

Me & the WorldCat Metadata API

OCLC Cataloging Community Meeting
June 17, 2020



KELLEY MCGRATH
METADATA MANAGEMENT LIBRARIAN
UNIVERSITY OF OREGON



What is an API?



Application programming interface

- ▶ Way for two different pieces of software to communicate
- ▶ Can send requests for information or actions and receive responses
- ▶ Machine-to-machine communication

[MuleSoft video: https://www.youtube.com/watch?v=s7wmiS2mSXY](https://www.youtube.com/watch?v=s7wmiS2mSXY)

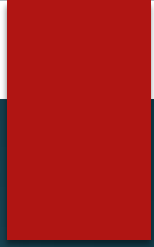
WorldCat Metadata API

Read-write service for WorldCat that makes it possible to

- ▶ Add or update master bibliographic records in WorldCat
- ▶ Maintain holdings information
- ▶ Work with local bibliographic data

OCLC API documentation: <https://developer.api.oclc.org/>

<https://www.oclc.org/developer/develop/web-services/worldcat-metadata-api.en.html>



MarcEdit Preferences: OCLC API Integration Settings

Main Window
MarcEditor
MARCEngine
Ease of Use
File Associations
Language
Locations
Other
Updates
Configure Watcher
ILS Integration
OCLC API Integration

OCLC API Key Settings

[Request an OCLC Key](#)

OCLC WSKey:
(scopes: *wcapi, configPlatform, WorldCatMetadataAPI*)

Secret Key (Paired with WSKey API Key)

