



Primo API's

Tony Gibbons

2012 February 9

Copyright Statement

All of the information and material inclusive of text, images, logos, product names is either the property of, or used with permission by Ex Libris Ltd. The information may not be distributed, modified, displayed, reproduced – in whole or in part – without the prior written permission of Ex Libris Ltd.

TRADEMARKS

Ex Libris, the Ex Libris logo, Aleph, SFX, SFXIT, MetaLib, DigiTool, Verde, Primo, Voyager, MetaSearch, MetaIndex and other Ex Libris products and services referenced herein are trademarks of Ex Libris, and may be registered in certain jurisdictions. All other product names, company names, marks and logos referenced may be trademarks of their respective owners.

DISCLAIMER

The information contained in this document is compiled from various sources and provided on an "AS IS" basis for general information purposes only without any representations, conditions or warranties whether express or implied, including any implied warranties of satisfactory quality, completeness, accuracy or fitness for a particular purpose.

Ex Libris, its subsidiaries and related corporations ("Ex Libris Group") disclaim any and all liability for all use of this information, including losses, damages, claims or expenses any person may incur as a result of the use of this information, even if advised of the possibility of such loss or damage.

© Ex Libris Ltd., 2012

API's in Primo

Open Platform in Primo

- Customers can create extensions and integrations with other systems
- Documentation
- Customer examples

Documentation: EL Commons

<http://www.exlibrisgroup.org/>



Hello Tony Gibbons ([Log Out](#))

[click here for EL Commons Wiki](#)

You are here: [EL Commons](#) > [CodeShare](#)

[My Area](#) [View](#) [Edit](#) [Aleph](#) [Voyager](#) [Primo](#) [MetaLib](#) [SFX](#) [bX](#) [Verde](#) [Rosetta](#) [DigiTool](#) [Cross Product](#) [Presentations](#) [RSS feed builder](#)

CodeShare (previously the **Developer Zone**) provides information related to Ex Libris systems and serves as a channel of communication among community members, customer developers and Ex Libris developers.

In CodeShare, you can find the following information:

- Documentation describing all the Ex Libris open interfaces (APIs, deep links, plug-ins, and adapters)
- Code extensions that customers have developed and contributed for the benefit of the community
- Presentations and other material describing ways in which customers have modified or extended Ex Libris systems

In CodeShare, you can do the following:

- Use the documentation to develop your own code extensions
- Upload code extensions that you want to share
- Download code extensions written by other community members and, if you wish, contribute your revised versions of the code
- Communicate with other members through comments and the EL Commons listserv

[EL Commons Developer Listserv](#)

[How do I subscribe?](#)

Latest New or Modified Contributions

Aleph Code Contributions

[Pay library fee and fine online](#)

Created by: [Fang Feng](#) (SUNY Stony Brook) on Jan 31, 2012

Last updated by: [Fang Feng](#) (SUNY Stony Brook) on Jan 31, 2012

Voyager Code Contributions

[Voyager 9xx tag checker](#)

Created by: [Jeremy Steelberg](#) (TEST) on Dec 19, 2011

Last updated by: [Jeremy Steelberg](#) (TEST) on Dec 21, 2011



Links to Available API's

You are here: [EL Commons](#) > [CodeShare](#) > [Primo Open Interfaces](#) > [Web Services](#)

My Area View Edit Alph Navigation Primo Metadata SEY bY Verda Beetta DigiTool Cross Product Presentation

Name	Last Author	Institution	Creation Date	Update Date	Comments	Last Comment Date
fullViewRequest	Doc Requests	None	24 Jun, 2008	10 Jun, 2011	0	
eshelfStructureRequest	Primo Development	None	26 Apr, 2010	27 Feb, 2011	0	
addFoldertoE-Shelf	Primo Development	None	07 Feb, 2011	07 Feb, 2011	0	
removeFromEshelfRequest	Primo Development	None	24 Jun, 2008	07 Feb, 2011	0	
addToEshelfRequest	Primo Development	None	24 Jun, 2008	07 Feb, 2011	0	
searchRequest	Primo Development	None	24 Jun, 2008	07 Feb, 2011	2	31 Jan, 2011
getEshelfRequest	Doc Requests	None	24 Jun, 2008	17 Jan, 2011	1	31 Jan, 2011
getTitleRequest	Primo Development	None	24 Jun, 2008	21 Nov, 2010	0	
removeTagRequest	Doc Requests	None	24 Jun, 2008	09 Jun, 2010	0	
removeReviewRequest	Doc Requests	None	24 Jun, 2008	09 Jun, 2010	0	
getTagsRequest	Doc Requests	None	24 Jun, 2008	09 Jun, 2010	0	
getTagsForRecordRequest	Doc Requests	None	24 Jun, 2008	09 Jun, 2010	0	

