

Library Open Workflows:

Empowering Libraries with Automation



Shai Ben-Hur, VP Product Engineering



Agenda

- What is It?
- Development Partners
- How is it Integrated?
- Workflow Examples
- Q&A

The Alma Universe of APIs & Integrations

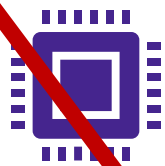


<https://developers.exlibrisgroup.com/live/>

The Need



Server
Provisioning



Local
Development
Environment



Code/
Deploy/
Monitor



Security

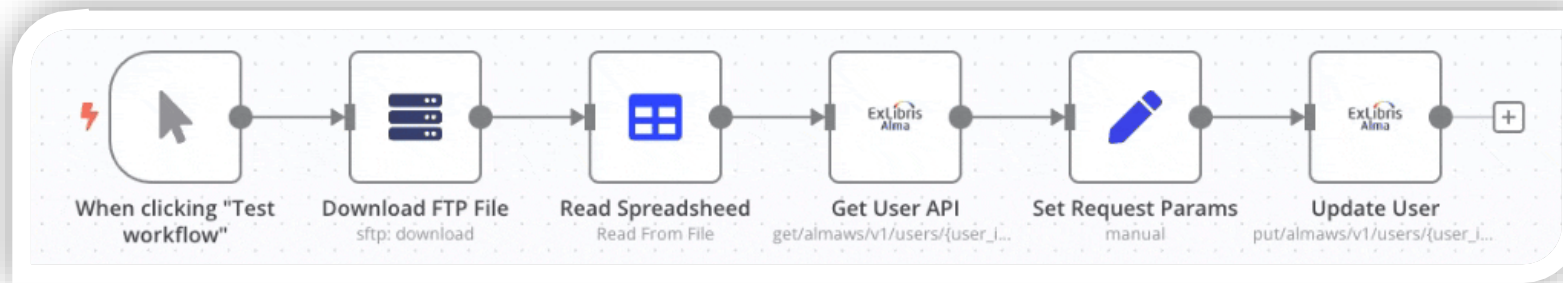


Update

What is Library Open Workflows?

A workflow solution for **creating, managing, and orchestrating** processes and integrations

Built on **strong** foundations (n8n)



What is Library Open Workflows?

Fully Integrated

Deployed and managed within the Higher Education Platform.

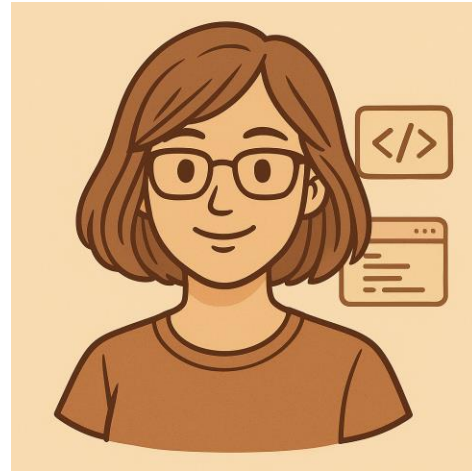
Extended

Built-in **plug-n-play** Nodes for **easy** workflow creation

Community Sharing

Enables community **sharing** of workflows while ensuring **strict data privacy**.

Target Audience



Developers



Technical Librarians



Development Partners

Following IGeLU 2024

Development Partners



THE UNIVERSITY OF
SYDNEY



LOS RIOS
COMMUNITY
COLLEGE DISTRICT



HARVARD
UNIVERSITY



Development Partner Program



One on One

Individual sessions with all 15 Development Partners to discuss goals and challenges



