

See OpenURL Gateway/WorldCat Registry API examples in action:

www.oclc.org/registry/applicationgallery/

Additional OCLC Web Services to consider:

- WorldCat Search API
- WorldCat Basic API
- WorldCat Registry APIs
- xID Services (xISBN, xISSN, xOCLCnum)
- Terminology Services

Join the OCLC Developer Network

The **OCLC Developer Network** seeks to create a space where developers and librarians can connect. It is designed as a collaborative, two-way communication group where members directly influence what OCLC Web Services are created and enhanced.

- Join the Developer Network by joining the **WC-DEVNET-L listserv** at <https://www3.oclc.org/app/listserv/>
- Read the Developer network blog at <http://www.worldcat.org/devnet/blog/>
- Follow our tweet stream at <http://twitter.com/oclcdevnet>

OpenURL Gateway

What it is:

An OpenURL-resolving Web service that redirects Web-based applications to provide their end-users direct access to full-text articles and other online resources available from libraries. The OpenURL Gateway pulls OpenURL data from the WorldCat Registry—a global directory for libraries, consortia, archives and museums. (www.worldcat.org/registry/institutions/)

What it does:

Directs Web users to full text and other online resources at an appropriate library based on the user's IP address.

What you get:

- An improved user linking experience to article full text and other electronic resources
- Controlled access to authoritative OpenURL data maintained by libraries
- Seamless access to more than 1,000 registered OpenURL resolvers
- Link integration to OpenURL targets that are institution-independent

Who can use it:

Anyone and everyone for noncommercial use. Contact registries@oclc.org to inquire about other usage.

Usage limits: None

Query Protocols: N/A

Record Formats: N/A

Where to start: www.worldcat.org/wcpa/content/affiliate/

Get more: <http://www.oclc.org/developer/services/openurlgateway>

Why you love it:

You gain “Where Are You From?” resolver services via portable and institution-independent OpenURL links, which means users can discover authoritative library content closer to their point of need.

How to use the OpenURL Gateway, part of the WorldCat Registry



Implementation

Your Web site simply configures its OpenURL facility to utilize the OpenURL Gateway as its resolver. The Gateway recognizes the Internet IP address of an information seeker who has clicked an OpenURL link, and automatically redirects the user's request to the most appropriate institutional resolver registered in the WorldCat Registry (www.worldcat.org/registry/institutions/).

Streamlined access to full text

Your users enjoy a seamless linking experience from an information source—for instance, a search result with bibliographic data—to a related resource at their home library, such as full-text journals or abstracting, indexing, and citation databases. If they are searching from a recognized network access point, the user can be transparently authenticated and immediately presented the full text of the article. If the user's IP address cannot be associated with an OpenURL resolver via the Gateway, the user is directed to the WorldCat.org detailed Web record for the sought resource.

OCLC participated in the creation of the OpenURL standard and serves as the designated maintenance agency for the standard.

Service Highlights

- Facilitates an improved linking experience to article full text and other electronic resources maintained by libraries
- Controlled access to authoritative OpenURL data maintained by libraries in the WorldCat Registry
- Seamless access to more than 1,000 registered OpenURL resolvers
- Developers can integrate links to OpenURL targets that are institution-independent

Resources

- Institutions inside and outside the OCLC cooperative create and manage service parameters for their OpenURL resolver(s) in the WorldCat Registry. Their WorldCat Registry profile can include details about their resolver vendor, base URL, authorized IP address ranges and other supporting information. The WorldCat Registry includes details for 1,300 institutional resolvers, including more than 80% of the Academic Research Libraries.
- Individuals unaffiliated with an institution can add the IP address and base URL of their preferred resolver to OCLC's OpenURL Resolver Registry at <http://worldcatlibraries.org/registry>
- Developers who wish to integrate the OpenURL Gateway into their service can review its XML schema and associated Web services at <http://worldcatlibraries.org/registry/resolver/Resolver.xsd>.

Implementations

Sites and services that utilize the OpenURL Gateway include:

- PrimeLit (<http://primatelit.library.wisc.edu>)
- RefWorks' "RefShare" feature (<http://www.refworks.com/>) Service subscription required to view
- ERIC (<http://www.eric.ed.gov/>)
- DIMDI German Institute of Medical Documentation and Information (<http://www.dimdi.de/>)
- Zotero research management plug-in (<http://www.zotero.org/>)
- LibX plug-in (<http://www.libx.org/>)
- OpenURL Referrer plug-in (<http://www.nj.oclc.org/openurlref/>)