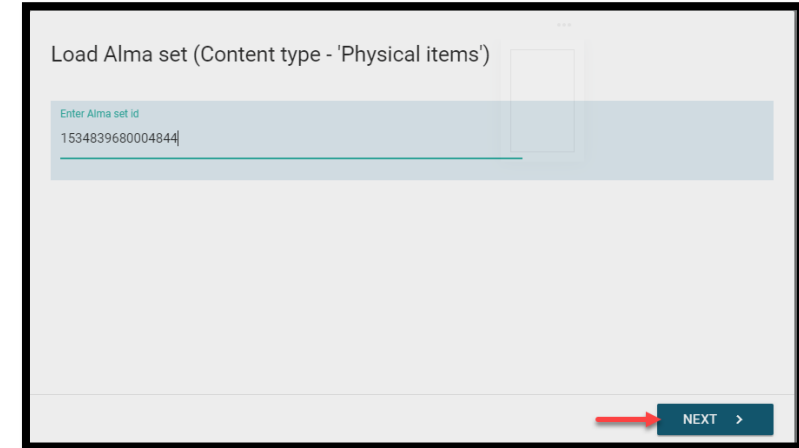
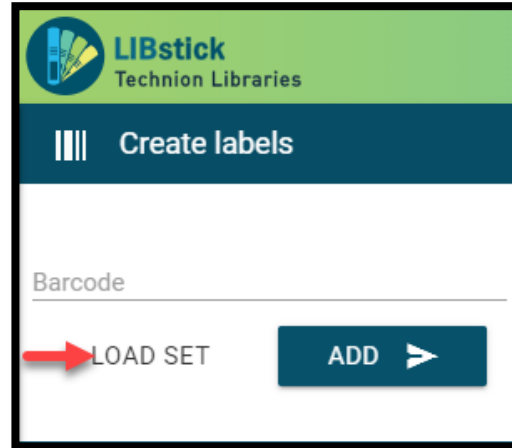
1. Create a physical items set in Alma
2. Click **Edit** from the ellipses of the set
3. Click **Print in LIBstick**
4. LIBstick open automatically
5. Click **Next**
6. Click **Next**
7. Click **Finish**
8. Click **Print**
9. Select printer
10. Click **Print**



LIBstick App in Alma

Print Labels from a physical items set in LIBstick:

1. Copy the physical items Set ID
2. Login to Libstick
3. Click **Create Barcode**
4. Click **Load Set**
5. Paste the Set ID
6. Click **Next**
7. Click **Next**
8. Click **Finish**
9. Click **Print**
10. Select printer
11. Click **Print**



SpineOMatic

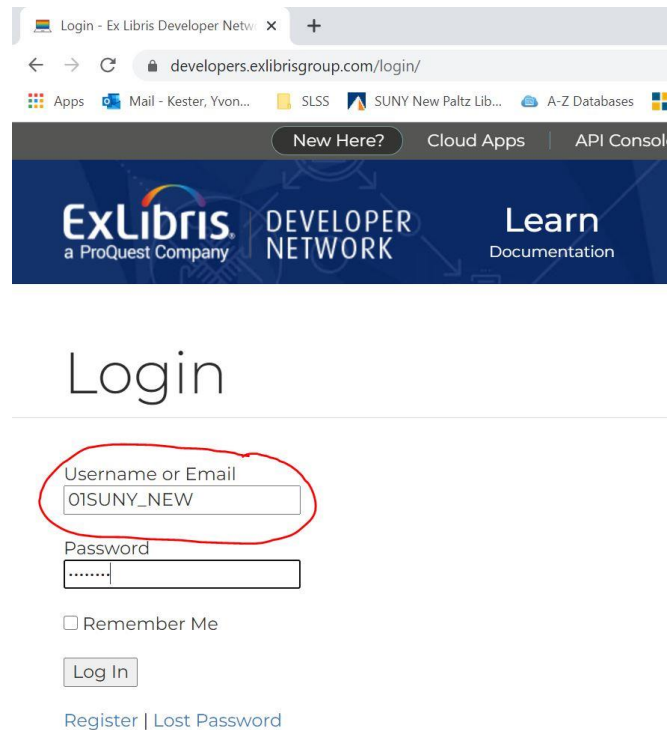
Easy Installation for Campuses
That Have Admin Access to Their Computers

1. Get your API key from the Ex Libris Developer Network
2. Download SpineOMatic
3. Install SpineOMatic
4. Configure SpineOMatic



SpineOMatic

Get your API key from the Ex Libris Developer Network



Username or Email
01SUNY_NEW

Password
.....

