

Getting the Pieces to Work Together

Implementing Alma Without (fully) Implementing Primo

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Outline

- History/Background
- Relationship of discovery system to back-end ILS
- Z39.50 feed
- WorldCat Local configuration



WorldCat Local + Millennium

- III Millennium ILS since early 1990's
- Approached OCLC in summer 2006 about a "research project"
- WCL Beta launched April 30, 2007
 - Discovery and fulfillment silo consolidation
 - More intuitive, *google-like* interface



Alma/Primo

June 2014

- UW migrated to Alma/Primo
- Millennium ILS frozen (view only)

September 2014

- The return of UW WorldCat
- Primo labeled as *beta*



The Summer of Our Discontent

User dissatisfaction centered around:

- Session/authentication issues
- Duplicate records (UW + Summit)
- Lack of permalinks, citation styles
- Search engine/relevancy issues
- Serials holdings displays
- Delays in eResource record loads

Alma development and other consortial considerations (including Network Zone development) was a major factor



The (Temporary) Return to WorldCat

- Serials summary holdings display
- More complete eResource coverage (through WorldCat KB)
- As Primo improves, UW will eventually replace WorldCat Local
- Even with WCL, users still interacted with Alma/Primo via library account, uresolver



Discovery system/ILS: Real-Time Availability

When systems are not integrated, there are two protocols:

- HTML scraping (*screen-scraping*)
- Z39.50 feed



RTA in WorldCat Local - Screenscraping

Annals of old Angeline : "Mika Yahoos delate klosch!"

by [Bertha Piper Venen](#); [Washington State Library. Classics in Washington History](#)

☆☆☆☆☆
(not yet rated)

Type: Book; English
Publisher: [Seattle : Denny
Editions: [View all editions](#)
OCLC: 18372655
Related Subjects: [Angeline. -- Sug](#)
Web Resources: [secstate.wa.gov](#)
Citations: [Cite this Item](#)

Author [Venen, Bertha Piper](#)

[Permanent link for this record](#)

Title **Annals of old Angeline. "Mika Yahoos delate klosch!"**

Pub Info [Seattle, Denny-Coryell Co., c1903]

[Connect to this title online](#)

LOCATION	CALL #	STATUS
SpecColl Pacific NW	979.743 V55a	AVAILABLE , LIB USE ONLY
SpecColl Pacific NW	979.743 V55a	AVAILABLE , LIB USE ONLY
SpecColl Rare Books	979.743 V55a From the collection of Robert Hitchman	AVAILABLE , LIB USE ONLY

Get this Item

This item is for library use only, b

[Request Item \(about 5 days\)](#)

Internet resources found:

Connect to this title online

<http://www.secstate.wa.gov/history/publications%5Fview.aspx?i=images/publications/SL%5Fvenenannals/directory.djvu&pub=48>

University of Washington Libraries (0 of 3 copies available)

Location	Call #	Status	Notes
SpecColl Pacific NW	979.743 V55a	AVAILABLE , LIB USE ONLY	
SpecColl Pacific NW	979.743 V55a	AVAILABLE , LIB USE ONLY	
SpecColl Rare Books	979.743 V55a From the collection of Robert Hitchman	AVAILABLE , LIB USE ONLY	

STATUS/AVAILABILITY
FROM LOCAL DISPLAY

[Summit Libraries](#)

CONSORTIA HOLDINGS

Screen-scraping

Advantage

- Close linking of WebPAC and Discovery displays means all necessary elements already in displayable form

Disadvantages

- Brittle
- Response time reliant on the Cloud
- HTML parsing requires development work



Z39.50

Advantages

- Typically faster, less brittle
- Existing communication standards (MARC, NCIP)

