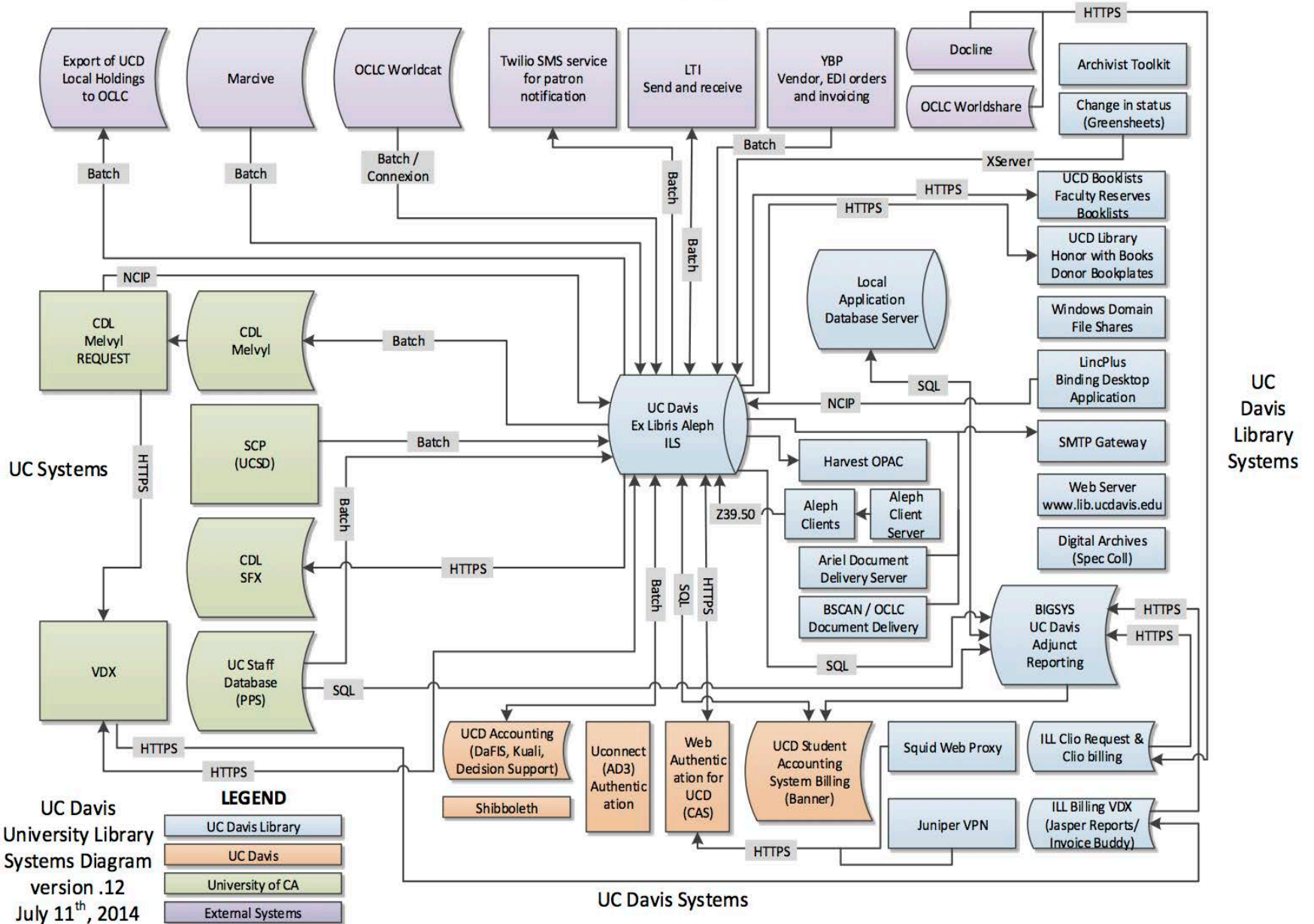# BIBFLOW

http://lib.ucdavis.edu/bibflow

CONVERTING WORKFLOWS TO LINKED OPEN DATA ECOSYSTEM

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External Systems

Export of UCD Local Holdings to OCLC	Marcive	OCLC Worldcat	Twilio SMS service for patron notification	LTI Send and receive	YBP Vendor, EDI orders and invoicing	Docline
						OCLC Worldshare