Classification Schema: Show Text
Library Of Congress

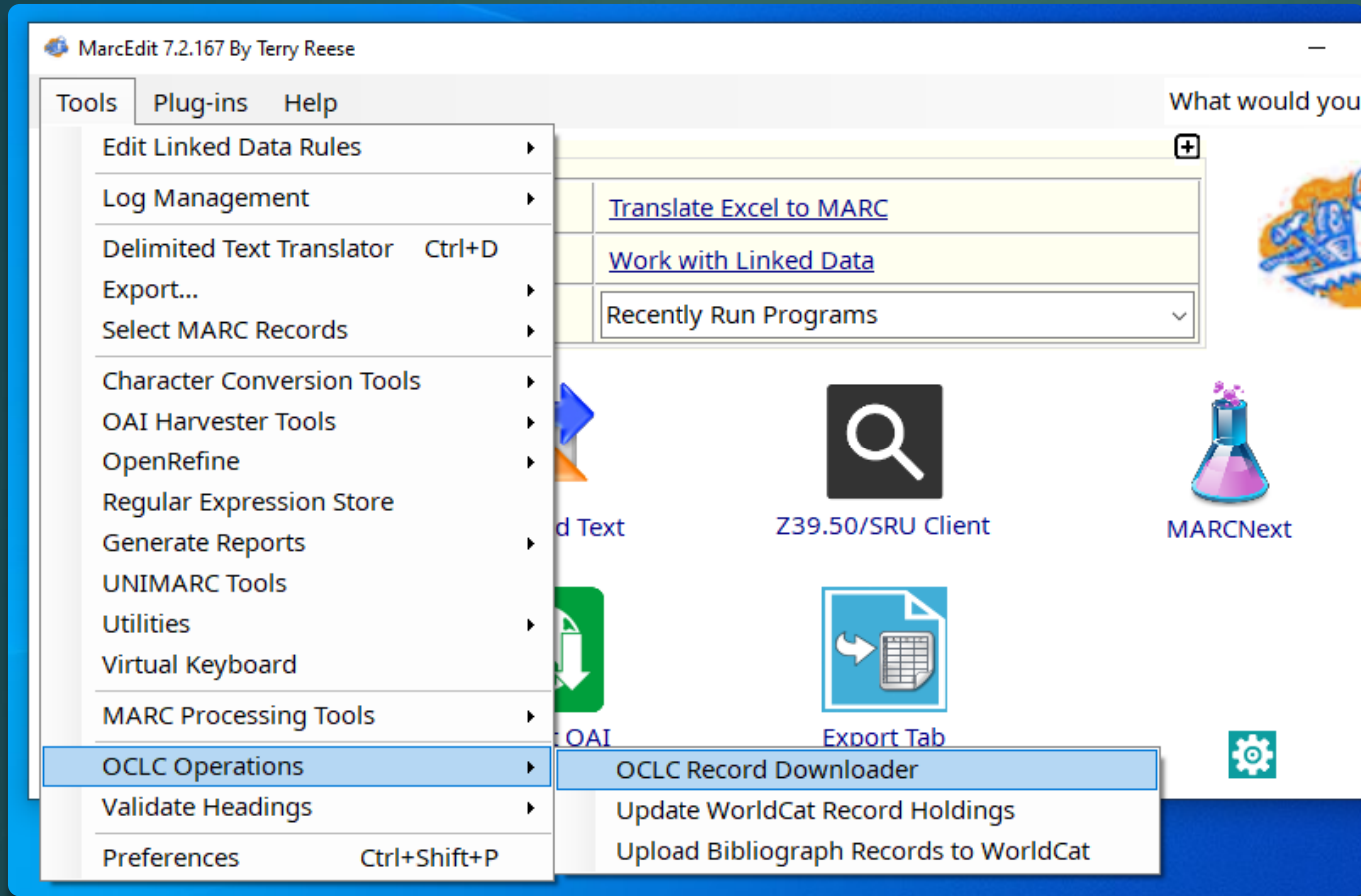
Institution Code:
ORU

Affiliate Institution Code: Enable

Holding Code:

Profiles:
default
[Add](#) [Delete](#)

MarcEdit Set-up




Using the WorldCat Metadata API with MarcEdit

Create New Records

Brief collection-level records for archival collections based on output from ArchivesSpace

[Add to list](#) [Add tags](#) [Write a review](#) Rate this item: ☆☆☆☆☆




[Preview this item](#)

John Wagner collection of Paul Ollswang comics, circa 1977-1997

Get a Copy
[Find a copy in](#)

Author: [Paul Ollswang; Archives West.](#)

Edition/Format:  Archival material : English

Summary: UNARRANGED COLLECTION. UNAVAILABLE FOR USE. For more information, please submit a Notice of Interest in Unprocessed Collections.
The John Wagner collection of Paul Ollswang comics includes original comics, art works, and publications by Paul Ollswang. Included in the collection are many original pieces of "The Song of Tom O'Bedlam" and "Dreams of a Dog."

Rating: ☆☆☆☆☆ (not yet rated) [0 with reviews - Be the first.](#)

Subjects: [Anarchists -- Oregon.](#)
[Anarchists.](#)
[Oregon.](#)

More like this: [Similar Items](#)

UO Catalog & WorldCat Master Records

- ▶ Member of Orbis Cascade Alliance
- ▶ Ex Libris Alma with consortial network zone
- ▶ Network zone populated with WorldCat master records
- ▶ Receive daily updates from WorldCat

All Titles (1 - 20 of 243,306) | oregon

[Institution](#) [Network](#) [Community](#)

Sort by : Rank ▾ Secondary Sort by : Rank ▾

1 [Oregon / by Rand, McNally & Co.](#)

Map {Map - Physical} cartographic image; unmediated; sheet By Rand McNally and Company, ([Chicago] : Rand McNally & Co., [1898].)

Subject: Railroads--Oregon--Maps. Railroads--Washington (State)--Maps. Counties--Oregon--Maps. and others

Creation Date: 07/19/2019 02:09:53 PM
Modification Date: 09/05/2019 04:38:29 PM

Record number: (OCoLC)1109736834 ▾

Language: English
MMS ID: 99328519144101451

Electronic Digital **Held by (1)** Other details

[Western Washington University](#)

2 [Oregon / issued by Oregon Tourist & Information Bureau.](#)

Map {Map - Physical} cartographic image; unmediated; sheet By Oregon. State Highway

Record number: (OCoLC)ocn300282184 ▾

Correcting Errors

HistoryMakers

- ▶ African-American video oral history collection
- ▶ WorldCat records lacked “o” in form fixed field

Refine my results 0 selected **PAGE 1** 3,185 Results


Sort by Relevance ▼


Availability ▲


- Available at UO (2)
- Peer-reviewed Journals (63)
- UO eResources (3,141)

Resource Type ▲

- eAudio & eVideo (2,930)
- Newspaper Articles (134)

1  EVIDEO
The HistoryMakers.
Chicago, IL : The HistoryMakers; 2009-
[Online access >](#)

2  EVIDEO
The HistoryMakers video oral history with Alma Dodd.
Chicago, Illinois : The HistoryMakers; 2016

3  EVIDEO
The HistoryMakers video oral history with Preston Jackson.
Chicago, Illinois : The HistoryMakers; 2016

Correcting Errors 2

HistoryMakers

010		nr 00005647
040		NIC #b eng #e rda #c NIC #d OrU
100	1	Crowe, Larry F.
372		Oral history #a Interviewing in journalism #2 lcsh
373		HistoryMakers (Video oral history collection) #2 naf
374		Independent filmmakers #a Historians #2 lcsh
375		Males #2 lcdgt
377		eng
378		#q Larry Franklin
400	1	Crowe, Larry Franklin
670		Reflections on the life of Dr. John Henrik Clarke, c1998: #b title page (Larry F. Crowe)
670		HistoryMakers WWW site, viewed on April 21, 2020 #b People webpage (Crowe has been steeped in African American arts and culture, and the humanities for over 30 years. With an undergraduate degree in history from Wright State University, he has held a variety of positions including theater manager; assistant editor for Third World Press, the largest black publisher in the United States; and manager of an African American bookstore. In his current position, he interviews HistoryMakers and completes research. As of July 2009, Crowe has conducted around 900 interviews for the HistoryMakers' project.)