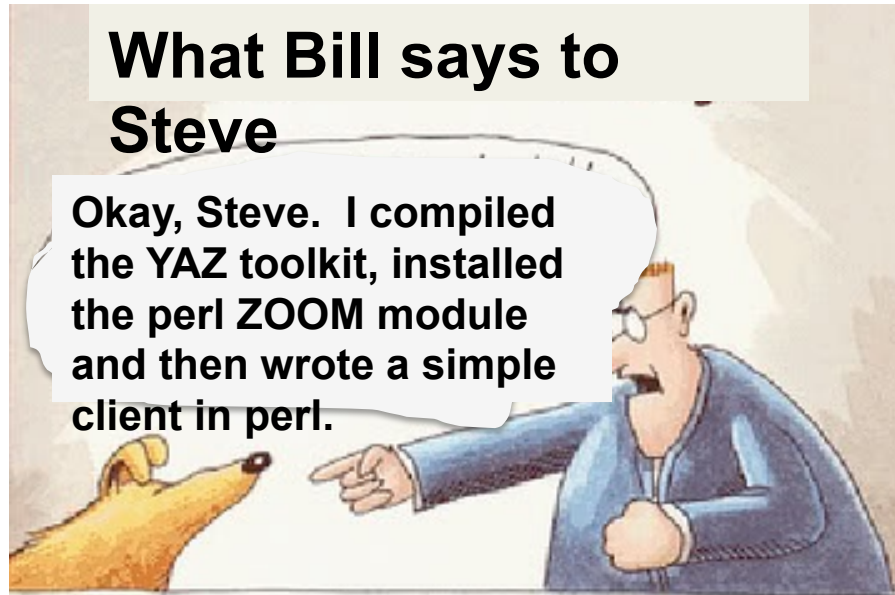
Disadvantages

- Incomplete data
- Requires display tables
- Requires analysis of Z39.50 feed



What Bill says to Steve

Okay, Steve. I compiled the YAZ toolkit, installed the perl ZOOM module and then wrote a simple client in perl.



What Steve

Okay Steve. blah blah
blah blah blah blah
blah blah blah blah
blah blah blah.



Rec: OPAC Bibliographic MARC:

0 cam 7a

1 99155644240001452

5 20140118015423.8

8 090602s2006 txua b 001 0 eng d

10 \$a2009284055

19 \$a149611038 \$a830513244

20 \$a1597180114

20 \$a9781597180115

35 \$a(OCOLC)62464715 \$z(OCOLC)149611038 \$z(OCOLC)830513244

35 \$a(OCOLC)ocm62464715

37 \$a66214 \$bTVG

40 \$aCWR \$beng \$cCWR \$dDLC \$dBDX \$dTVG \$dOCLCO \$dU9X \$dCLU \$dOCLCO \$dOCLCF

42 \$alccopycat

49 \$aMAIN

50 00\$aQA278.2 \$b.L66 2006

82 04\$a519.536 \$222

84 \$a31.73 \$2bcl

100 1 \$aLong, J. Scott.

245 10\$aRegression models for categorical dependent variables using Stata / \$cJ. Scott Long, Jeremy Freese.

250 \$a2nd ed.

260 \$aCollege Station, Tex. : \$bStataCorp LP, \$cc2006.

300 \$axxv, 527 p. : \$bill. ; \$c24 cm.

500 \$a"A Stata Press publication."

504 \$aIncludes bibliographical references (p. [509]-514) and indexes.

520 8 \$aAfter reviewing the linear regression model and introducing maximum likelihood estimation, Long extends the binary logit and probit models, presents multinomial and conditioned logit models and describes models for sample selection bias.

630 00\$aStata.

630 07\$aStata. \$2fast \$0(OCOLC)fst01375322

650 0\$aRegression analysis.

650 0\$aSocial sciences \$xStatistical methods \$xData processing.

650 12\$aRegression Analysis.

650 22\$aSocial Sciences \$xStatistical methods.

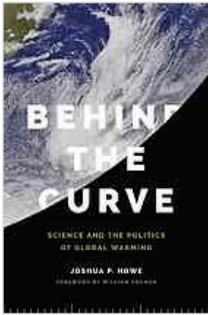
650 22\$aSoftware.

650 22\$aAutomatic Data Processing.

650 4\$aRegresyon analizi

650 4\$aSosyal bilimler \$xİstatistiksel Yöntemler

Example 1: Out on Summit Loan

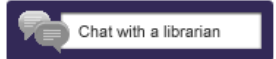


Behind the curve : science and the politics of global warming

Author: [Joshua P Howe](#)
Publisher: Seattle : University of Washington Press, [2014]
Series: [Weyerhaeuser environmental book.](#)
Edition/Format: Book : English [View all editions and formats](#)

Database: WorldCat

Summary: "In 1958, Charles David Keeling began measuring the concentration of carbon dioxide in the earth's atmosphere at the Mauna Loa Observatory in Hawaii. His project kicked off a half century of research that has expanded our knowledge of climate change. Despite more than fifty years of research, however, our global society has yet to find real solutions to the problem of global warming. Why? In Behind the Curve, Joshua [Read more...](#)



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[Atmospheric carbon dioxide.](#)
[Environmental protection.](#)

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University of Washington Libraries



Get it in the library

Request Item

0 of 1 available

Location	Status	Call number	Notes
Resource Sharing Library Summit Long Loan	ILL	QC981.8.G56 H69 2014	ILL