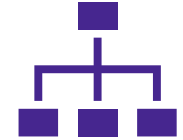
Teams

Dedicated Teams channel for issue tracking and open discussions



Power House

Joint sessions for exchanging knowledge and showcasing examples



Consortia Sessions

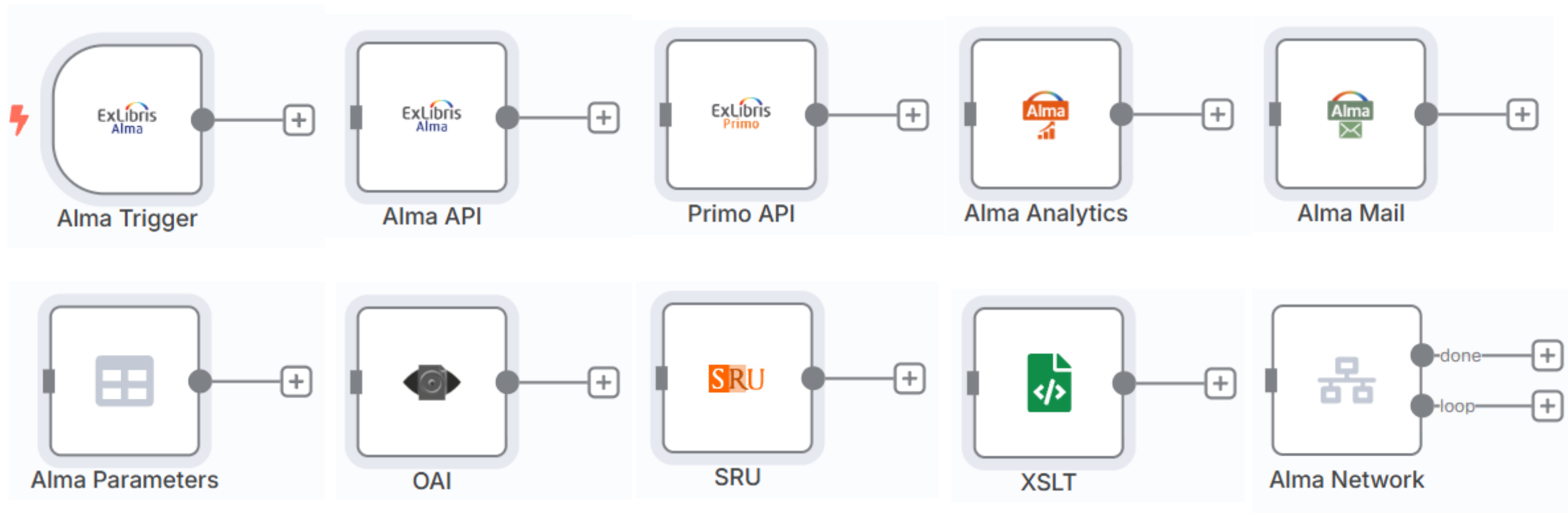
Strong emphasis on consortia workflows



Enhancements

Working with our Development Partners

Enhancements



More Enhancements...



Forms

Empower the
librarian



Community

Collaboration on
workflows

Enhancements - Forms

On form submission

Get All Holdings by MMS ID

Split Out

Construct Holding Str

Aggregate

Select Holdings

Get Holdings Bib

Form Ending

ExLibris Alma University

Physical items Keywords

Welcome, Shai Ben-Hur 08/31/2025

Recent Pages

Admin Access Administration

User Access Administration

Workflow Sharing Administration

Manage Patron Services Fulfillment

Manage Sets Administration

Example for a WebForm

MMS ID

Holdings ID

Submit

Library Open Workflows

Launch library workflows

Description

Allows the library staff to submit a form, which will initiate a predefined workflow based on certain parameters