Archivist Toolkit

Change in status (Greensheets)

HTTPS

Batch

Batch / Connexion

Batch

Batch

Batch

XServer

HTTPS

HTTPS

UCD Booklists Faculty Reserves Booklists

UCD Library Honor with Books Donor Bookplates

Windows Domain File Shares

Local Application Database Server

LincPlus Binding Desktop Application

SQL

NCIP

SMTP Gateway

Web Server www.lib.ucdavis.edu

Digital Archives (Spec Coll)

NCIP

UC Systems

CDL Melvyl REQUEST

CDL Melvyl

Batch

SCP (UCSD)

Batch

UC Davis Ex Libris Aleph ILS

Harvest OPAC

Z39.50

Aleph Clients

Aleph Client Server

Ariel Document Delivery Server

BSCAN / OCLC Document Delivery

SQL

HTTPS

CDL SFX

HTTPS

Batch

BIGSYS UC Davis Adjunct Reporting

HTTPS

HTTPS

VDX

UC Staff Database (PPS)

SQL

Batch SQL HTTPS

SQL

HTTPS

HTTPS

UCD Accounting (DaFIS, Kuali, Decision Support)

Uconnect (AD3) Authentication

Web Authentication for UCD (CAS)

UCD Student Accounting System Billing (Banner)

Squid Web Proxy

ILL Clio Request & Clio billing

LEGEND

Shibboleth

Juniper VPN

ILL Billing VDX (Jasper Reports/ Invoice Buddy)

HTTPS

UC Davis University Library Systems Diagram version .12 July 11th, 2014

UC Davis Library	
UC Davis	
University of CA	
External Systems	

UC Davis Systems

UC Davis Library Systems

	Service	Stakeholders
1	UC Staff Database(PPS)	Access Services
2	Study Room Reservations	Access Services
3	UCD Library Honor with BooksDonor Bookplates	Administration
4	Suggestion Form	AUL
5	Cancel Lists	AUL
6	Change in status(Greensheets)	CatMaint, Access
7	LincPlusBinding Desktop Application	Content Support Services
8	SCP(UCSD)	Content Support Services, CDL/UCSD
9	LTISend and receive	Content Support Services, LTI
10	Marcive	Content Support Services, Marcive
11	Export of UCD Local Holdings to OCLC	Content Support Services, OCLC
12	OCLC Worldcat	Content Support Services, OCLC
13	YBP Vendor, EDI orders and invoicing	Content Support Services, YBP, OCLC, vendors
14	VDX	ILL staff, library/ILL patrons
15	Library Classes/Workshops	Instructional services
16	UCD Accounting(DaFIS, Kuali, Decision Support)	Library Accounting
17	Capital Expense Requests	Library Admin
18	Library Conference Room	Library Admin, IT IS, Facilities
19	Library Directory/Personnel/Auth	Library HR
20	UCD Student Accounting System Billing(Banner)	Library patrons & circ staff
21	Harvest OPAC	Library patrons & staff