Example fo Contents for an API

Table of Contents

- [addToEshelfRequest](#)
 - [General Purpose](#)
 - [Interface Type](#)
 - [Table of Contents](#)
 - [Product Version Compatibility](#)
 - [WSDL](#)
 - [Input Parameters](#)
 - [Output](#)
 - [XSD](#)
 - [Implementing Your Client](#)
 - [The WebServiceTestClient](#)
 - [Example Input](#)
 - [Example Output](#)
 - [Response](#)

Customer Example #1: BYU

Brigham Young University in Utah, USA designed a custom, standalone Primo user interface that integrates to Primo completely via API's.

- Why?
 - They wanted more control of the user interface design than they could achieve through the standard mechanisms (Back Office Views Wizard, CSS, and HTML) and to manage their own release schedule

Customer Example #1: BYU

- Library website:
 - <http://lib.byu.edu>
 - Embedded search box on main page
 - Enter query and click Search button / or press <enter> key
- Search results URL:
 - <http://search.lib.byu.edu/byu/> <search term(s)>
 - <http://search.lib.byu.edu/byu/history>
 - <http://search.lib.byu.edu/byu/historic+preservation>

Customer Example #1: BYU

Combined Search | Books & More | Articles & More | Subject Guides

history

Search [Advanced Search](#)

[What gets searched?](#)

You must login to access online resources and to manage your bookmarks, but feel free to search.

Your Search

history

Sort By:

Relevance

Sorry, we can't show you all the results due to vendor licensing agreements. To see all results, [login](#) or search from on campus.

Results 1-10 of 3,119,121

1 2 3 4 5 ▶

Refine Your Search

Availability:

- Available (522,190)
- Cited articles (57,744)
- Online resources (148,213)
- Peer reviewed (1,772,737)



History

Green, Ariel Frank

Journal of general internal medicine, Nov, 2011, Vol.26(11), p.1383, 2011

[Online Resource](#)

- Login to bookmark
- Email this item
- Send to Ref/Works
- Faculty/Graduate Delivery

Customer Example #1: BYU

Refine Your Search

Availability:

- Available (522,190)
- Cited articles (57,744)
- Online resources (148,213)
- Peer reviewed (1,772,737)

Resource Type:

- Articles (1,736,203)
- Books (575,287)
- Conference proceedings (4,533)
- Dissertations (34,499)
- Images (7,266)

✦ SHOW MORE

Author/Creator:

- Ajmone-Marsan, Paolo (7)
- Alder, D (15)
- American Historical Association. Conference Group For Central European History (2)
- Beraldi, Dario (1)
- Boyko, Adam R (15)

✦ SHOW MORE

Call Number:

- B - Philosophy, Psychology, Religion (41,224)
- C - Auxiliary Sciences Of History (30,337)

1



ARTICLE

History

Green, Ariel Frank

Journal of general internal medicine, Nov, 2011, Vol.26(11), p.1383, 2011

[Online Resource](#)

- Login to bookmark
- Email this item
- Send to Ref/Works
- Faculty/Graduate Delivery

2



BOOK

History

H. Stephens (Henry Morse), 1857-1919.

Boston: Houghton, Mifflin, c1900, [25]-94 p.; 18 cm.