Remember Me

Log In

[Register](#) | [Lost Password](#)

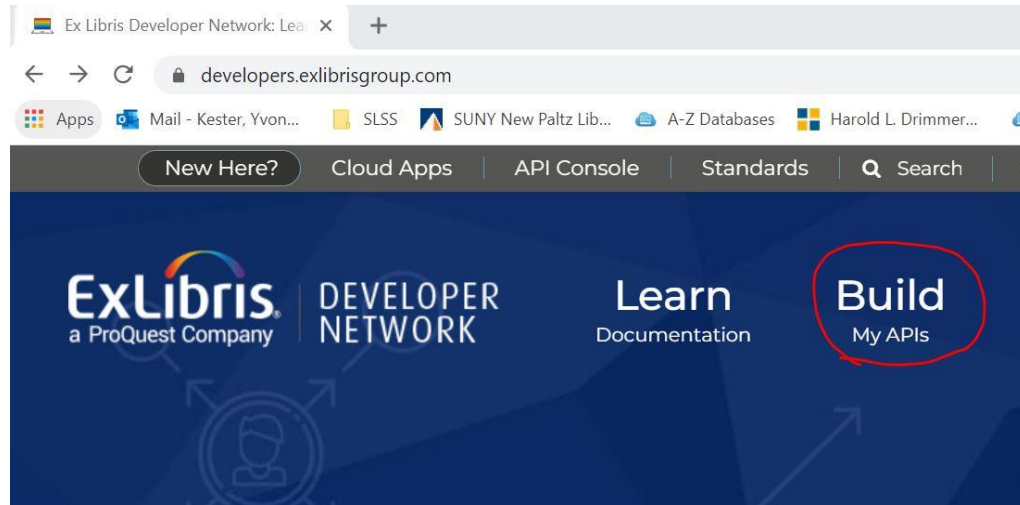
Go to <https://developers.exlibrisgroup.com/login/>

****Important:**
Log in using your institution account

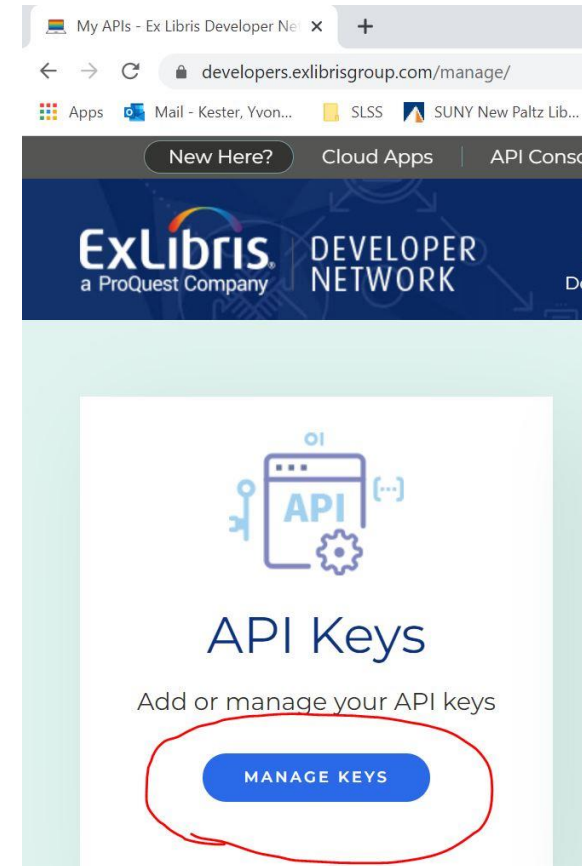


SpineOMatic

Get your API key from the Ex Libris Developer Network



Go to Build My APIs > Manage Keys



SpineOMatic

Get your API key from the Ex Libris Developer Network

Manage API Keys - Ex Libris Deve x +

developers.exlibrisgroup.com/manage/keys/

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Primo Search API Index Data Copy Primo Search - Production Read-only Bibs - Production Read-only Edit

Self-Check Web Application Copy Users - Sandbox Read/write Bibs - Sandbox Read/write Edit

SpineOMatic Copy Bibs - Production Read-only Edit

Add API Key

Add/Edit API Key

Name SpineOMatic

Description

Enabled

Save detailed log files

Allowed IP Range Optional - Only requests within the IP Range will be allowed. CIDR format (Example:1.2.3.4/32)

Restriction Profile code Optional - the code of the Integration Profile which limits access to specific vendors.

Permissions

Area	Env	Permissions	Action
Bibs	Production	<input checked="" type="radio"/> Read-only <input type="radio"/> Read/write	Delete

Add Permission

Save Cancel

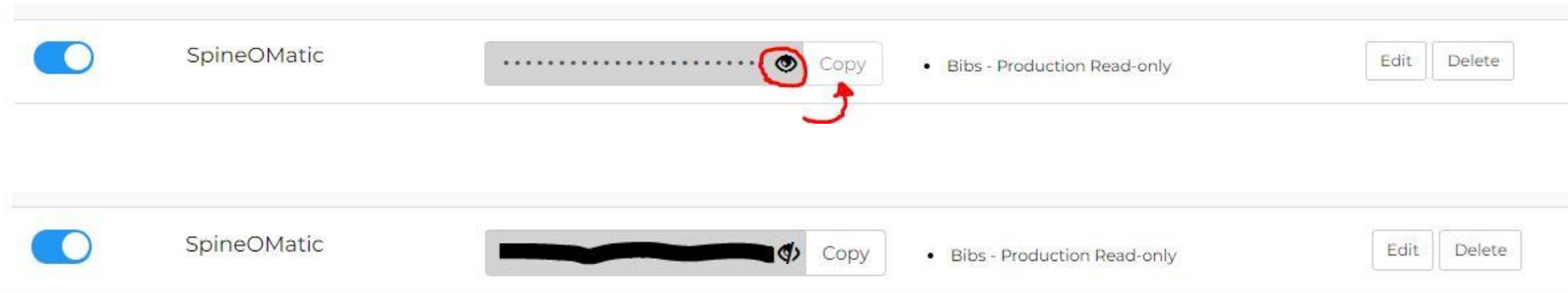
Click Add API Key and give it a name

Permissions are set to Bibs, Production, Read-only



SpineOMatic

Get your API key from the Ex Libris Developer Network



- Click on the eye symbol on the API key to enable the Copy button
- Copy the API key and paste it in Notepad until you are ready to use it