	Service	Stakeholders
22	Harvest OPAC	Library patrons & staff
23	Web Authentication for UCD (CAS)	Library patrons, Staff
24	Uconnect (AD3) Authentication	Library patrons, Staff
25	Windows Domain File Shares	Library staff
26	BIGSYSUC Davis Adjunct Reporting	Library staff
27	Aleph Clients	Library staff
28	UC Davis Ex Libras Aleph ILS	Library staff
29	Local Application Database Server	Library staff
30	Travel	Library staff
31	Library Incident Reports	Ops & Assessment, Access Services
32	Ecology	Prof. Schoener (Ecology)
33	Subject/Course/Topic Guides	Research Support
34	Health Sciences E-Texts	Research Support
35	Office Hours	Research Support
36	Subject Specialists	Research Support
37	Databases A-Z	Research Support
38	Library Instruction Statistics	Research Support, Teaching/Instruction
39	UCD BooklistsFaculty Reserves Booklists	Reserves
40	Archivist Toolkit	Special Collections
41	Digital Archives(Spec Coll)	Special Collections
42	Special Collections Manuscripts	Special Collections

BIBFLOW

AN IMLS PROJECT OF THE UC DAVIS LIBRARY & ZEPHEIRA

lib.ucdavis.edu/biblow

Copy Cataloging for Non-Rare Books Using OCLC Connexion Client

posted on October 25, 2014 by *Carl G Stahmer* | *No comments*

The following workflow represents the current work process in place at the UC Davis library when copy cataloging a non-rare...
Continue reading →

Original Non-Rare Book Cataloging Using OCLC Connexion Client

posted on October 25, 2014 by *Carl G Stahmer* | *No comments*

The following workflow represents the current work process in place at the UC Davis library when cataloging an original book...
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Personal and Corporate Name Authority Record Creation

posted on October 24, 2014 by *Carl G Stahmer* | *No comments*

The following workflow represents the current work process in place at the UC Davis library when creating an authority record...
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To search, type and hit enter
Search

Categories

- Findings
- News
- Software Systems
- Workflow Analysis

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If you're at #alaac14 there's still time to sign-up for one of the @zepheiraorg #libhub sessions on #linkeddata libhub.org/blog/
Expand

eric miller   25 Jun
@erimille

Tweet to @BIBFLOW

Bookmarks

Actors

1. Librarians – Highest level of experience.

2. Cataloging Specialist – Medium level of experience.

3. Copy Cataloger – Lowest level of experience.

4. Supporting systems and tools (e.g. harvesting daemon).

Description

User Story: "As a library cataloger I need to create a set of metadata elements in OCLC for a published book that will describe it both for managing it in the Library's collection and making it discoverable (status and existence) by Library patrons in OCLC and replicate that bibliographic record in the local integrated library system."

Success Metric(s)

1. A new set of bibliographic metadata elements will be present in the OCLC Worldcat database.

2. The new set of bibliographic metadata elements will be present and discoverable by library users of the OCLC Melvyl System.

