

Link Resolver, Usage

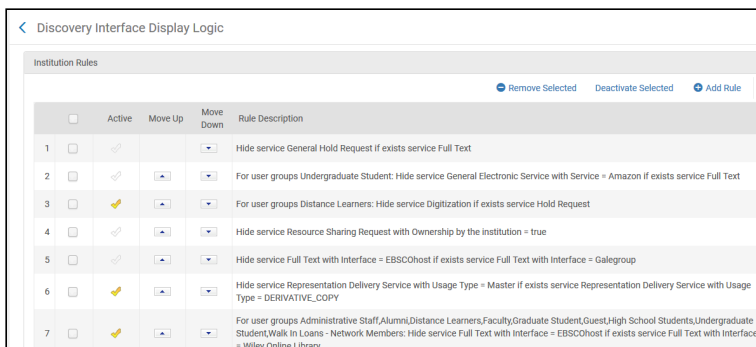
Link Resolver

What link resolver is available in Alma?

Alma includes an embedded Link Resolver which provides patrons with context-sensitive electronic, digital and print services. The embedded link resolver is a standard functionality in Alma (no additional subscription fee is required) and is based on Ex Libris' experience delivering the SFX link resolver to over 2500 institutions worldwide.

The Alma link resolver offers services via a menu that can be customized by the institution, defining the labels of the services and the order which they appear.

In addition, the institution can define display logic rules among services based on local preferences; for example, if an electronic journal is available from more than one provider, the institution can boost one provider over the other. The institution also can define logic rules among different service types, such as not offering a document delivery service if a full text service exists for the electronic resource. An example of these library configurable rules can be seen in the following screen capture:



	Active	Move Up	Move Down	Rule Description
1	<input type="checkbox"/>			Hide service General Hold Request if exists service Full Text
2	<input type="checkbox"/>			For user groups Undergraduate Student: Hide service General Electronic Service with Service = Amazon if exists service Full Text
3	<input type="checkbox"/>			For user groups Distance Learners: Hide service Digitization if exists service Hold Request
4	<input type="checkbox"/>			Hide service Resource Sharing Request with Ownership by the institution = true
5	<input type="checkbox"/>			Hide service Full Text with Interface = EBSCOhost if exists service Full Text with Interface = Galegroup
6	<input type="checkbox"/>			Hide service Representation Delivery Service with Usage Type = Master if exists service Representation Delivery Service with Usage Type = DERIVATIVE_COPY
7	<input type="checkbox"/>			For user groups Administrative Staff, Alumni, Distance Learners, Faculty, Graduate Student, Guest, High School Students, Undergraduate Student, Walk In Loans - Network Members: Hide service Full Text with Interface = EBSCOhost if exists service Full Text with Interface = Wiley Online Library

When the OpenURL resolves to multiple records, Alma will attempt to merge equivalent records into one unified list of services. When the records are deemed non-equivalent the user will be presented with a list of records based on the institution's defined display logic rules among services.

If only one resource is found, the library can configure the link resolver to link directly to the electronic resource, bypassing the electronic service page:

< Direct Linking Configuration

Enable direct linking Yes No

Enable direct linking when multiple services are available

Disable direct link when additional information is available:

Authentication note

Public Note

Disable direct linking for electronic collections

Disable direct linking for digital resources

Alma augments the OpenURL in various ways (e.g. DOI) , and from various sources such as Crossref, Pubmed and more in order to enrich the context object and provide enhanced link resolution.

CKB electronic resources can be localized to reflect institution-specific information such as administrative/access information, coverage information for electronic journal titles, public notes, etc.

Does Alma include the full functionality of SFX?

Alma includes most of SFX functionality as well as additional functionality. As it is a link resolver of a unified system it provides services not only for e-resource material, but also for print material.

Does Alma support OpenURL and context sensitive services?