By: exlibris

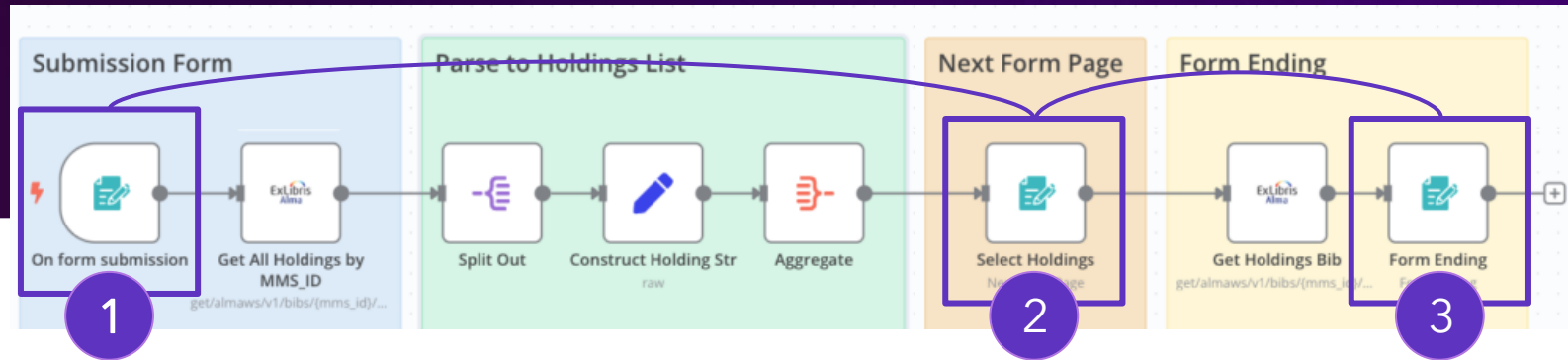
More information

View the app on: Ex Libris App Center

Version: v0.2.9

Use of this app is subject to the Terms of Use of the Ex Libris Developer Network

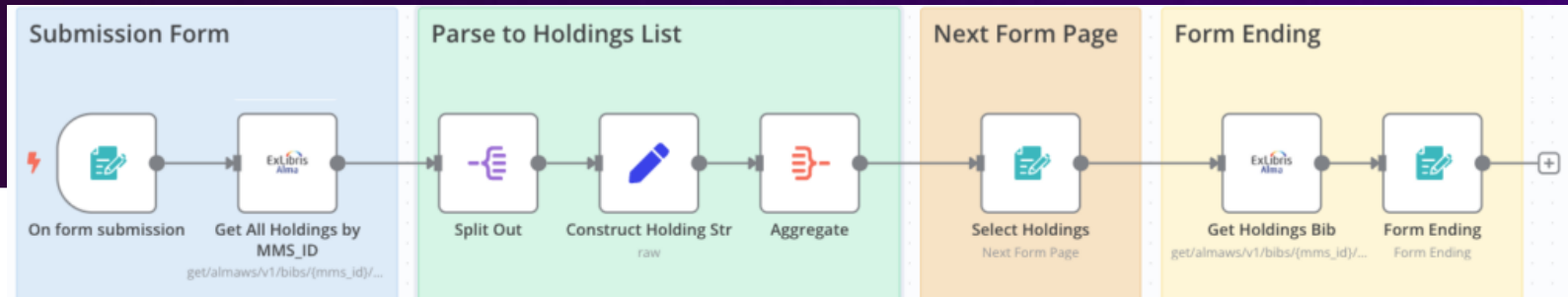
Multi-step forms



The screenshot shows the ExLibris Alma user interface. The top navigation bar includes "Users" and "All". The main content area displays "Welcome, Shai Ben-Hur" and the date "06/08/2025". Below this, there are links for "Recent Pages", "Admin Access", "Monitor Jobs", "Publishing Profiles", and "Manage Sets". On the right side, there is a sidebar with "Library Open Workflows" and a section titled "EXAMPLE FOR A WEBFORM". This section contains two input fields: "MMS ID" with the value "991345150000121" and "Holdings ID" with the value "225683580000121". A red "Submit" button is located at the bottom of the form.

From Blog Posts:
[Forms in Library Open Workflows](#)
[Library Open Workflows: Multiple Steps Form](#)