3. The new set of bibliographic metadata elements will be replicated locally in the ALEPH database (harvest).

4. Associated holding and item data elements will be present and useful for the local circulation system.

5. An authority record will be created for: (1) names created in OCLC Worldcat database (note: not all libraries will be able to create names in OCLC Worldcat-need to consider alternate process for these libraries); (2) new subject headings will be submitted as a proposal to LC.
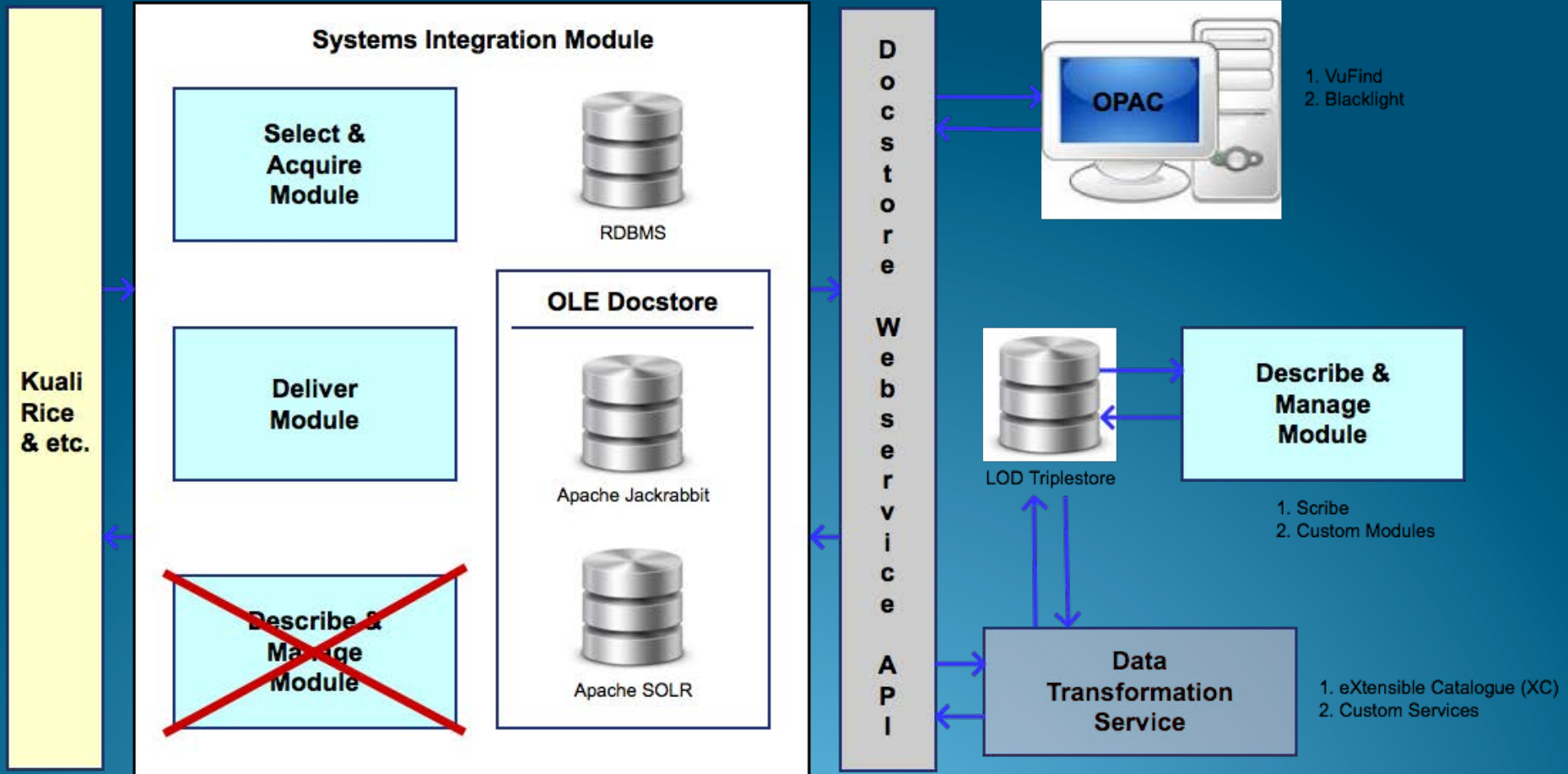
Steps

1. Log in OCLC Connexion Client.

2. Search Worldcat database to ensure no bib record exists.

3. Open MARC template – Books Workform.

4. Fill out fixed fields.

5. Fill out variable fields.

6. Perform "control headings" to link name(s), subject heading(s), uniform title(s), and/or series entry (entries) directly to exactly matching Library of Congress authority record(s), if available. If not, create authority records as needed.