The Alma link resolver offers these services via a menu that can be customized by the institution, defining the labels of the services and the order in which they appear. In addition, the institution can define display logic rules among services based on local preferences; for example, if an electronic journal is available from more than one provider, the institution can boost one provider over the other. The institution also can define logic rules among different service types, such as not offering a document delivery service if a full text service exists for the electronic resource. The institution can also configure the link resolver to link directly to the electronic resource, bypassing the electronic service page.

The linking parameters will be predefined for instance for individual journal collections and other electronic material from the CKB, but information can be edited:

The screenshot shows a configuration page with several sections:

- Parser:** Set to "Gale:OpenURL". There is a "Parser (override)" text input field.
- Parser parameters:** A text area containing the URL: `url=http://find.galegroup.com/openurl/openurl&dbase=PPOP&loc_id=$SLOC_ID&art=$$ART&url2=http://link.galegroup.com/apps/pub`
- Link Resolver Plugin:** A dropdown menu.
- URL type:** Radio buttons for "Dynamic URL" and "Parser Parameters". "Parser Parameters" is selected.
- Parser parameters (override):** A text input field.
- Service is free?:** Set to "Not Free".
- Crossref Supported:** Set to "No".
- Crossref Enabled:** Radio buttons for "No", "Yes", and "INHERIT". "INHERIT" is selected.
- Proxy enabled:** Radio buttons for "No" and "Yes". "No" is selected.
- Proxy selected:** A text input field.

Note for instance how the library can override parser information, define a proxy, etc.

Can library staff create dynamic URLs?

Instead of managing static links for local electronic collections and portfolios, staff users can create sophisticated dynamic URLs for local electronic collections and portfolios and embed OpenURL metadata information dynamically. In addition, users can utilize dynamic URLs to override linking provided by the community knowledge base.

The Electronic Service Editor and Electronic Portfolio Editor pages enable a staff user to define a list of conditions that are used to select a linking URL for the service or portfolio, respectively.

Each condition starts with an IF statement that checks for the existence of ContextObject and OpenURL parameters. If all parameters exist for a condition starting at the top of the list, the specified URL for that condition is used for linking. Otherwise, the next condition will be checked, and so forth.

The screenshot shows a configuration section for "Dynamic URL":

- URL type:** Radio buttons for "Dynamic URL" (selected) and "Parser Parameters".
- Dynamic URL:** A large text input field.
- Test dynamic URL syntax:** A button below the input field.

For example:

```
IF (rft.issn, rft.year, rft.volume)
http://www.publisher.com/{rft.issn}/{rft.year}/{rft.volume}
IF (rft.issn, rft.year)
http://www.publisher.com/{rft.issn}/{rft.year}
IF (rft.issn)
http://www.publisher.com/{rft.issn}
IF ()
http://www.publisher.com
```

Dynamic URL Condition List

If the first condition is met in the above example, the resulting dynamic URL may look something like the following:

```
http://www.publisher.com/1364-0321/2010/2
```

Select **Test dynamic URL syntax** to verify the syntax of your conditions.

Can Alma augment the OpenURL metadata content where necessary?

Alma augments the OpenURL in various ways (e.g. DOI) , and from various sources such as Crossref, Pubmed and more in order to enrich the context object and provide enhanced link resolving.

How does the link resolver manage electronic journals with no ISSN?

If the OpenURL does not contain an ISSN, Alma will attempt to match by title.

How does Alma handle cases where the OpenURL resolves to multiple records?

Alma will attempt to merge equivalent records into one unified list of services. When the records are deemed non-equivalent the user will be presented with a list of records based on the institution's defined display logic rules among services.

Does Alma provide link resolution testing functionality?

Testing of link resolution functionality of e-resources originating in the Community Zone are managed by Ex Libris. Staff are able to view a report of various changes to e-resources including linking parameter updates:

Identifier	Submit Date	Before Change	After Change
0-684-31512-2	21/1...	null	Available from 2006.
1932-4502	21/1...	Available from 2013. Most recent 1 year(s) not available.	Available from 2010. Most recent 1 year(s) not available.
0018-0750	21/1...	Available from 2009.	Available from 2009 until 2011.
1094-7450	21/1...	Available from 2006.	Available from 2000.
1053-0819	21/1...	Available from 2010. Most recent 1 year(s) not available.	Available from 2006. Most recent 1 year(s) not available.
1724-4927	21/1...	Available from 2009.	Available from 2005.