Available

D 16.8 .S5

Harold B. Lee Library Bookshelves

Place hold

- Login to bookmark
- Email this item
- Send to Ref/Works
- Faculty/Graduate Delivery

3



ARTICLE

History

Jung, Moon-Ho

Journal of Asian American Studies, 2010, Vol.13(3), p.390-391, 2010

[Online Resource](#)

- Login to bookmark
- Email this item
- Send to Ref/Works
- Faculty/Graduate Delivery

4



BOOK

History

Beijing, China: Foreign Languages Press, 1982, 189 p. [16] p. of plates: ill.; 19 cm.

Available

DS 735 .H578x 1982


Harold B. Lee Library Bookshelves

Place hold

- Login to bookmark
- Email this item
- Send to Ref/Works
- Faculty/Graduate Delivery

Customer Example #1: BYU

Item Details



BOOK

History

H. Stephens (Henry Morse), 1857-1919.
Boston: Houghton, Mifflin, c1900, [25]-94 p.; 18 cm.

Available

D 16.8 .S5 Place hold

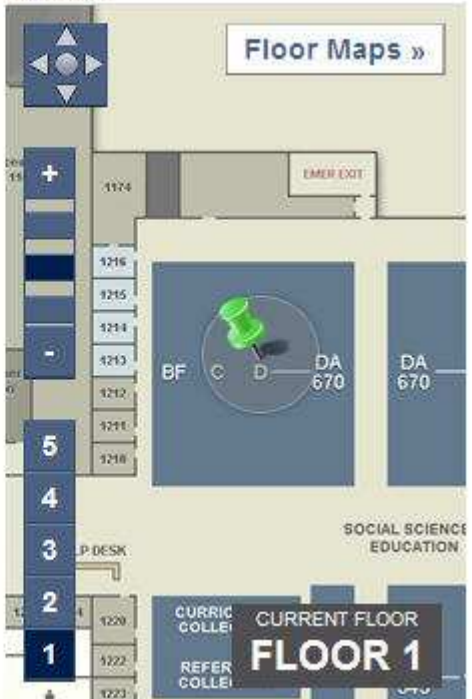
Harold B. Lee Library Bookshelves

Details

Subjects	History;
Identifier	(byu_unicorn1938348)
Language	English
Creation Date	c1900

- Login to bookmark
- Email this item
- Send to RefWorks
- Faculty/Graduate Delivery

Location



Floor Maps »

EMER EXIT

1924

1216

1215

1214

1213

1212

1211

1210

5

4

3 P. DESK

2

1

SOCIAL SCIENCE EDUCATION

CURRIC COLLE

REFER COLLE

DA 670

DA 670

CURRENT FLOOR

FLOOR 1

Customer Example #2: NWU

- **Primo – Blackboard integration**

- Push from Primo e-shelf into Blackboard content area
- Pull from Primo e-shelf into Blackboard content area

You Tube videos illustrating the process

- <http://www.youtube.com/watch?v=GnkQVvz9WW8>
- <http://www.youtube.com/watch?v=hqIjdnkUGYM>
- Note: videos show Primo version 2 UI. NWU has since upgraded to version 3.

Customer Example #2: NWU

Search Advanced Search

103,035 Results for Library resources excluding results from NU Qatar

sorted by: relevance

1-10 Next



Book

☆ Elephant.

Washington, D.C. : U.S. Dept. of the Interior, U.S. Fish & Wildlife Service 1994 [i.e., 1995]

Check holdings Main & Deering Libraries (Evanston) MAIN Government Information (Call number: I 49. 2: E1 2/ 2)

Locations Details Additional services

Title: Elephant.

Subjects: Asiatic elephant ; African elephant

Related Titles: Series: Biologue series

Publisher: Washington, D.C. : U.S. Dept. of the Interior, U.S. Fish & Wildlife Service

Creation Date: 1994 [i.e., 1995]

Format: 1 sheet..