SpineOMatic

Download SpineOMatic at

<https://github.com/ExLibrisGroup/SpineOMatic/releases/tag/v7.0.0>

Release v7.0.0 · ExLibrisGroup/SpineOMatic

github.com/ExLibrisGroup/SpineOMatic/releases/tag/v7.0.0

Apps Mail - Kester, Yvon... SLSS SUNY New Paltz Lib... A-Z Databases Har

Releases Tags

v7.0.0
b9e47b6
Verified
Compare

v7.0.0
Otterfan released this on Feb 21, 2018 · 29 commits to
First tagged release in git.

Assets 4

- SpineLabeler.exe
- SpineOMatic_7.0_users_manual.pdf
- Source code (zip)
- Source code (tar.gz)

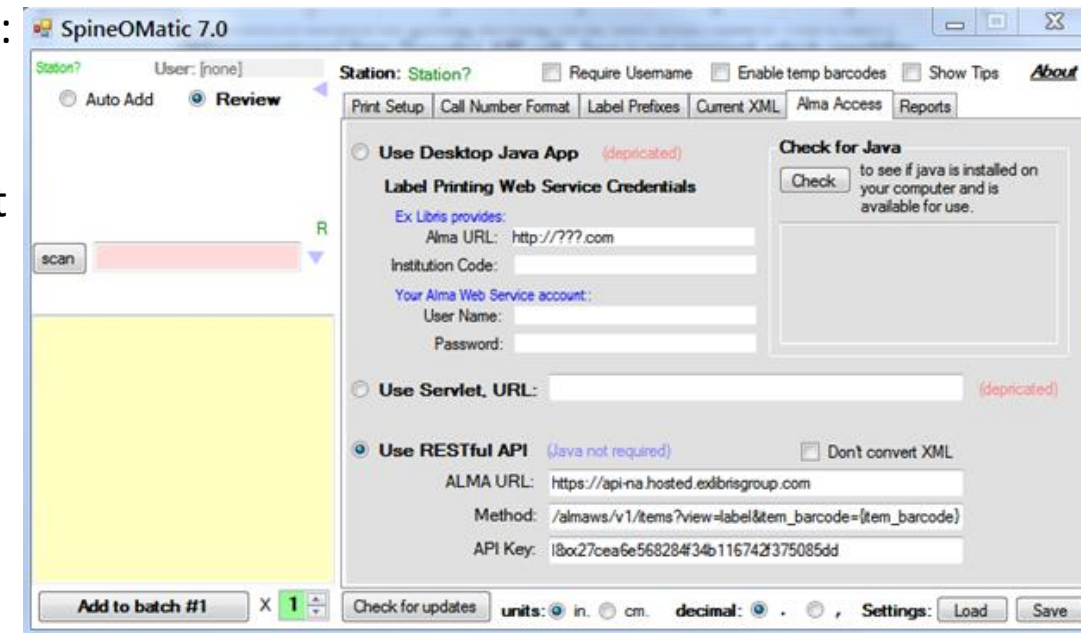
SpineLabeler.exe



SpineOMatic

Install SpineOMatic

1. Create a folder named **Spine** in the C drive
2. Paste **SpineLabeler.exe** into this folder
3. Right click on SpineLabeler.exe and choose **Create Shortcut**, place it on the Desktop
4. Double click on the shortcut to open SpineOMatic
5. Click on the Alma Access tab and make the following changes:
 - a. Choose Use RESTful API
 - i. Alma URL: <https://api-na.hosted.exlibrisgroup.com>
 - ii. Method should be filled in already – don't change it
 - iii. Paste the API key from the Developer's Network
 - iv. Load and Save



