



WorldCat Registry

Roy Tennant

Senior Program Officer, OCLC Research

- **Overview of WorldCat Registry**
- **Discovery to Delivery and the Registry**
- **Registry Web Services**
- **Description of OpenURL Gateway**
- **OpenURL Gateway Services**

WorldCat Registry



- A global directory of libraries, their locations, contacts, and the services they provide (100k+ records)
- Free for all libraries to maintain and share with partners
- Pre-populated with data we already have, augmented by libraries and partners
- Open to all
- Centralized data essential for delivering content and services more efficiently on the Web

The screenshot shows the WorldCat Registry homepage. At the top, there is a navigation bar with links for 'Registry Home', 'About', 'FAQ', 'Get E-mail Updates', and 'Feedback'. Below this is a main banner with the text 'A free service for all libraries and consortia'. The banner features a background image of people walking in a library. To the left of the image, it says 'One profile, one place where data about your institution and its services can be maintained, easily referenced, and syndicated across the Web'. To the right, there are three numbered steps: 1. 'Build it FREE' (Load up your profile with information), 2. 'Share it FREE' (Give access to vendors, consortium partners, funding bodies and others), and 3. 'Update it FREE' (Keep your profile current so workflows you've streamlined keep flowing). Below the banner, there are two columns. The left column is titled 'First time here? Get started!' and includes a search box with a 'Search' button and a link to 'Advanced search'. The right column is titled 'Already have a Registry profile for your institution?' and includes links for 'Sign In' and 'Create a User Account'. At the bottom, there are two sections: 'For consortium managers' and 'For content and service vendors', each with a brief description and a 'Learn more' link.

www.worldcat.org/registry/institutions

WorldCat.org Discovery to OPAC fulfillment

- **Registry contains links to library OPACs**

WorldCat Navigator and WorldCat Local

- **Stores internal configuration information**
- **Self configuration settings**

'Deep' Links in the Registry

The screenshot shows the WorldCat website interface. At the top, the WorldCat logo is on the left, and navigation links for Home, Search, and account options (Sign in or create a free account) are on the right. A search bar is present with a 'Search' button and a link to 'Advanced Search'. Below the search bar, the title 'The miraculous journey of Edward Tulane' is displayed, along with the author 'Kate DiCamillo' and illustrator 'Bagram Ibatoulline'. A star rating section shows '(not yet rated)'. The book's details are listed: Type: Book; English; Publisher: Cambridge, Mass. : Candlewick Press, 2006; Edition: 1st ed | 12 Editions; ISBN: 0763625892 9780763625894; OCLC: 56413423. Related subjects and citation options are also provided. A 'Libraries' tab is selected, showing a search for '07981-1825' in Whippany, NJ. The results show 'Morris County Library' with a book icon. A large blue arrow points to the book icon with the text: 'Deep linking to the local catalog is not enabled. User will need to search for this item again in local catalog.'

'Deep' Links Up Close



























Find a copy in the library

Enter your location:

Displaying libraries 1-6 out of 244 for all 9 editions

Show libraries holding [just this edition](#)

<< First < Prev 1 2 3 Next > Last >>

Library	Held formats	Distance	
1.  British Library Wetherby, W Yorkshire, LS23 7BQ United Kingdom	 Book	77 miles <input type="button" value="MAP IT"/>	 Library info  Add to favorites
2.  University of Wales, Swansea Swansea, SA2 8PP United Kingdom	 Book	132 miles <input type="button" value="MAP IT"/>	 Library info  Add to favorites
3.  Cambridge University Cambridge, CB3 9DR United Kingdom	 Book	154 miles <input type="button" value="MAP IT"/>	 Library info  Search at this library  Add to favorites
4.  British Library Reference Collections London, NW1 2DB United Kingdom	 Book	177 miles <input type="button" value="MAP IT"/>	 Library info  Add to favorites
5.  National University of Ireland, Galway Galway, Ireland	 Book	<input type="button" value="MAP IT"/>	 Library info  Add to favorites
6.  Haagse Hogeschool Den Haag, 2521 EN Netherlands	 Book	320 miles <input type="button" value="MAP IT"/>	 Library info  Ask a librarian  Add to favorites

<< First < Prev 1 2 3 Next > Last >>

'Deep' Links Page - are your links here?

Suggest Links [Clear Suggested](#)

Library System Used:

Base URL:

Online Catalog Direct to ISBN: [test](#)

Online Catalog Direct to ISSN: [test](#)

e-Serial ISSN Search: [test](#)

Online Catalog direct to OCLC Number: [test](#)

Add Leading Zeroes to the OCLC search Term: Yes

OCLC Number Prefix:

- Do not add prefix to the OCLC Number
- Add ocn/ocm prefix to the OCLC Number
- Add the following custom prefix to all OCLC Numbers

Custom Prefix:

Save Changes [Cancel Changes](#)

LIVERPOOL JOHN MOORES UNIVERSITY

[Profile Summary](#)

[Download this Profile as XML](#)

[Name and Location](#)

[Identifiers](#)

Relationships:

[Branches](#)

[Affiliations](#)

Services:

[IP Addresses](#)

[Online Catalog](#)

[OpenURL Resolvers](#)

[Virtual Reference](#)

[Administrative Information](#)

[Contacts](#)

[Global Policies](#)

Last updated on 2009-10-20

Online Catalog

Do you have a Web-accessible catalog? Here you can list information about its vendor and the various URL syntaxes used to access records.