Roles/Default Parameters



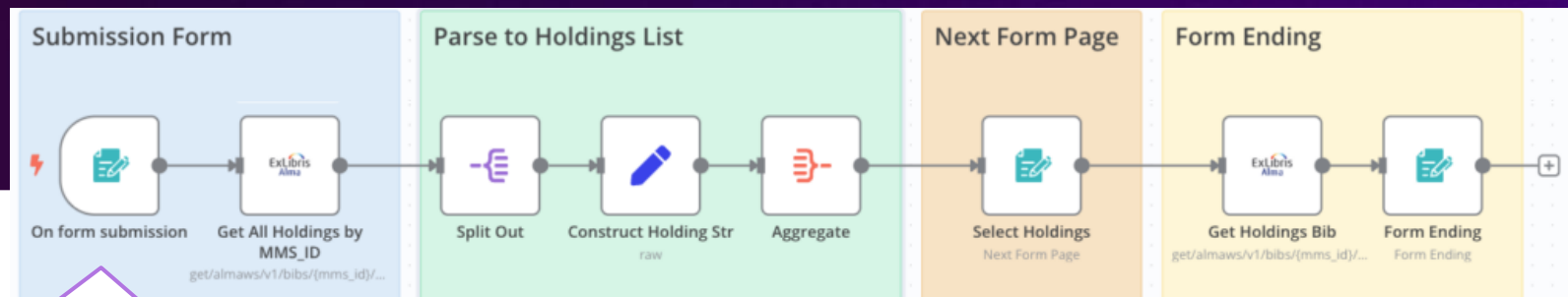
The screenshot shows the ExLibris Alma University interface. The main content area displays the 'Edit Entry' form for a WebForm. The form includes fields for Form*, Path*, Name*, and Description. The 'Roles' field is highlighted with a red box and shows 'User Manager' selected, with '1 roles selected' indicated below it. The 'Default parameters' field is also visible below the roles field.

From Blog Posts:

[Forms in Library Open Workflows](#)

[Library Open Workflows: Multiple Steps Form](#)

Authentication



WebForm Execute step

Parameters Settings Docs

▼ Form URLs

Test URL Production URL

`https://na-workflows.hosted.exlibrisgroup.com/7c330def-e948-4669-84c9-1a0a7a48968f/form-test/3fd5861b-f6a8-4... Parameter: "formTitle" e6`

Authentication

Alma

This form will only be available to load via Alma, using the Library Open Workflows Cloud App

Form Title Fixed Expression

Example for a WebForm

Form Description

e.g. We'll get back to you soon

Form Elements

Field Name

MMS ID

Enhancements - Templates

Workflow Sharing (1 - 12 of 12)

Title

Sort by: Title

Add

1 SMS Example

2 Analytics API

3 Simple Example for API

4 SB Auto Disable Users in a Set

5 Working with MARC in Library Open Workflows

6 Working with WebForms in Library Open Workflows

7 Create BIBFRAME from Library of Congress

8 Scheduled users purge by set

9 Working with WebForms in Library Open Workflows II

10 Rapido Patrons CSV to XML

11 New workflow

12 Update Loan Due Date When a User Account

Preview

Summary

Description

Categories

Display empty sections

Quick Access

Delete

View

Update

SMS Example

Published

Last published 04/21/2025 08:00

Workflow ID eE36130Cq5z9B9ud

Workflow name SMS Example

This workflow might have changed since this record was created

Description

Search workflows

Workflows (19)