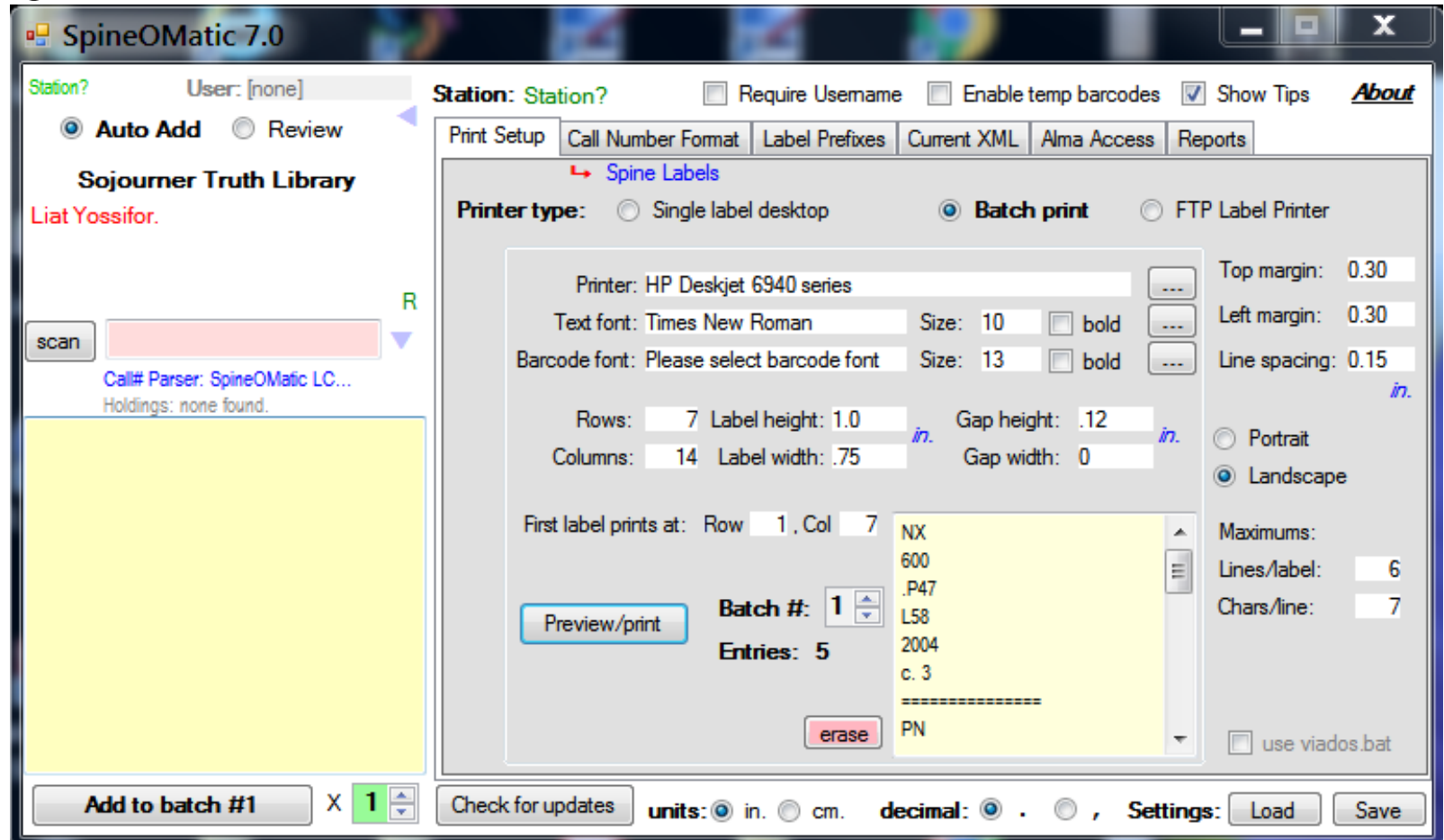
SpineOMatic

Configure SpineOMatic

For **sheet labels** these settings worked, but you may need to play around with them:

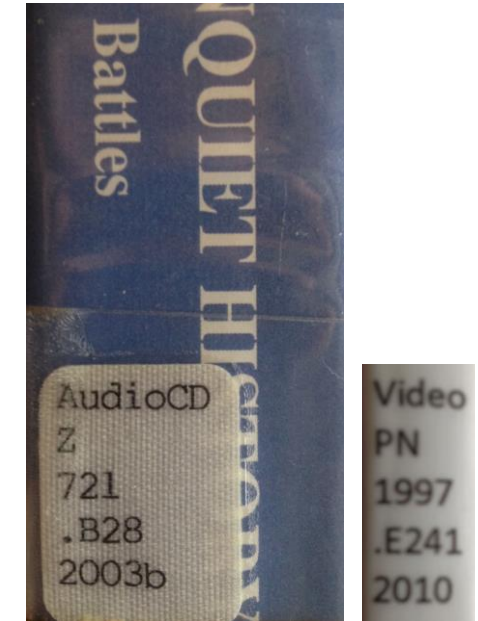
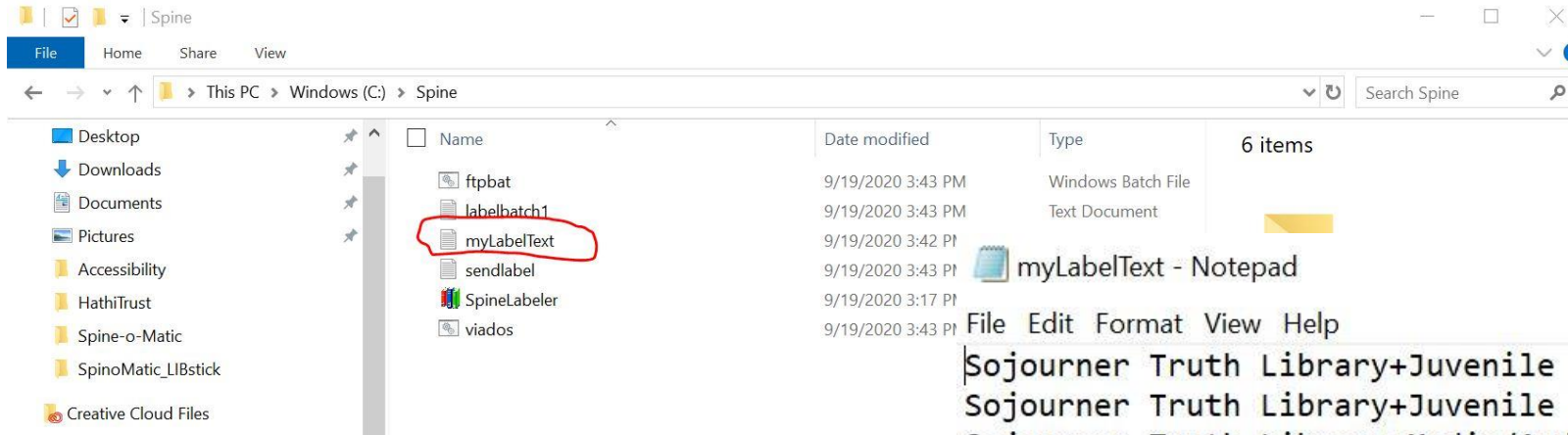
Times New Roman Size 10