If a collection or journal is activated in Alma will the articles in Primo central for a journal title in this package also automatically be activated?

Alma supports a publishing profile to Primo Central, If this profile is activated, then Primo Central will have a full text indication for the articles of the journal that that was activated in Alma.

How does Alma respond when a link does not produce expected results or provides an incorrect full text resource?

Any error reporting or support for resolving issues related to OpenURL linking is part of Ex Libris' standard support services. Additionally, patron feedback/support requests can be integrated directly into the Primo interface:

It is also possible to report an issue related to packages and portfolios to Ex Libris directly from the Alma interface. This is achieved by clicking a “Send to Ex Libris” link from within the record itself.

Creating a proprietary service for retrieving feedback information using the general electronic service functionality in Alma is also possible.

Does Alma provide an alternative to OpenURL in the event that the OpenURL link fails?

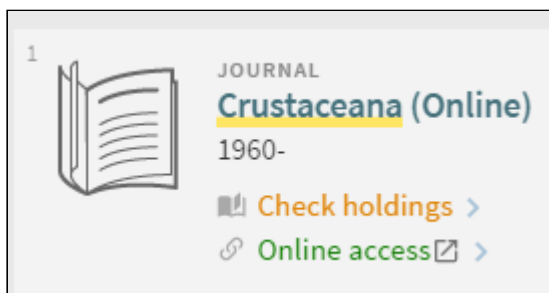
Alma link resolver is based on the OpenURL standard.

Incoming requests to the link resolver for available services are only based on OpenURL.

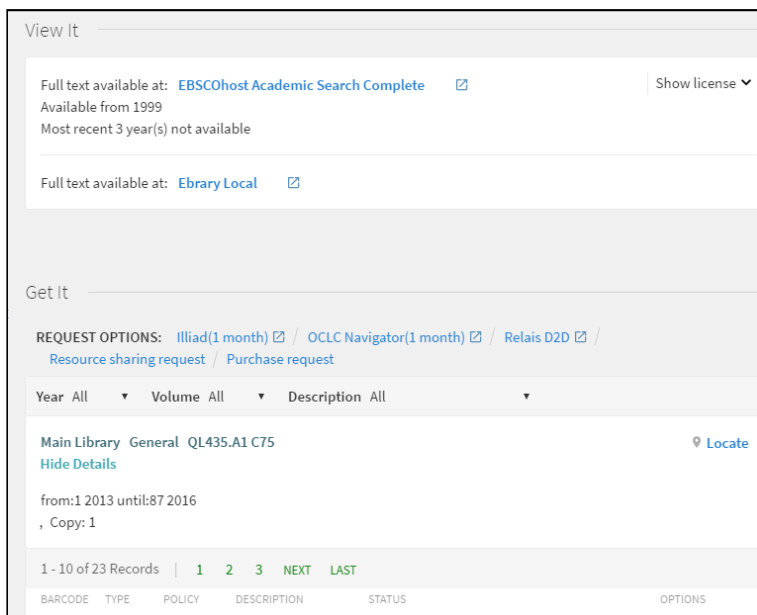
Outgoing links to providers content is based on HTTP requests that are based on the provider's link syntax, which can be OpenURL or any other HTTP syntax.

Can the link resolver offer multiple linking options - including print?