SMS Example

6 months ago | By Alma University

Analytics API

6 months ago | By Alma University

Simple Example for API

6 months ago | By Alma University

Error handler AI

3 weeks ago | By SLSP Network Zone

Working with MARC in Library Open Workflows

2 months ago | By Alma University

Working with WebForms in Library Open Workflows

2 months ago | By Alma University

Create BIBFRAME from Library of Congress

2 months ago | By Alma University

Scheduled users purge by set

2 months ago | By Alma University

Working with WebForms in Library Open Workflows II

1 month ago | By Alma University

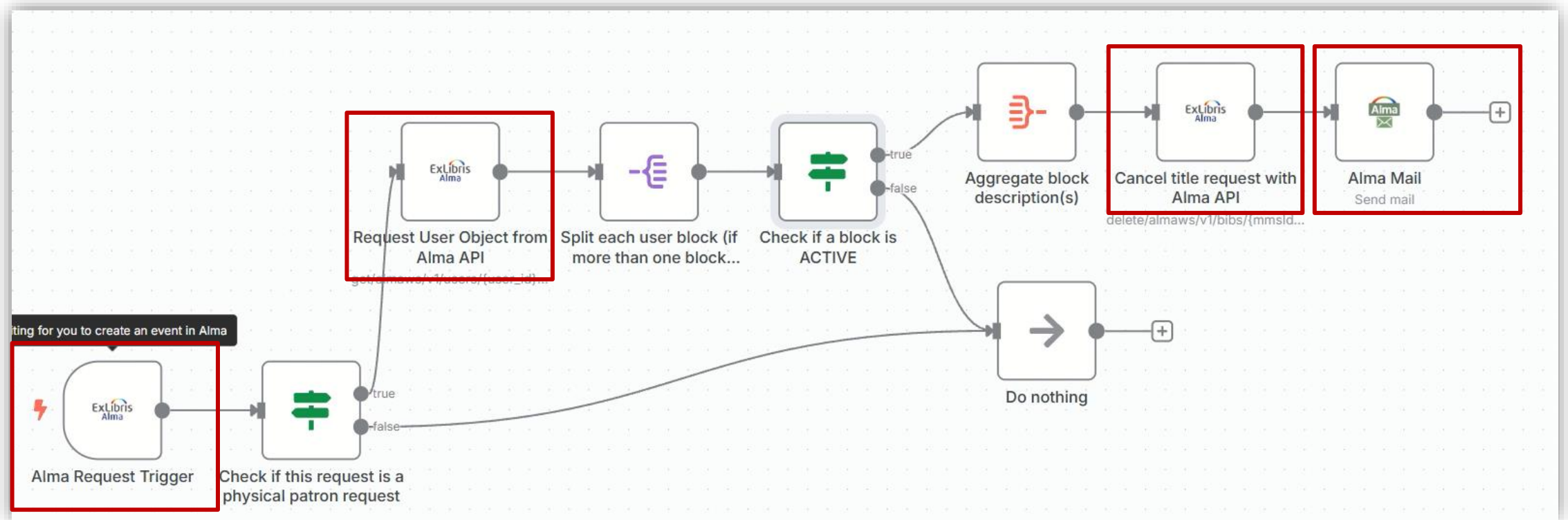
Adding invoices to Alma - onetime orders