Rec: OPAC Bibliographic MARC:

[BLAH BLAH BLAH MARC record]

[item is out on Summit loan – key is “availability date”]

Holdings 0:

receiptAcqStatus: '2'

completeness: 'a'

callNumber: 'QC981.8.G56 H69 2014'

circulationData:

0

availabilityDate: '05/05/2014'

availableNow: False

availableThru: 'ILL'

onHold: False

renewable: False

shelvingLocation: 'Summit Long Loan'

dateOfReport: '0^^^^^'

volumes:

0

chronology: ' '

enumeration: ' '


localLocation: 'Resource Sharing Library'

encodingLevel: '^'

nucCode: '01ALLIANCE_UW'

generalRetention: '0'

University of Washington Libraries

 Get it in the library **Request Item**

0 of 1 available

Location	Status	Call number	Notes
Resource Sharing Library Summit Long Loan	ILL	QC981.8.G56 H69 2014	ILL

localLocation + shelvingLocation


availableThru



Change request

- Status: Show "Due: [availabilityDate]"
- Notes: leave blank

University of Washington Libraries

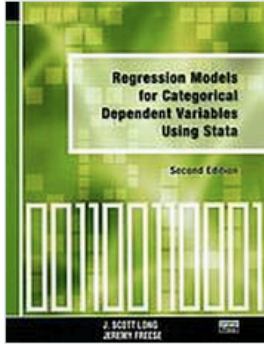
 Get it in the library **Request Item**

0 of 1 available

Location	Status	Call number	Notes
Resource Sharing Library Summit Long Loan	Due: 05/05/2014	QC981.8.G56 H69 2014	



Example 2: Out on ILL



Regression models for categorical dependent variables using Stata

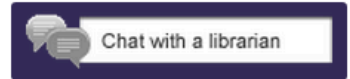
Author: [J Scott Long](#); [Jeremy Freese](#)

Publisher: College Station, Tex. : StataCorp LP, ©2006.

Edition/Format: Book : English : 2nd ed [View all editions and formats](#)

Database: WorldCat

Summary: After reviewing the linear regression model and introducing maximum likelihood estimation, Long extends the binary logit and probit models, presents multinomial and conditioned logit models and describes models for sample selection bias.



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Subjects

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[Stata.](#)

[Social sciences -- Statistical methods -- Data processing.](#)

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Get it in the library

Request Item

[1 of 2 available](#)

Location	Status	Call number	Notes
Health Sciences Library Books	Available	QA278.2 .L66 2006	
UW Tacoma Library Stacks	WORK_ORDER_DEPARTMENT	QA278.2 .L66 2006	WORK_ORDER_DEPARTMENT

Holdings 1:

shelvingLocation: 'Stacks'

circulationData:

0

availableNow: False

onHold: False

renewable: False

availableThru: 'WORK_ORDER_DEPARTMENT'

callNumber: 'QA278.2 .L66 2006'

volumes:

0

chronology: ' '


enumeration: ' '

localLocation: 'UW Tacoma Library'


encodingLevel: '3'

nucCode: 'WaU'

University of Washington Libraries

 Get it in the library **Request Item**

1 of 2 available

Location	Status	Call number	Notes
Health Sciences Library Books	 Available	QA278.2 .L66 2006	
UW Tacoma Library Stacks	WORK_ORDER_DEPARTMENT	QA278.2 .L66 2006	WORK_ORDER_DEPARTMENT

localLocation + shelvingLocation


availableThru




Change request

- Status: “Checked out to another library”
 - No “Availability Date”, so can’t say when it’s due
- Notes: leave blank

University of Washington Libraries

 Get it in the library **Request Item**

[1 of 2 available](#)

Location	Status	Call number	Notes
Health Sciences Library Books	 Available	QA278.2 .L66 2006	
UW Tacoma Library Stacks	Checked out to another library	QA278.2 .L66 2006	

WCL service re-configuration

- ILS-based configurations needed to be changed
 - Different ILS with different behavior
 - Status (LUO, in process, reserve, available, requestable, etc.)
 - III: status screenscraped from display
 - Alma: had to enter ~100 discrete location display names
- Some work to be done in KB
 - Largely untouched since June
- Decisions about basic functionality had been made through the years
 - Devil is in the details



Challenges/Lessons Learned

- Learning a brand new system while troubleshooting it *and* another system is incredibly resource intensive
 - Needed to expand number of staff who can provide in-depth e-resource support
- Communicate to and document issues for public services staff
 - Front-line staff really stepped up to provide excellent first tier troubleshooting and help for our users





Thank you!

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