What’s included in your OCLC Cataloging and Metadata Subscription

✔ Unlimited access to
  • WorldCat bibliographic database, knowledge base and registry
  • OCLC support & training resources
  • OCLC Community Center (new)

✔ Tools and services to create/manage metadata
  • Connexion (client & browser), Z39.50, CatExpress & WorldShare Record Manager
  • WorldShare Collection Manager
  • Label printing software
  • Batchload options

✔ Development resources to create new solutions
  • WorldCat metadata, knowledge base and registry APIs
Where do WorldCat records come from?

- **75.60%** OCLC Member Libraries
- **18.70%** Other National Libraries
- **3.07%** Library of Congress
- **2.63%** Vendors/Publishers
Comprehensive and global

Some of the 482 languages represented in WorldCat:

- **English:** 142 million
- **German:** 47 million
- **French:** 34 million
- **Spanish:** 17 million
- **Chinese:** 11 million
- **Japanese:** 10 million
- **Italian:** 8 million
- **Dutch:** 6 million
- **Russian:** 5.4 million
- **Swedish:** 4.7 million
- **Polish:** 4.4 million
- **Hebrew:** 4.4 million
# WorldCat Top 20 Languages April 2016

<table>
<thead>
<tr>
<th>Rank</th>
<th>Language</th>
<th>Total Listings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English</td>
<td>142,495,621</td>
</tr>
<tr>
<td>2</td>
<td>German</td>
<td>47,705,154</td>
</tr>
<tr>
<td>3</td>
<td>Undetermined</td>
<td>36,562,324</td>
</tr>
<tr>
<td>4</td>
<td>French</td>
<td>34,344,436</td>
</tr>
<tr>
<td>5</td>
<td>Spanish</td>
<td>17,722,532</td>
</tr>
<tr>
<td>6</td>
<td>Chinese</td>
<td>11,419,036</td>
</tr>
<tr>
<td>7</td>
<td>Japanese</td>
<td>10,177,016</td>
</tr>
<tr>
<td>8</td>
<td>Italian</td>
<td>8,826,737</td>
</tr>
<tr>
<td>9</td>
<td>Dutch</td>
<td>6,337,020</td>
</tr>
<tr>
<td>10</td>
<td>Russian</td>
<td>5,481,537</td>
</tr>
<tr>
<td>11</td>
<td>No Linguistic Content</td>
<td>5,422,781</td>
</tr>
<tr>
<td>12</td>
<td>Latin</td>
<td>4,929,511</td>
</tr>
<tr>
<td>13</td>
<td>Swedish</td>
<td>4,703,983</td>
</tr>
<tr>
<td>14</td>
<td>Polish</td>
<td>4,490,138</td>
</tr>
<tr>
<td>15</td>
<td>Danish</td>
<td>3,477,628</td>
</tr>
<tr>
<td>16</td>
<td>Portuguese</td>
<td>2,730,217</td>
</tr>
<tr>
<td>17</td>
<td>Hebrew</td>
<td>2,246,217</td>
</tr>
<tr>
<td>18</td>
<td>Slovenian</td>
<td>2,155,082</td>
</tr>
<tr>
<td>19</td>
<td>Arabic</td>
<td>1,885,119</td>
</tr>
<tr>
<td>20</td>
<td>Czech</td>
<td>1,596,253</td>
</tr>
</tbody>
</table>
## Non-Latin Scripts in WorldCat