2 months ago | By Tampere University Foundation

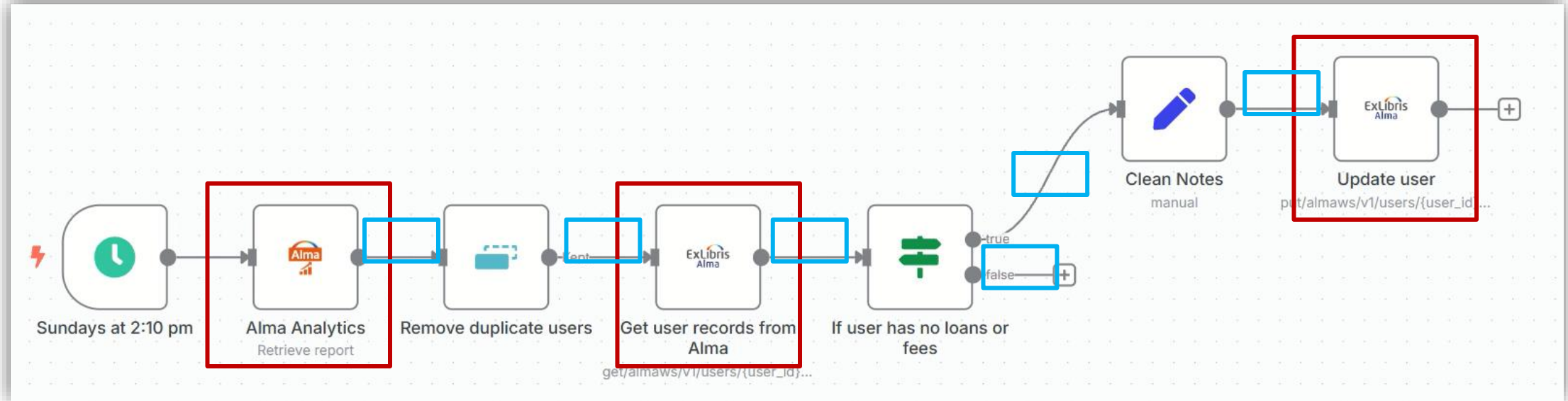
Rapido Patrons CSV to XML

1 month ago | By Alma University

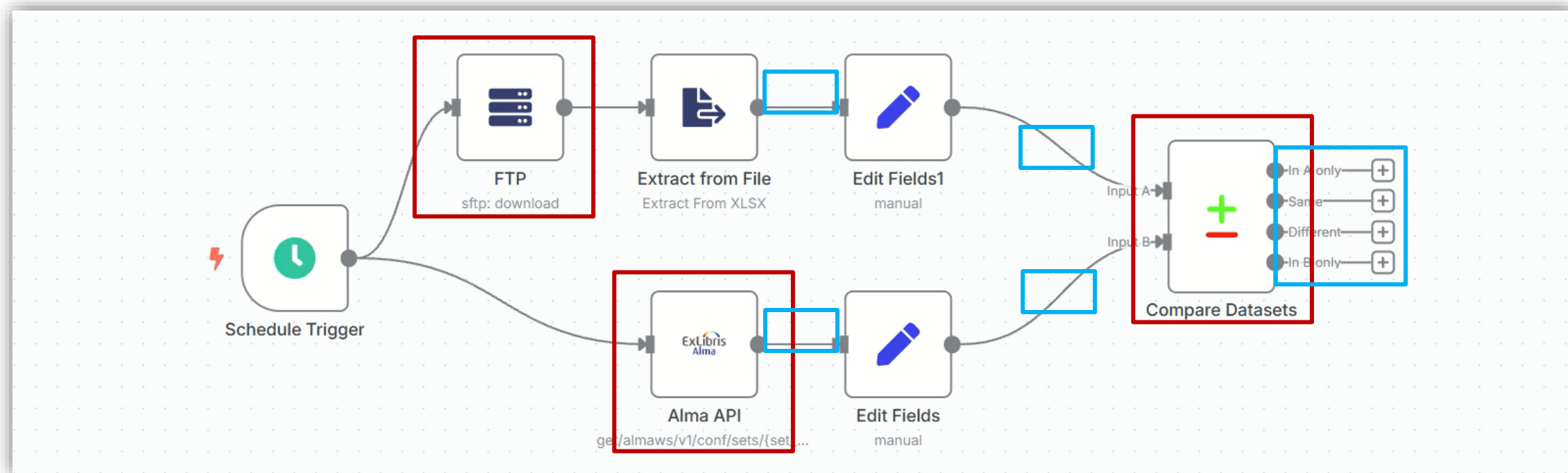
Cancel Requests with Blocks



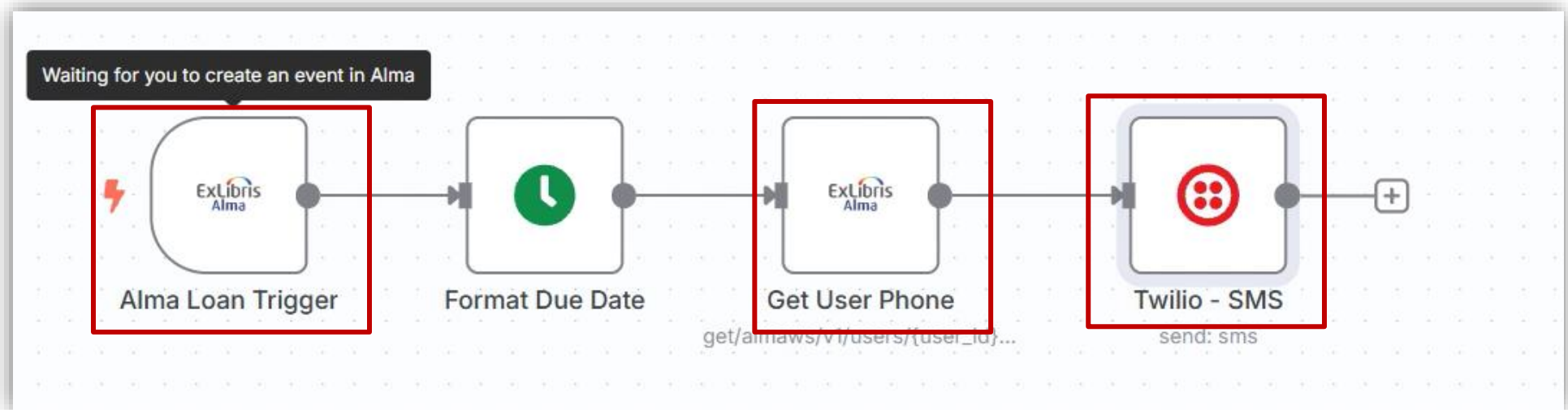
Delete Unneeded User Notes Based on Analytics Report



Compare Datasets



Send SMS on Loan with Due Date



Process Invoice Based on Image

RETURN BOOKS ONLY TO:
DEMO PUBLISHING
123 Demo St.
Demo City, DM 00011

DEMO Publishing Co. Ltd.