The HistoryMakers video oral history with Carla Hayden.

Author: [Carla Diane Hayden](#); [Larry F. Crowe](#); [Scott Stearns](#); [HistoryMakers \(Video oral history collection\)](#).

Publisher: Chicago, Illinois : The HistoryMakers, [2016]

Edition/Format:  eVideo : Clipart/images/graphics : English

Summary: Librarian Carla Hayden was born on August 10, 1952. She received her B.A. degree from Roosevelt University and worked as a library assistant in the Chicago Public Library in 1973. She later received her M.A. and Ph.D. degrees from the University of Chicago's Graduate Library School and worked as library service coordinator for the Museum of Science and Industry in Chicago. She was chief librarian for the Chicago [Read more...](#)

Rating:  (not yet rated)  0 with reviews - [Be the first.](#)

Subjects: [Hayden, Carla Diane, -- 1952- -- Interviews.](#)
[African Americans -- Interviews.](#)
[Hayden, Carla Diane, -- 1952-](#)
[View all subjects](#)

Larry Crowe (n85813609) →
Larry F. Crowe (nr00005647)

Caveats about Headings

★ 700 1 [Waters, Daryl](#) †e interviewee.
700 1 [Crowe, Larry F.](#)
700 1 [Stearns, Scott](#) †e director of photography.

=700 1\$aWaters, Daryl,\$einterviewee.
★ =700 1\$aCrowe, Larry F.,\$einterviewer.
=700 1\$aStearns, Scott,\$edirector of photography.

Record Number	OCLC Number	Response Message
1	on1003150926	Control fields have been added to the record.

★ 700 1 [Waters, Daryl](#) †e interviewee.
★ 700 1 [Crowe, Larry F.](#) †e interviewer.
700 1 [Stearns, Scott](#) †e director of photography.
★ 700 1 [Crowe, Larry F.](#)

of Performers (Music) ^

- ensemble(s) (1,304)
- 1 performer (1,027)
- 2 performers (331)
- 3 performers (107)
- 4 performers (99)

[Show More](#)

Instrument or Voice ^

- piano (1,728)
- orchestra (1,342)
- violin (491)
- piano (solo) (378)
- cello (249)

[Show More](#)

Complete Instrumentation ^

- piano (1) (981)
- orchestra (1) (887)
- piano (1); orchestra (1) (364)
- violin (1); piano (1) (189)
- violin (1); orchestra (1) (78)

[Show More](#)

Composer v

Performer v

Enhancing Records

Add to music records

- ▶ Medium of performance (382)
- ▶ LCGFT genre (655)

Enhancing Records 2

Symphonies

Title	Symphonie no. 9, d Moll
Author	Ludwig van Beethoven , 1770-1827, composer. >
Contributor	Beethoven
Contents	Beethoven, Ludwig van, 1770-1827. Symphonies, no. 9, op. 125, D minor >
Subjects	Symphonies -- Scores >
Additional subjects	Symphonies -- Scores
Genre/Form	Symphonies >
Edition	[Neu revidierte Ausg.].
Publisher	Leipzig : C.F. Peters
Publication Date	19--
Format	1 score (277 pages) ; 31 cm
Instrumentation	1 ensemble: orchestra (1)
Description	Cover title. Publisher's no.: Edition Peters no. 1020i.
OCLC Number	08159013

Select and Download Records

Bulk Download Records from OCLC

Source File of OCLC Numbers:
C:\Users\kelleym\Desktop\oclcNumbers.txt

Search By: OCLC Number

Limit by Holdings Symbol ORU

Save File:
C:\Users\kelleym\Desktop\downloaded_OCLC_records.mrc

Profiles:
default

Downloading Record #12

Download Close

Results

Download is complete. A total of 155 records have been downloaded and saved to C:\Users\kelleym\Desktop\downloaded_OCLC_records.mrc