- Top margin 0.30
- Left margin 0.30
- Line spacing 0.15
- Rows 7
 - Label height 1.0
 - Gap height .12
- Columns 14
 - Label width .75
 - Gap width 0



SpineOMatic

Configure SpineOMatic



The **myLabelText** file is where you set up label prefixes for the various collections in your library



SpineOMatic

Features

- Customizable call number format
- Batches are not cleared when the application is closed, so can be accumulated over multiple scanning sessions
- Can store multiple batches at one time
- Single- or multi-page previews
- "Start printing on label sheet at:" allows you to print on partially used label sheets
- Several customized printing options, such as pocket label sets for items with multiple parts and flag slips to place inside items that can't take adhesives



LIBstick vs. SpineOMatic

	LIBstick	SpineOMatic
API Key	Yes	Yes
Desktop Installation	No	Yes
Alma Installation/Configuration	Yes	No
Print Labels to Label Printer	Yes	Yes
Print Labels to Printer	Yes	Yes
Print Label by Barcode	Yes	Yes
Print Labels for a Set of Records	Yes	No
Ability to Edit Labels	Yes	Yes
Logged into Application to Print	No	Yes
Logged into Alma to Print	Yes/No	No
External Support	Yes	No



LIBstick vs. SpineOMatic

	LIBstick	SpineOMatic
Ease of Installation	Moderate	Easy
Ease of Configuration	Variable	Moderate
Ease of Use	Moderate	Easy

Conclusion:

- LIBstick is a good option for libraries that cannot install software on their desktops to be able to print spine labels in Alma
- SpineOMatic libraries may prefer to stay with SpineOMatic as long the software is supported because it is easier and more stable to use than LIBstick at this time



Supporting Documentation

LIBstick:

- Technion Libraries' Documentation
 - [LIBstick documentation](#)
 - [LIBStick YouTube videos](#)
- Ex Libris documentation:
 - [Using LIBstick to Print in Alma](#)
 - [How to Install and use Print in LIBstick Cloud App](#)

SpineOMatic:

- For application download and full documentation:
<https://github.com/ExLibrisGroup/SpineOMatic/releases/tag/v7.0.0>





The State University of New York

LIBstick Chrome Extension

www.suny.edu



LIBstick Chrome Extension

To install LIBstick's Chrome Extension (must have admin privileges to desktops to install):

1. Get an API key from Ex Libris' Developers Network*
2. Create a LIBstick account*
 1. Add users
 2. Configure Paper
 3. Configure label templates
3. Install Libstick Chrome Extension (using Google Chrome for this example)

Using Libstick Documentation: <https://developers.exlibrisgroup.com/blog/using-libstick-to-print-labels-in-alma/>