Remit to: PO Box 123456 Demo, DM 00011
UK
PHONE: (23) 789-4555
Customer Service: 23 986-78946 45 967-88963
1% Finance Charge per 60 days past due

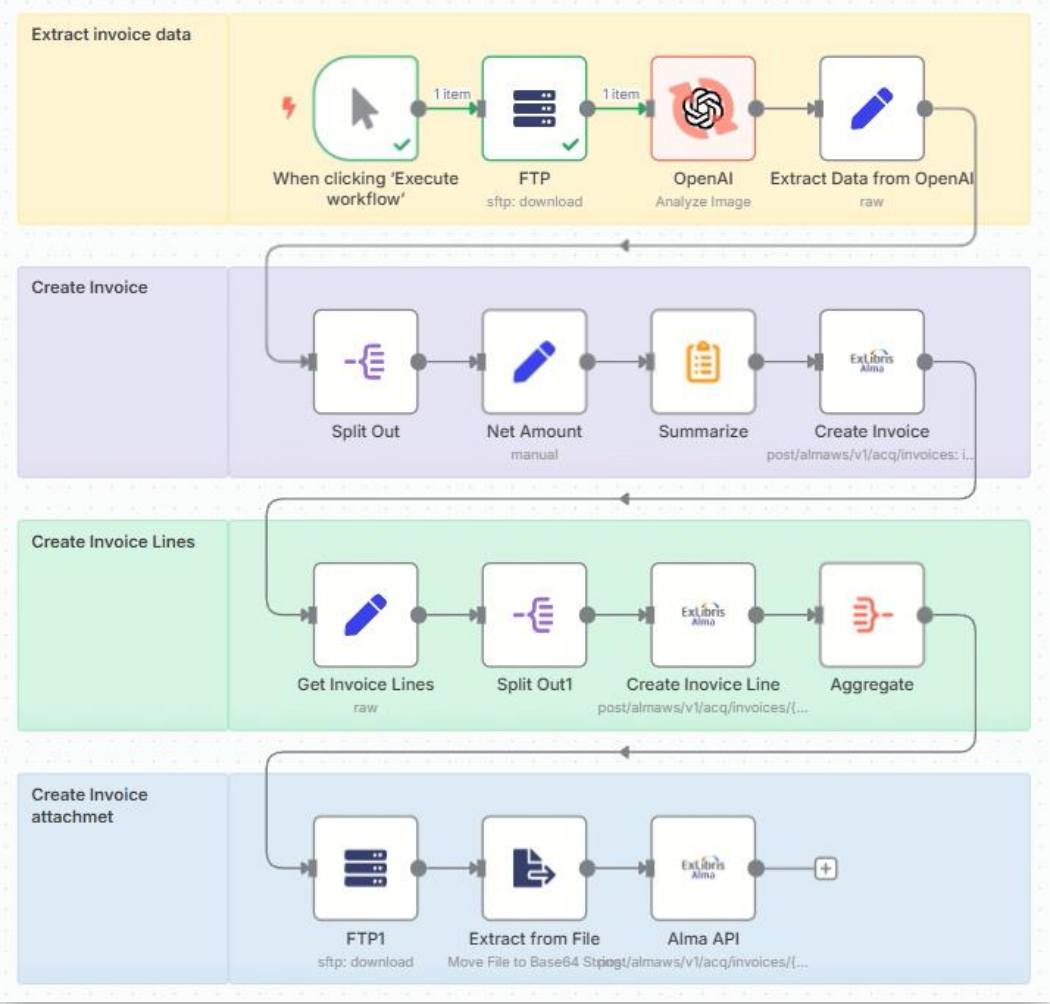
Please refer to invoice number
below when writing or remitting