The link resolver will link to all available options. An example can be seen following (in Primo) of a record with print and electronic versions of a record. Users can check the availability for the electronic version via the View It and the print version from the Get It:



Patrons have access to the full text versions (View it):



And can view the items in the library's repository (Get It):

Get It

REQUEST OPTIONS: [Illiad\(1 month\)](#) / [OCLC Navigator\(1 month\)](#) / [Relais D2D](#) / [Resource sharing request](#) / [Purchase request](#)

Year All | Volume All | Description All

Main Library General QL435.A1 C75 [Locate](#)
[Hide Details](#)

from:1 2013 until:87 2016
 , Copy: 1

1 - 10 of 23 Records | 1 2 3 NEXT LAST

BARCODE	TYPE	POLICY	DESCRIPTION	STATUS	OPTIONS
AU37603	Issue	One Week Loan	Vol. 87 no. 9 (2014 Nov.)	Missing (0 requests)	
AU40642	Bound Issue	One Week Loan	Vol. 87 No. 5-8 (2014)	Item in place (0 requests)	Request Digitization
AU40645	Bound Issue	One Week Loan	Vol. 87 No. 1, 2, 4 (2014)	In transit until 04/19/2016 (0 requests)	Request Digitization
AU37706	Bound Issue	One Week Loan	Vol. 86 nos. 5-6	Item in place (0 requests)	Request Digitization

How does the Open URL links appear in other services, such as Google Scholar or other third party databases?

See screenshots provided for how the links display in Google Scholar and an example of how they could display in a third party database:

Web Images More... Sign in

Google climate change

Scholar About 2,600,000 results (0.04 sec) My Citations

Articles [Find it @ Alma University](#)

Case law [Global climate projections](#)
 GA Meehl, TF Stocker, WD Collins, P Friedlingstein... - Climate change. 2007 - ipcc.ch
 Meehl, GA, TF Stocker, WD Collins, P Friedlingstein, AT Gaye, JM Gregory, A Kitoh, R Knutti, JM Murphy, A Noda, SCB Paper IG Watterston, AJ Weaver and Z.-C. Zhao. 2007. Global Climate Projections. In: Climate Change 2007: The Physical Science Basis. Contribution ...
 Cited by 4919 Related articles All 3 versions Cite Save More

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Any time [\[PDF\] IPCC](#) [ersilia.org \[PDF\]](#)
 Since 2016 IPOC Change - Aspectos Regionais e Setoriais da Contribuição do ..., 2007 - ersilia.org
 Since 2015 The Intergovernmental Panel on Climate Change (IPCC) was established in the year 1988 by the World Meteorological Organisation (WMO) and the United Nations Environment Programme (UNEP). It is an intergovernmental body that is open to all member countries ...
 Since 2012
 Custom range... Cited by 1287 Related articles All 10 versions Cite Save More

Sort by relevance [Mitigation of climate change](#)
 Sort by date IC Change ... of the Intergovernmental Panel on Climate Change. 2007 - rec.org.tr
 75-80 ACEA voluntary agreement 40-55 Directive on the promotion of energy efficiency and energy services 35-40 Directive on the promotion of transport bio-fuels 35-45 Directive on energy performance of buildings 65 Directive on the promotion of CHP 100-125 Directive ...
 Cited by 375 Related articles All 3 versions Cite Save More

include patents
 include citations

[CITATION] Stern Review: The economics of climate change
 NH Stern, S Peters, V Bakshi, A Bowen... - 2006 - Cambridge University Press

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PubMed.gov PubMed PMID: 1600985 Search Help

Format Abstract - Send to -

See 1 citation:
 Eur Heart J. 1992 Apr;13(4):478-83.

Difficulties in the use of electrocardiographic criteria for the differential diagnosis of left bundle branch block pattern tachycardia in patients with a structurally normal heart.
 Griffith MJ¹, de Belder MA, Linker NJ, Ward DE, Camm AJ