7. Release record into WorldCat database.

8. Attach UCD's OCLC holdings symbols to the bib record created – for ILL and discovery in Melvyl.

9. Export the record from OCLC to Aleph.

0. Create holdings record and item record using Macros.
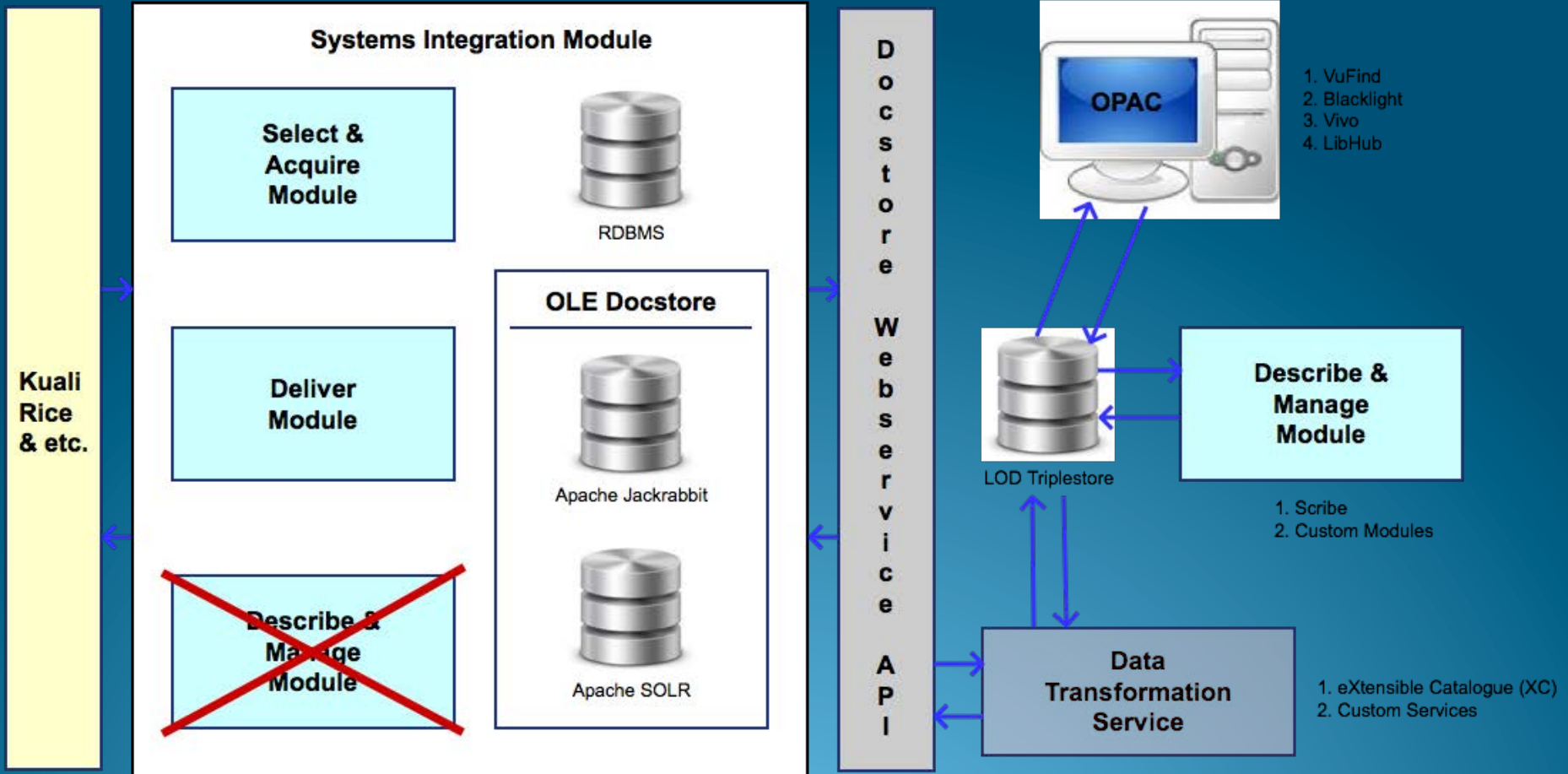
Standard OLE Implementation

Kuali Rice & etc.