<table>
<thead>
<tr>
<th></th>
<th>June 2016</th>
<th>6 month growth</th>
<th>5 year growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arabic</td>
<td>1,449,711</td>
<td>22.79%</td>
<td>148.36%</td>
</tr>
<tr>
<td>Armenian*</td>
<td>6,574</td>
<td>16.50%</td>
<td></td>
</tr>
<tr>
<td>Bengali</td>
<td>2,653</td>
<td>10.22%</td>
<td>682.60%</td>
</tr>
<tr>
<td>CJK</td>
<td>20,435,806</td>
<td>0.28%</td>
<td>63.55%</td>
</tr>
<tr>
<td>Cyrillic</td>
<td>1,045,852</td>
<td>6.26%</td>
<td>112.48%</td>
</tr>
<tr>
<td>Devanagari</td>
<td>15,241</td>
<td>9.59%</td>
<td>436.84%</td>
</tr>
<tr>
<td>Ethiopian*</td>
<td>308</td>
<td>172.57%</td>
<td></td>
</tr>
<tr>
<td>Greek</td>
<td>126,345</td>
<td>4.59%</td>
<td>161.95%</td>
</tr>
<tr>
<td>Hebrew</td>
<td>2,258,075</td>
<td>3.74%</td>
<td>91.04%</td>
</tr>
<tr>
<td>Syriac*</td>
<td>89</td>
<td>97.78%</td>
<td></td>
</tr>
<tr>
<td>Tamil</td>
<td>67,702</td>
<td>13.55%</td>
<td>69.04%</td>
</tr>
<tr>
<td>Thai</td>
<td>998,680</td>
<td>24.99%</td>
<td>609.35%</td>
</tr>
</tbody>
</table>

*Added 2013 November
WorldCat support for Unicode

• OCLC is continuing to expand **WorldCat support for full Unicode characters and scripts** so that we can better represent international collections.

• WorldCat will expand support from 15 scripts to **all scripts** that are represented in Unicode.

• By the end of 2016, WorldCat users will have the ability to:
  – Upload records with full Unicode
  – Catalog using full Unicode
  – Search across full Unicode
Please be aware…

• While OCLC previously supported selected non-MARC-8 scripts and characters in WorldCat, **we recently removed all MARC-8 limitations in WorldCat**. This means that if you are relying on current processes to block unsupported characters, you may need to update impacted workflows.

• You have a choice to export bibliographic records in MARC-8 (the default) or in UTF-8. If non-MARC-8 scripts are exported in MARC-8 data format, the non-MARC-8 characters are saved in **Numeric Character Reference (NCR)** format.

• You may see a broader representation of your collections in discovery due to full character set support in WorldCat.
• **Automate** electronic and print collection workflows in one place

• **Improve** the quality of your catalog

• **Highlight and share** your electronic collections

http://oc.lc/getCM
MANAGE ELECTRONIC AND PRINT WORKFLOWS IN ONE PLACE!
Automate your workflows

• WorldCat updates
• Knowledge base collections
• Cataloging partners collections
• Data sync collections (coming soon)
Automate your workflows

- **WorldCat updates**
  
  Automatically receive customizable MARC record updates when something that you care about changes in a WorldCat master record to keep your catalog up to date.

- Knowledge base collection
- Cataloging partners collection
- Data sync collection (coming soon)
"The ability to retrieve records for all providers in one place makes things so much easier. I'm not going to 20 different sources to get 20 different record sets, I'm just going to one place and getting all the records."

Holly Tomren
Head of Metadata Services, Drexel University Libraries
Automate your workflows

• WorldCat updates
• Knowledge base collection
• Cataloging partners collection
• Data sync collection (coming soon)
The WorldCat knowledge base

Combines data about your library’s electronic resources to make your collections easier to find, share, manage and use.

Find
Easy access to e-resources in search results, Open URL link resolution, and A-Z journal list

Share
Quick and easy sharing of your electronic content

Manage
Manage budgeting, ordering and acquisition of electronic resources

Use
Rights management, usage statistics and link resolution of electronic materials
The WorldCat knowledge base

Plus...data can be output for use in other applications

Your discovery interface
Receive automatic delivery of WorldCat MARC records

WorldCat knowledge base API
Create your own unique solutions
Automate e-book and e-journal holdings management

Coming soon:

http://oc.lc/autoload
Cooperatively manage electronic collections

6,200+ providers

Members cooperatively create, update and review/approve global collections
Recent cooperatively-managed collections