@ Author information

Abstract
 In patients with left bundle branch block pattern tachycardia, electrocardiographic criteria, based on leads V1, V2 and V6, have been shown to be effective for the diagnosis of ventricular tachycardia in patients with a previous myocardial infarct. To test these criteria on a wider population, we studied 53 consecutive patients with left bundle branch block pattern tachycardia. Seventeen patients had supraventricular tachycardia and 36 had ventricular tachycardia, 18 with a previous myocardial infarction, two with cardiomyopathy, and 16 with a normal heart. The sensitivity for the diagnosis of ventricular tachycardia in patients with a previous myocardial infarction of the combined criteria was 100% but was only 50% for the other patients, which was not significantly different from the patients with supraventricular tachycardia (29%). Two other criteria, right axis shift in tachycardia and ventricular ectopics during sinus rhythm with the same morphology as the tachycardia, were only seen in patients with ventricular tachycardia, and combined with the other criteria allowed the correct identification of 35/36 patients with ventricular tachycardia. To conclude, the electrocardiographic criteria based on leads V1, V2 and V6 are not sensitive for the diagnosis of a ventricular origin of left bundle branch block pattern tachycardia in patients with a normal heart and additional criteria are required for the diagnosis in these patients.

PMID: 1600985
 [PubMed - indexed for MEDLINE]

Full text links
 FULL TEXT LINKS OXFORD JOURNALS GET IT @ VCU

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 Add to Favorites

Similar articles
 Ventricular tachycardia with QRS configuration similar to I [Europace. 2001]
 Effect of preexisting bundle branch block on the electrocardiogram [Am J Cardiol. 1988]
 Electrocardiographic criteria for ventricular tachycardia [Am J Cardiol. 1988]
 [Review] Wide QRS complex tachycardia: [G Ital Cardiol (Rome). 2009]
 [Review] Ventricular tachycardias with left bundle [Pacing Clin Electrophysiol. 1995]

Cited by 1 PubMed Central article

EZProxy

How is EZProxy managed and integrated in Alma?

Integrated into Alma's embedded link resolver is a redirection into a proxy server instead of directly to a vendor platform, to provide access to the full text of a resource.

As with all integrations between Alma and other systems, the definition of the institution's proxy server is managed in an "External System Integration Profile". This profile encapsulates all the needed definitions for the link resolution component to create a correct URL to the Proxy Server. Alma supports EZProxy, LIBProxy and WAM.

Code	PROXY
Integration Type	Resolver Proxy
General Information Actions Contact Info	
PROXY DEFINITIONS	
Proxy server type *	<input type="text" value="EZProxy"/>
Proxy url *	<input type="text" value="http://www.securityninja.co.uk/wp-content/uploads/2010"/>
Proxy ip *	<input type="text" value="192.116.1.1"/>
Use Proxy *	<input type="text" value="Selective"/>

The Alma Link Resolver responds to an incoming OpenURL and changes it to an electronic link by automatically including additional proxy information in the resolved URL. Some institutions use a single proxy server, in which case one proxy profile should be defined. If an institution uses several proxy servers, a proxy profile should be defined for each proxy server. You must then define the relevant proxy for each electronic collection, service, or portfolio.

Usage

Does Alma support usage statistics via COUNTER?

Alma facilitates the collection and reporting of usage statistics information supplied by vendors (content providers) in COUNTER 4 format.

Support for COUNTER 5 as well as SUSHI lite is on the Alma Roadmap.

Ex Libris is closely following developments in the industry regarding these protocols and will incorporate them into Alma in a timely manner as the industry develops.

Alma Analytics provides usage statistics reporting capabilities that enable the creation of reports such as usage statistics by journal, database, publisher, platform, and subscriber. The reports enable the library to drill down on data elements included in the report such as year range, titles, etc.

COUNTER statistics can be either loaded automatically or manually.

COUNTER and SUSHI

See details of reports supported under [General >Standards > Counter and Sushi](#).

How does Alma deal with non-COUNTER compliant publishers' statistics?

Alma also collects data on the usage of electronic resources via the Alma link resolver. These include OpenURL requests, services offered to the patrons, and services which the patron chooses to use. Usage of electronic resources tracked via the link resolver can also be used for reporting using Alma Analytics. This aggregated data can easily provide multi-year usage trend reports per title, publisher, and platform.

Total views:

14035