[Edit this page](#)

Last Updated: 2009-02-20

Online Catalog

Library System Used: Ex Libris - Aleph

Base URL: <http://aleph1.jmu.ac.uk/>

Online Catalog Direct to ISBN: http://aleph1.jmu.ac.uk/F/?func=find-b&find_c_ode=ISBN&request=

Online Catalog Direct to ISSN: http://aleph1.jmu.ac.uk/F/?func=find-b&find_c_ode=ISSN&request=

e-Serial ISSN Search:

Online Catalog direct to OCLC Number:

- Search Service sample URL

```
http://www.worldcat.org/webservices/registry/search/Institutions?version=1.1&operation=searchRetrieve&recordSchema=info%3Arfa%2FrfaRegistry%2FschemaInfos%2FadminData&maximumRecords=10&startRecord=1&resultSetTTL=300&recordPacking=xml&query=local.city+%3D+%22Liverpool%22+and+local.country+exact+%22GB%22+not+local.logicalDelete%3D%221%22&x-info-6-deletedRecord=
```

Documentation

www.worldcat.org/affiliate/tools?atype=regsearch

- **Return Detail Service sample URL**

`http://www.worldcat.org/webservices/registry/content/
Institutions/74346`

- **Returns ‘public’ schema of institution 74346**
- **Product-specific information not currently returned**
- **Documentation:**
`www.oclc.org/developer/documentation/worldcat-registry/using-api`

Registry Services - return details - partial



```
- <institution xsi:schemaLocation="info:rfa/rfaRegistry/xmlSchemas/institution http://worldcat.org/registry/xsd/collections/Institutions/institution.xsd">
  <identifier>info:rfa/oclc/Institutions/74346</identifier>
  <versionID>2009-10-20T14:08:38.674Z</versionID>
- <nameLocation xsi:schemaLocation="info:rfa/rfaRegistry/xmlSchemas/institutions/nameLocation http://worldcat.org/registry/xsd/collections/Institutions/nameLocation.xsd">
  <lastUpdated>2009-09-15</lastUpdated>
  <institutionName auth="private">LIVERPOOL JOHN MOORES UNIVERSITY</institutionName>
  <institutionAlias auth="private"/>
  <libTypeUser>2</libTypeUser>
- <otherNameAddress>
  <phone auth="private">(0151) 231 2121</phone>
  <fax auth="private"/>
  <email auth="private"/>
  <webSiteUrl auth="private">http://www.ljmu.ac.uk/</webSiteUrl>
  <infoSiteUrl auth="private"/>
  <libraryCardUrl/>
  <wifi/>
  <sourceDataUrlText/>
  <sourceDataUrl auth="private"/>
</otherNameAddress>
- <mainAddress>
  <street1>AVRIL ROBERTS LRC</street1>
  <street2>79 TITHEBARN ST</street2>
  <city>LIVERPOOL</city>
  <state auth="private"/>
  <country>GB</country>
  <postalCd>L2 2ER</postalCd>
  <latitude auth="private"/>
  <longitude auth="private"/>
</mainAddress>
```

Any referrer can send an OpenURL to the gateway.

If there is an OpenURL resolver registry entry with an IP address that matches the user's IP address, the user's browser will be redirected to that resolver.

Register your resolvers in the WorldCat Registry

Create a new WorldCat Registry profile

Profile Summary / OpenURL Resolvers

Brown University

Brown University Library

[Help](#)

Profile Summary

[Download this Profile as XML](#)

Name and Location

Identifiers

Relationships:

[Branches](#)

[Affiliations](#)

Services:

[IP Addresses](#)

[Online Catalog](#)

[OpenURL Resolvers](#)

[Virtual Reference](#)

Administrative Information

Contacts

Global Policies

[ILS Support](#)

[Installed Products](#)

OpenURL Resolvers

Does Brown University have "link resolver" servers that deliver appropriate electronic resources to a Web user? List them here.

[Add OpenURL Resolver](#)

OpenURL Resolvers	
http://sfx.brown.edu:8888/sfx_local 128.148.*.*; 138.16.*.* Find it at Brown	Edit Remove
https://illiad.brown.edu/illiad/illiad.dll/Op_enURL 128.148.*.*; 138.16.*.* Request through Interlibrary Loan	Edit Remove
https://illiad.brown.edu/illiad/logon.html 128.148.*.*; 138.16.*.* Check for Electronic Resources	Edit Remove

Where to register your resolvers



Library users and other individuals who wish to associate their personal IP addresses with one or more OpenURL resolvers can create that association in the OpenURL Resolver for Individuals at

<http://worldcatlibraries.org/registry>.

Find resolver by IP address supplied on URL:

<http://www.worldcat.org/registry/lookup?IP=132.174.1.1>

Find resolver by source IP address:

<http://www.worldcat.org/registry/lookup?IP=requestor>

Returned Information - (partial)



<http://www.worldcat.org/registry/lookup?IP=132.174.1.1>

```
- <records xsi:schemaLocation="http://worldcatlibraries.org/registry http://www.worldcat.org/registry/resolver/ResolverRecords.xsd">
  - <resolverRegistryEntry xsi:schemaLocation="http://worldcatlibraries.org/registry/resolver http://www.worldcat.org/registry/resolver/Resolver.xsd">
    <institutionName> </institutionName>
    <InstitutionID>0</InstitutionID>
    - <resolver>
      <resolverID>1376516295</resolverID>
      <source>user input</source>
      <baseURL>testaur111</baseURL>
      <linkText>test</linkText>
    - <OpenURLVersions>
      <OpenURL_0.1/>
      <Z39.88-2004/>
    </OpenURLVersions>
    - <OpenURL_0.1_Identifiers>
      <doi/>
      <pmid/>
      <bibcode/>
      <oai/>
    </OpenURL_0.1_Identifiers>
    - <OpenURL_0.1_genres>
      <book/>
      <journal/>
      <article/>
      <conference/>
      <proceeding/>
      <bookitem/>
      <preprint/>
    </OpenURL_0.1_genres>
```