Systems Integration Module

- Select & Acquire Module
- Deliver Module
- Describe & Manage Module

RDBMS

OLE Docstore
- Apache Jackrabbit
- Apache SOLR

Docstore Webservice API
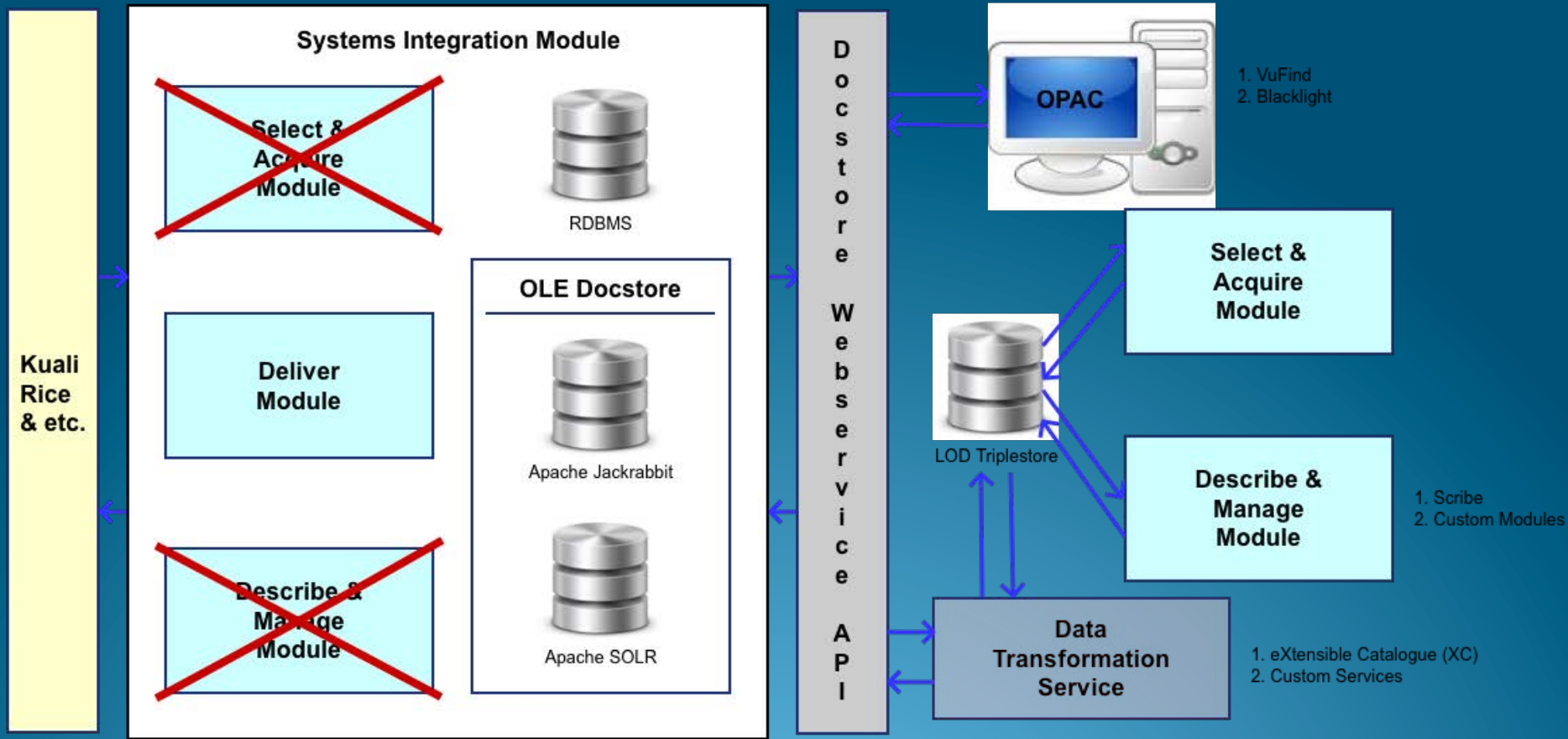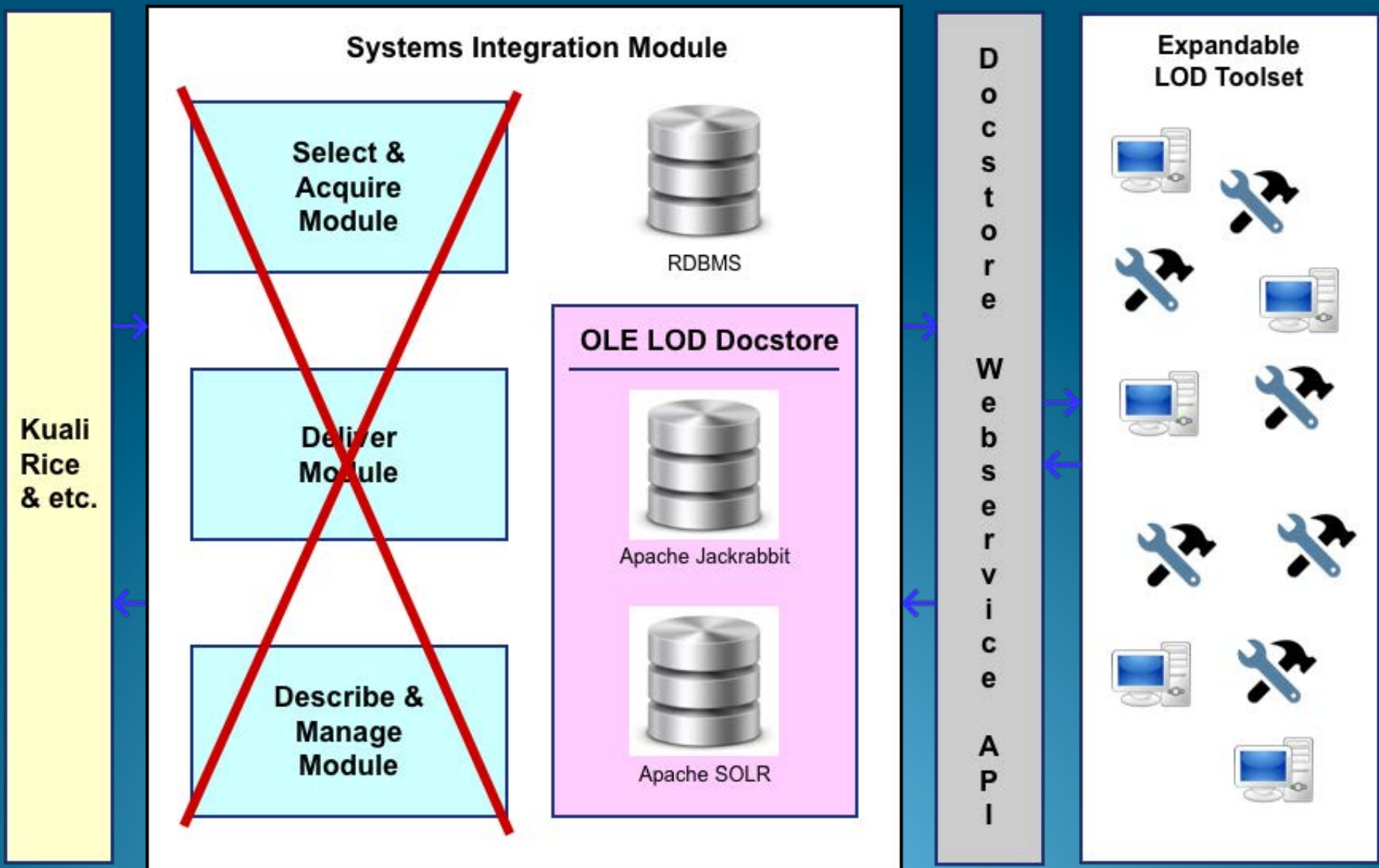
OPAC