INVOICE
NUMBER 123456

SOLD TO: CHINESE UNIV OF HONG KONG
UNIVERSITY LIBRARY
ACQUISITIONS DEPARTMENT
HONG KONG

SHIP TO: CHINESE UNIV OF HONG KONG
UNIVERSITY LIBRARY
ACQUISITIONS DEPARTMENT
SHATIN
HONG KONG

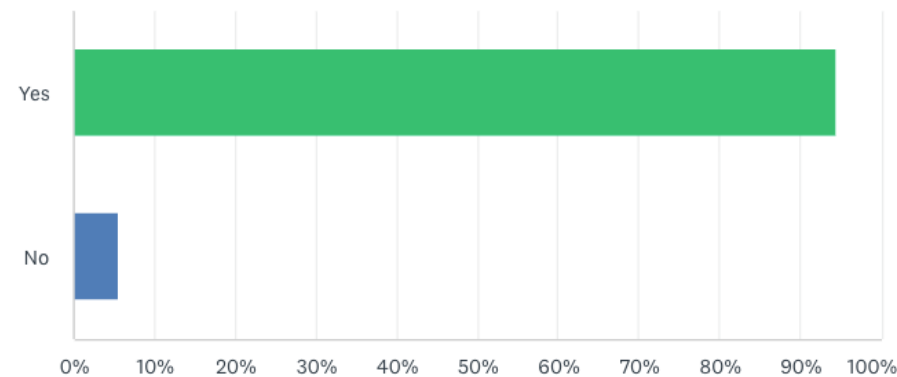
INVOICE DATE	TERMS	DUE DATE	CUSTOMER ORDER NUMBER			CUSTOMER NUMBER		
5/20/25	NET 90	8/18/25	HONG KONG			15-998		
QUANTITY	PURCHASE ORDER #	AUTHOR	ISBN	VOL #	LIST PRICE	DISCOUNT	SINGLE NET	NET AMOUNT
1	POL-69851	SMITHS, TITLE TITLE TITLE TITLE 199909.	7845896351	GEOK NA		10%		
1	POL-61218	SMITHS, FAJDKAL JFEKALFA	7845899357	ARCK NA	35.00	10%	31.50	31.50
1	POL-61336	SMITHS, AFEAF TQAFEAS	7845896357	ERFE NA	50.00	10%	45.00	45.00
1	POL-61566	SMITHS, TTDYUFNHFJ JFHJFHG	7845796357	TTTE NA	35.00	10%	31.50	31.50
1	POL-62117	SMITHS, YUPHFJ JFHRYJ JHEJFH	7845896351	GEER NA	60.00	10%	54.00	54.00
1	POL-63535	SMITHS, YYYUDFSGKILGHDNB FDSHGDGH	7845696357	GEER NA	35.00	10%	31.50	31.50
1	POL-19311	SMITHS, GHDTJYYUKFGD HGDDFHT.	7845796357	GEER NA	70.00	10%	63.00	63.00
1	POL-17411	SMITHS, HTDH JIKHJFSFG G	7846896357	GEER NA	80.00	10%	72.00	72.00
1	POL-61371	SMITHS, GSFGRGJYKHFHJF	7045896357	GEER NA	100.00	10%	90.00	90.00
1	POL-44448	SMITHS, GFSGF HHGDHGTTH	7835896357	GEER NA	35.00	10%	31.50	31.50
1	POL-45407	SMITHS, TITGHTHDGTJ8KD GFSGSD	7845816357	GEREK NA	35.00	10%	31.50	31.50
1	POL-61366	SMITHS, GRRQF FDS UNGDG FFS	7845796357	GRAK NA	35.00	10%	31.50	31.50
1	POL-61370	SMITHS, THHTPPOMGD GFBGWHTH	7849896357	QEQR NA	35.00	10%	31.50	31.50
1	POL-19312	SMITHS, GFSFR H HGFHDHR GSF FFF	7845826357	QEQR NA	35.00	10%	31.50	31.50



Feedback

Do you consider LibOW a winning solution?

Answered: 18 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	94.44%	17
No	5.56%	1
TOTAL		18



Q&A



Thank You

Your voice matters!

Take our 2-min
survey now



Help us innovate

Your feedback drives the next generation of valuable solutions



See real impact

The improvements you experience today are direct results of feedback from customers like you



Shape the future

Help us prioritize improvements that will continue to add value to your work