- American Museum of Natural History Research Library
- American Physical Society Publications
- Biblical Reference Ebook Collection (Saint Charles Borromeo Seminary)
- British History Online
- Chronicling America: Historic American Newspapers
- Digitalia Hispanica (Fuller Theological Seminary)
- EBSCO PsycBooks extra
- Field Museum Custom Collection (The Field Museum of Natural History)
- International Voices in Biblical Studies (Society of Biblical Literature)
- Oxford Reference Library
- **Project Muse 2016 Jewish Studies Collection**
Automate your workflows

- WorldCat updates
- Knowledge base collection
- Cataloging partners collection
  
  Improve cataloging efficiency and get new physical items ordered through participating material providers to users without delay.

- Data sync collection (coming soon)
Over 30 partners
Automate your workflows

• WorldCat updates
• Knowledge base collection
• Cataloging partners collection
• Data sync collection (coming soon)

Synchronize your entire catalog with WorldCat to improve resource sharing and discoverability of your materials worldwide.
Batchload migration

- Batchload Services will be migrated into Collection Manager and will be renamed Data Sync collection.

- Some benefits will include:
  - The ability to ingest all UNICODE characters
  - The ability to submit larger files of bib and LHR data
  - Correction of ‘unresolved’ records in WorldCat
  - Enhanced activity reports and detailed error reports
  - More record output formats including Unicode UTF-8, MARCXML, Dublin Core and MODS
  - Additional WorldCat record output customization options

- Migration will begin in the next month or so

- For additional information about this migration please visit [http://oc.lc/datasync](http://oc.lc/datasync)
CONNECT WITH CATALOGING SUBSCRIBERS IN THE OCLC COMMUNITY CENTER
Features

• Unified access to ALL your WorldShare application discussions and updates in one place
• Improved messaging and list serve-like functionality
• Community directory & customizable member profiles
• Enhancement gathering & community feedback
• Social features (ratings, likes, badges, tags etc)
http://oc.lc/community
LINKED DATA
Technology changes, but…

Information Explosion

Catalog conversion, computer networks

Explosion of Web technologies

Description Authority Control Encoding Collaboration

## What can linked data do?

<table>
<thead>
<tr>
<th>When</th>
<th>Experiment</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2010</td>
<td>VIAF as linked data</td>
</tr>
<tr>
<td>Dec 2011</td>
<td>FAST as linked data</td>
</tr>
<tr>
<td>Apr 2014</td>
<td>WorldCat Works</td>
</tr>
<tr>
<td>May 2015</td>
<td>“Library Linked Data in the Cloud”: Jean Godby</td>
</tr>
<tr>
<td>Jul 2015</td>
<td>Linked Data Survey for Implementers results</td>
</tr>
<tr>
<td>Nov 2015</td>
<td>WorldCat Persons – Lookup pilot</td>
</tr>
<tr>
<td>Jan 2016</td>
<td>WorldCat Persons – Viewer pilot</td>
</tr>
<tr>
<td>Jul 2016</td>
<td>Linked Data Survey for Implementers results</td>
</tr>
</tbody>
</table>
What can linked data do for libraries?

• How do we repurpose our data?
• How do we expand scope of authority?
  – in context to the wider world
• How do we bring it all together?
  – authority reconciliation
Library linked data is not...

A magic bullet
A killer app
A panacea

But it is...

Contextual
Intuitive
International
...about improved models of library resources
...about improving data quality and consistency
Machine-understandable
Collaborative
Actionable
Shareable in the open Web
FUTURE OF WORLDCat DISCOVERY AND FIRSTSEARCH
FUTURE DIRECTION: Offer BOTH WorldCat Discovery AND FirstSearch

Empower all users by giving them the right tool to solve their very different needs and problems.

- Enhance WorldCat Discovery experience

- Implement FirstSearch on new technology
Questions?

Cynthia M. Whitacre
Manager, WorldCat Quality
whitacrc@oclc.org

Because what is known must be shared.