The following OCLC numbers failed to download:

|
48926924
27689992

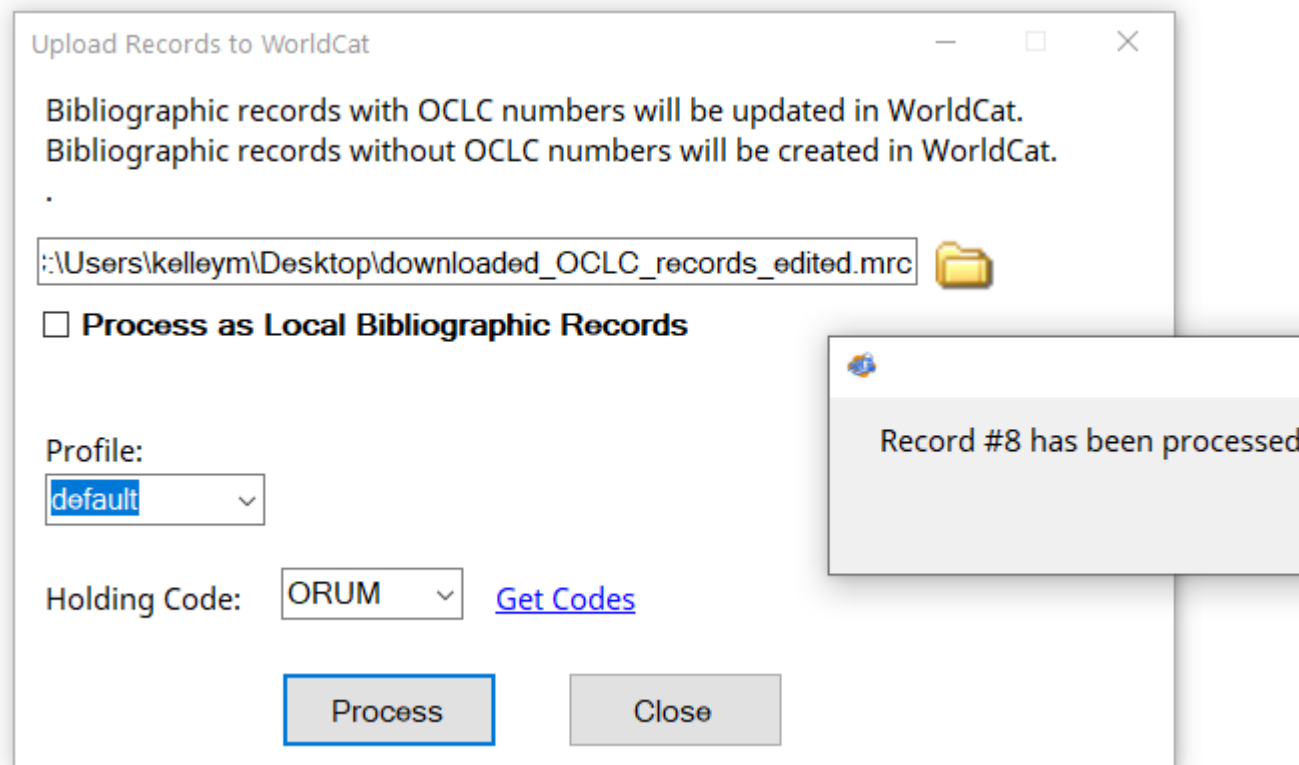
Word Wrap

Close



Assess and Edit Records


Upload Edited Records



Upload Records to WorldCat

Bibliographic records with OCLC numbers will be updated in WorldCat.
Bibliographic records without OCLC numbers will be created in WorldCat.


.

::\Users\kelleym\Desktop\downloaded_OCLC_records_edited.mrc 

Process as Local Bibliographic Records

Profile:

Holding Code: [Get Codes](#)

 Record #8 has been processed.

Review Report

Results
- □ ×

Record Number	OCLC Number	Response Message
1	ocm00368085	http://worldcat.org/oclc/368085
2	ocm37281101	http://worldcat.org/oclc/37281101
3	ocm78261519	http://worldcat.org/oclc/78261519
4	ocm09353295	http://worldcat.org/oclc/9353295
5	ocm67405300	http://worldcat.org/oclc/67405300
6	ocm04925406	http://worldcat.org/oclc/4925406
7	ocm26595067	http://worldcat.org/oclc/26595067
8	ocm19052202	http://worldcat.org/oclc/19052202
9	ocm41973371	http://worldcat.org/oclc/41973371
10	ocm03584435	http://worldcat.org/oclc/3584435
11	ocm25436035	http://worldcat.org/oclc/25436035
12	ocm45659301	http://worldcat.org/oclc/45659301
13	ocm01428357	http://worldcat.org/oclc/1428357
14	ocm42233199	http://worldcat.org/oclc/42233199
15	ocm05047726	http://worldcat.org/oclc/5047726
16	ocm07376463	http://worldcat.org/oclc/7376463
17	ocm11569156	http://worldcat.org/oclc/11569156

Word Wrap

Close

	A	B	C	D	E
	Record				
1	Number	OCLC Number	Response Message		
2	87	ocm19799047	CAT-OTHER: Replace date time not equal	Request record date time: '20180915022611.7'	Persisted record date time: '20200607131736.6'
3	125	on1040262643	http://worldcat.org/oclc/1040262643		
4	129	on1041938358	http://worldcat.org/oclc/1041938358		

The End