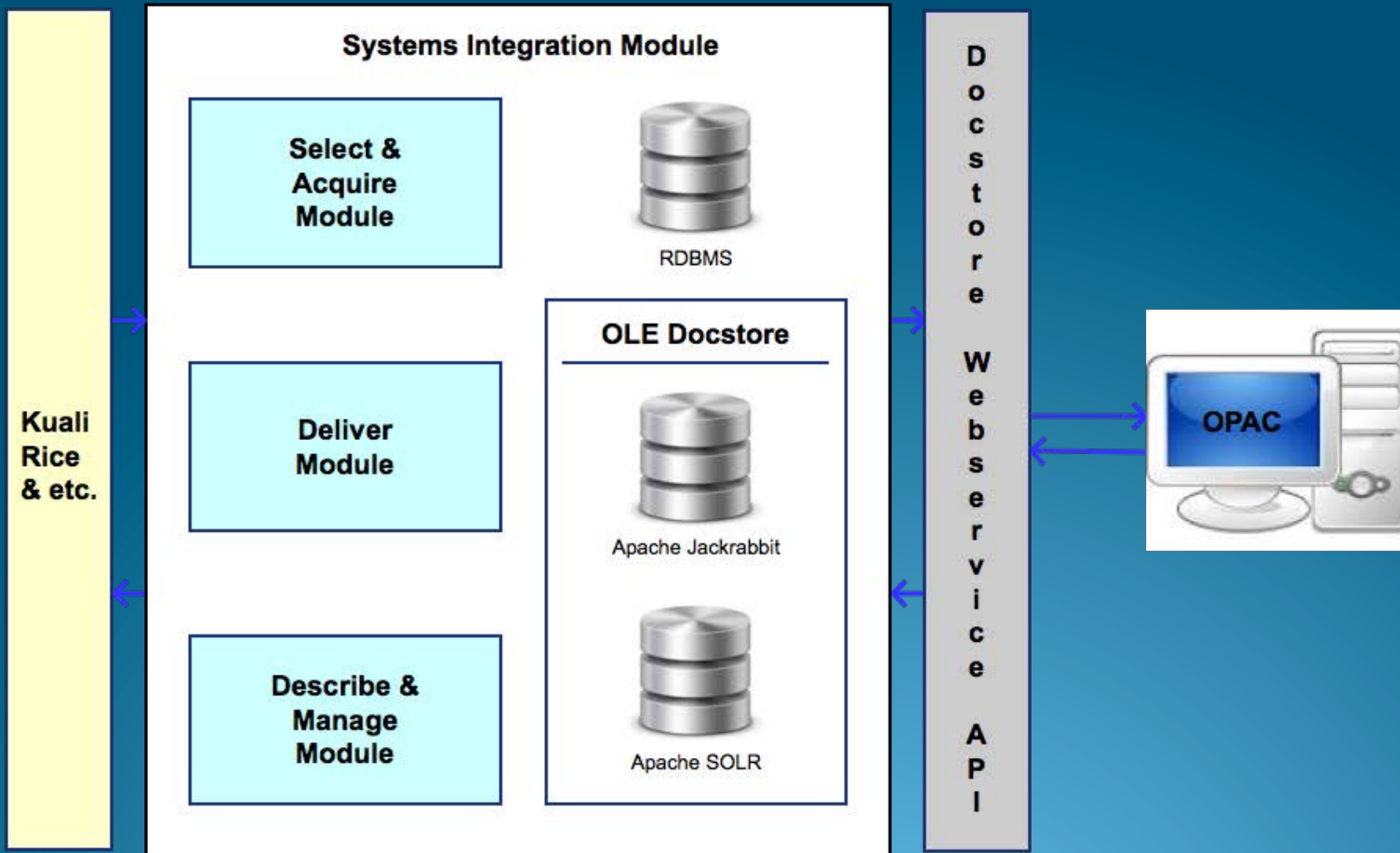
Linked Data Cataloguing

Full Bib LOD Implementation

Expanded LOD Implementation

Native LOD Implementation

Thank You!