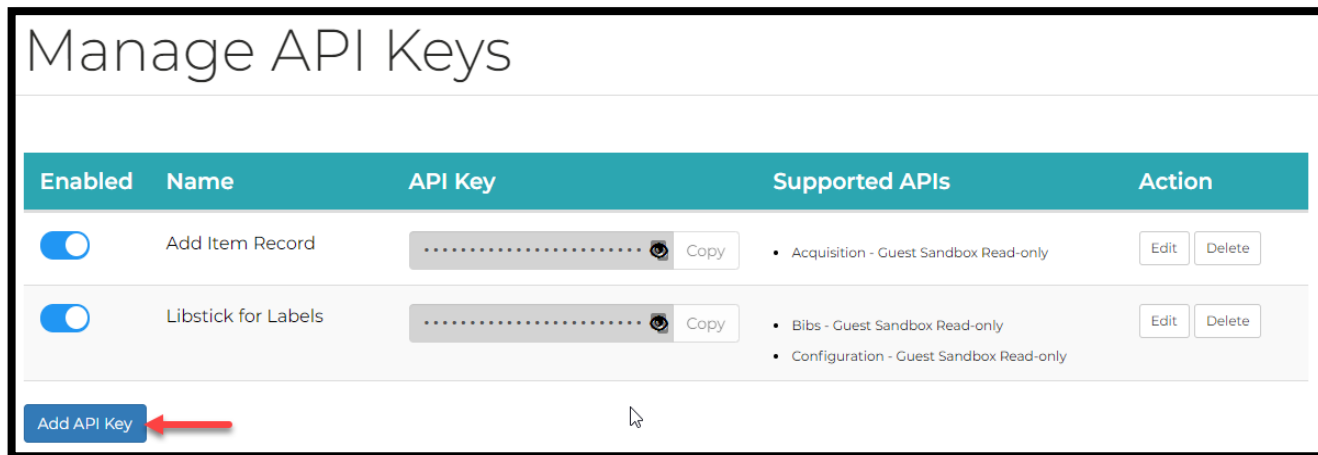
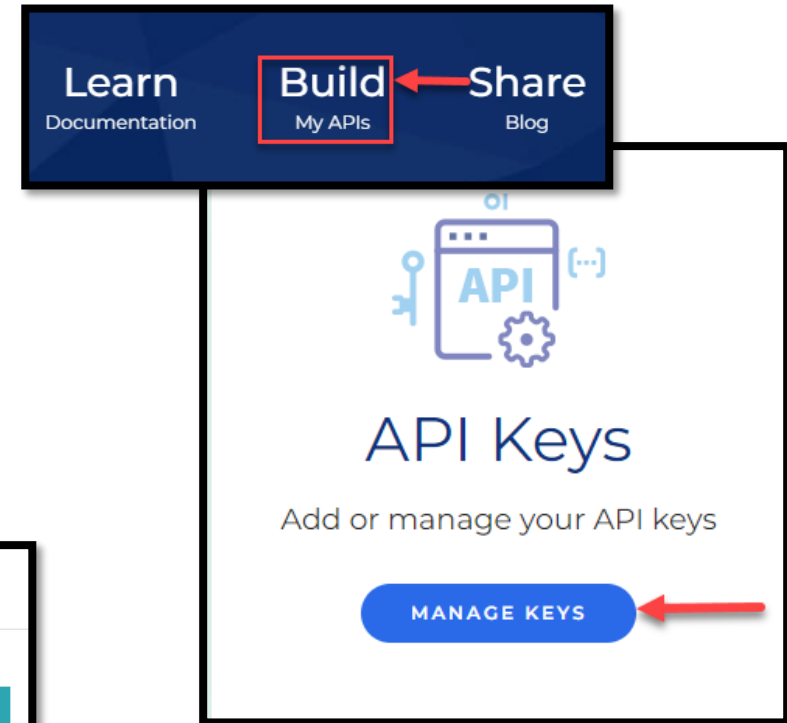
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LIBstick API

Add/Edit API Screen opens:

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 - **Name:** [LIBstick App]
 - **Description:** [Optional]
 - **Enabled:** [Make sure it is enabled]
 - **Save detailed log files:** [Leave disabled]
 - **Allowed IP Range:** [Optional]
 - **Restriction Profile code:** [Optional]
2. Click **Add Permissions**
 1. Area: [Select Bib]
 2. Env: [Select Production]
 3. Permissions: [Select Read-only]
3. Click **Add Permissions**
 1. Area: [Select Configuration]
 2. Env: [Select Production]
 3. Permissions: [Select Read-only]
4. Click **Save**

Add/Edit API Key

Name: Libstick Testing

Description: SLSS API used for testing libstick spine label cloud app in NP Sandbox. Created by SP on 8/6/20 to k

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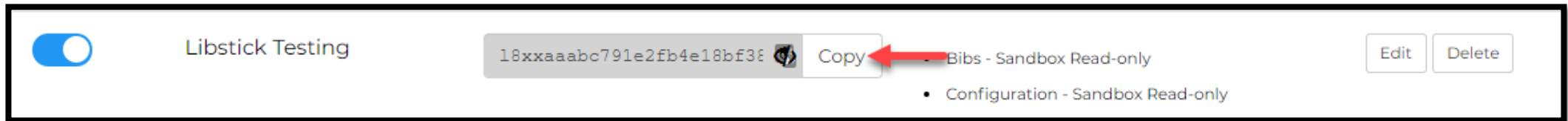
LIBstick API

Copy API key:

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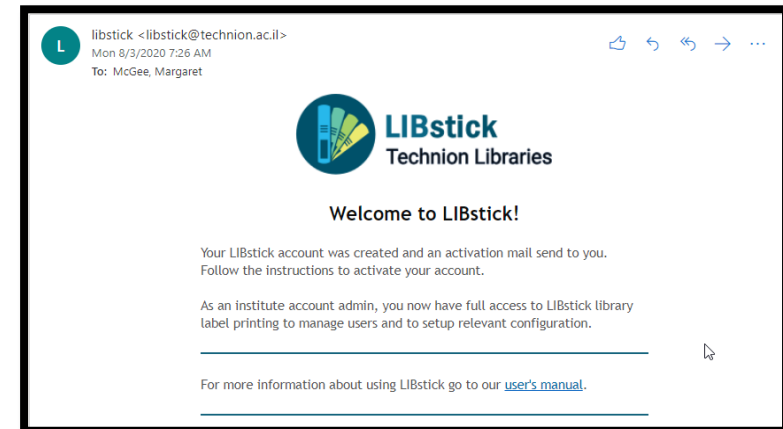
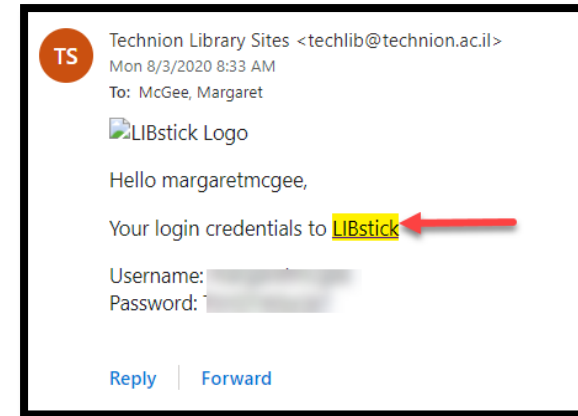


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 1. Alma URL
 2. API key
 3. Paper
 4. Label examples
2. Activate your LIBstick account from your confirmation email
3. Login to LIBstick with credentials from email



Adding LIBstick Users

1. Login to LIBstick
2. Click on the username drop-down menu
3. Click on **Settings**
4. Click **Users>Add New**
 1. Username: [use Alma username]
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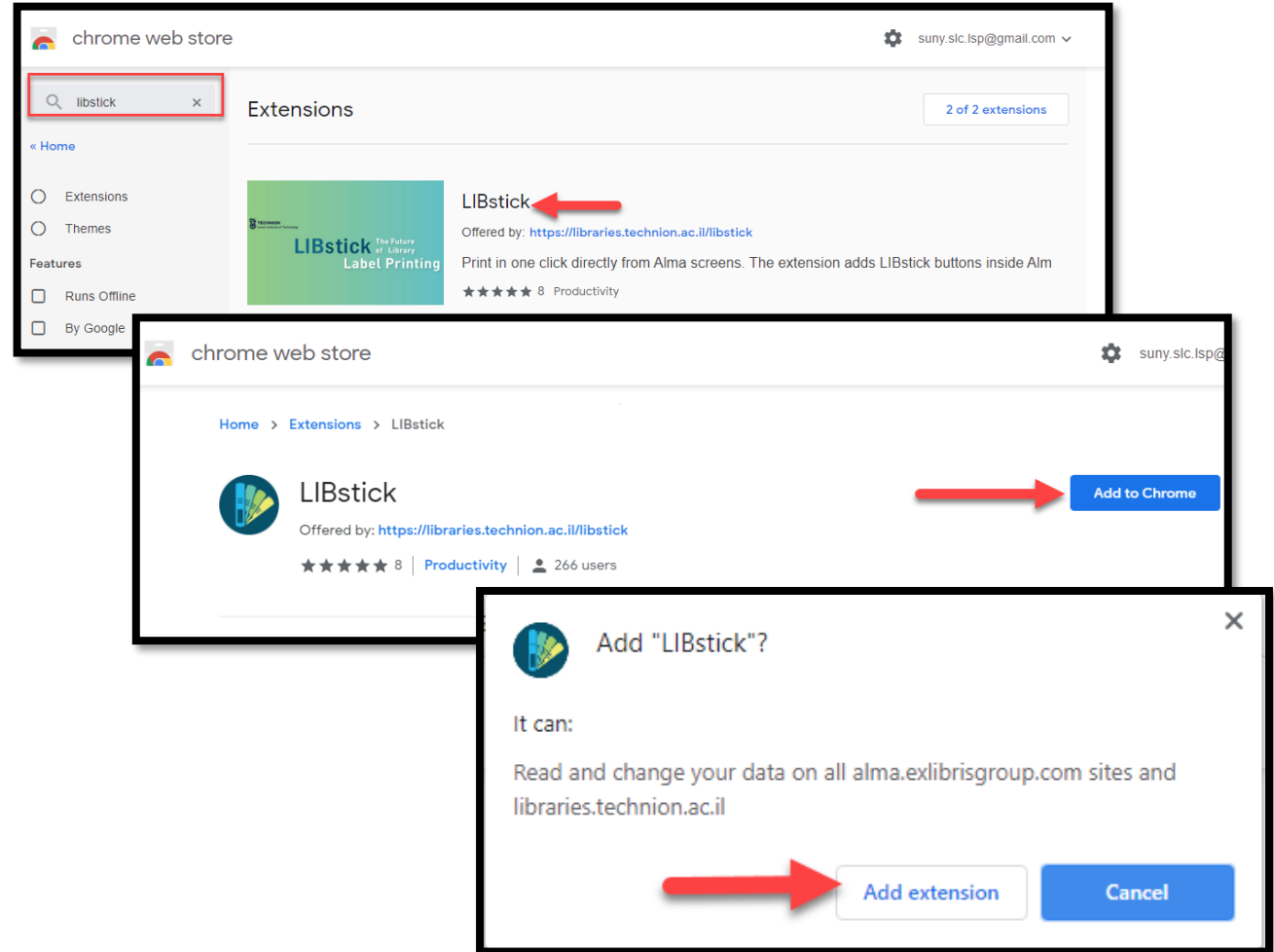
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Install LIBstick Browser Extension for Google Chrome

To install the LIBstick browser extension in Google Chrome:

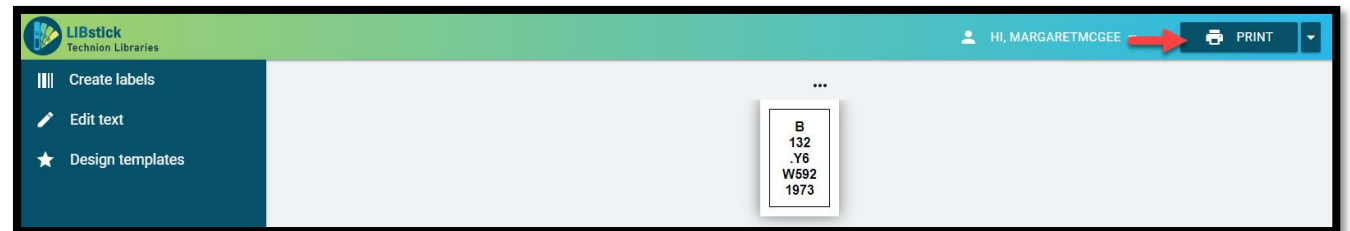
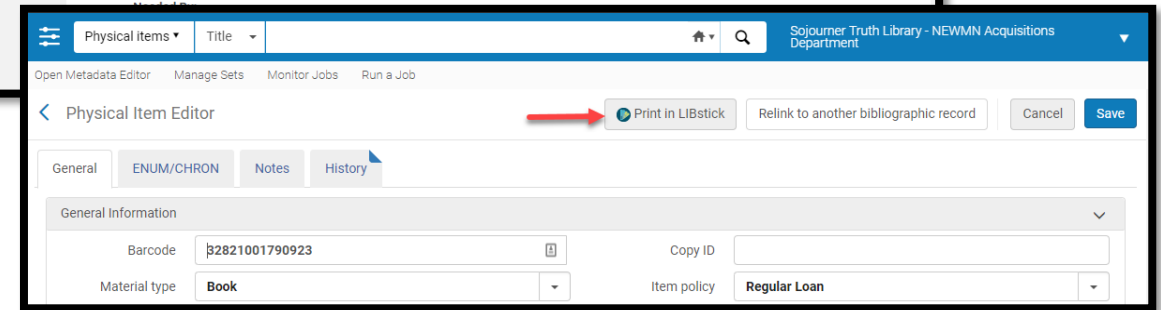
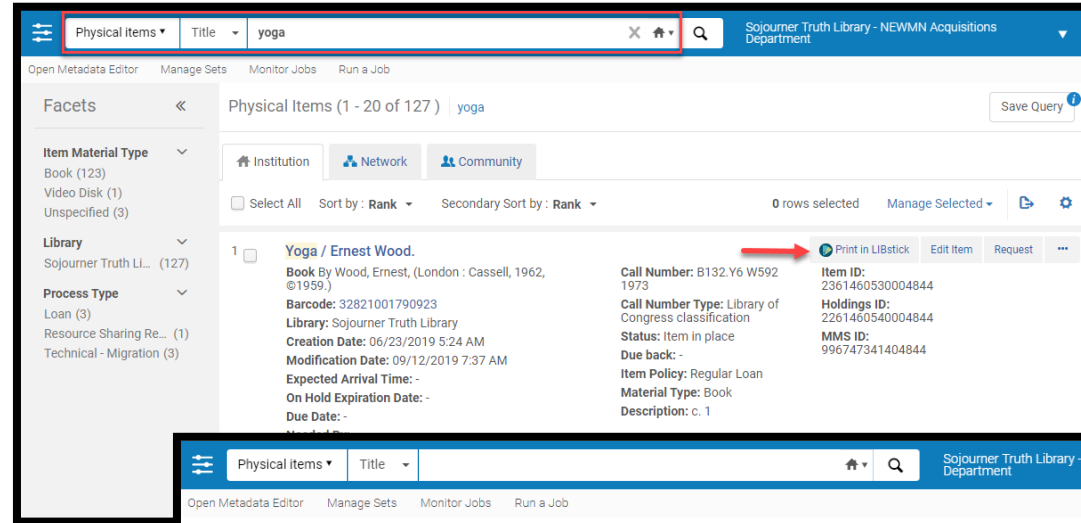
1. Go to the [Extensions - Google Chrome Store](#)
2. Search for **LIBstick**
3. Click on **LIBstick**
4. Click on **Add to Chrome**
5. Click on **Add Extension** from the pop-up message
 - The extension can be enabled for Incognito as well after the extension is installed



LIBstick Using the Chrome Extension

Print labels from Alma:

1. Perform a physical item search
2. Click **Print in LibStick** from the repository search or from the physical item editor screen
3. Go to LIBstick
4. Click **Print**
5. Click **Print**





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Questions? Comments?

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