Language: English

Send to

- Add to e-Shelf
- E-mail
- Print
- Blackboard
- EndNote
- RefWorks
- Connotea
- del.icio.us

Customer Example #3: Univ Laval

- Universite Laval, Canada
- Purchased Primo Central API which provides limited access to a Primo Back Office to
 - Activate Primo Central
 - Create a View
- Customer uses APIs to query Primo Central repository and return results to library created discovery tool
- <http://solrtest.bibl.ulaval.ca/ariane/articles/>

Customer Example #3: Univ Laval

Bibliothèque

[Accueil](#) | [À propos](#) | [Portails thématiques](#) | [Nous joindre](#)



NOUVEAU

Ariane 2.0
BÊTA
RECHERCHE D'ARTICLES

Toutes les zones



Recherche exacte

Rechercher

Ariane 2.0 Recherche d'articles est la nouvelle interface de recherche de la Bibliothèque permettant de trouver des articles dans un grand nombre de disciplines. [En savoir plus sur Ariane 2.0 Recherche d'articles](#)

Faites part de vos [commentaires](#)

Utilisez [Ariane 2.0 Recherche de livres, thèses, CD, etc.](#)

Customer Example #3: Univ Laval

<<< 1 2 3 4 5 6 7 8 9 10 > >>

Ajouter les articles de cette page à ma sélection

1.



[Modal coupling in surface-corrugated long-period-grating fiber tapers](#)

Ding, W ; Andrews, S R ; Maier, S A Optics letters , 2008 , Vol. 33 (7) , 717

[Accéder au texte](#)

2.



[Unspecific Hydrophobic Stabilization of Folding Transition States](#)

Viguera, Ana Rosa ; Vega, Cristina ; Serrano, Luis Proceedings of the National Academy of Sciences of the United States of America , 2002 , Vol. 99 (8) , 5349 -5354

[Accéder au texte](#)

3.



[Preservation](#)

Ito, T ; Iwaki, Y ; Terasaki, P I Clinical transplants , 1986 , Vol. null , 299

[Accéder au texte](#)

4.



[Alternative Surgical Approaches for Apical Neurinomas: A Thoracoscopic Approach](#)

Endo, S. ; Murayama, F. ; Otani, S.I. ; Tetsuka, K. ; Hasegawa, T. ; Sato, Y. ; Sohara, Y. The Annals of Thoracic Surgery , 2005 , Vol. 80

[Paterson, JR \(10\)](#)

[Jaqq, JB \(9\)](#)

<<< 1 2 3 > >>

Titre de la revue

[Tri A/Z](#) |

[Transplantation proceedings \(4460\)](#)

[The Annals of Thoracic Surgery \(3801\)](#)

[Nature \(479\)](#)

[Science \(302\)](#)

[Proceedings of the National Academy of Sciences of the United States of America \(248\)](#)

<<< 1 2 3 4 > >>

Date de création

[Tri A/Z](#) |

[500 \(1\)](#)

[2012 \(682\)](#)

[2011 \(26401\)](#)

[2010 \(30087\)](#)

[2009 \(30897\)](#)

<<< 1 2 3 4 > >>

Langue

[Tri A/Z](#) |

Customer Example #3: Univ Laval

1. [Modal coupling in surface-corrugated long-period-grating fiber tapers](#)

2. [\[PDF icon\]](#)

3. [\[PDF icon\]](#)

4. [\[PDF icon\]](#)

Détails sur l'article

MODAL COUPLING IN SURFACE-CORRUGATED LONG-PERIOD-GRATING FIBER TAPERS

Ding, W ; Andrews, S R ; Maier, S A Optics letters , 2008 , Vol. 33 (7) , 717

[Accéder au texte](#)

We describe the properties of a surface-corrugated long-period-grating fiber taper fabricated using contact optical lithography and wet etching techniques. The preservation of cylindrical symmetry in this device facilitates investigation of the modal beha...

Langue: anglais
Source: MEDLINE (NLM)
Éditeur: MEDLINE
ISSN : 0146-9592

Titre de la revue
[Tri A/Z](#)
[Transplantation proceedings \(4460\)](#)
[The Annals of Thoracic Surgery \(3801\)](#)
[Nature \(479\)](#)
[Science \(302\)](#)
[Proceedings of the National Academy of Sciences of the United States of America \(248\)](#)

<< < 1 2 3 4 > >>

Date de création
[Tri A/Z](#)
[500 \(1\)](#)
[2012 \(682\)](#)
[2011 \(26401\)](#)
[2010 \(30087\)](#)
[2009 \(30897\)](#)

<< < 1 2 3 4 > >>

Langue
[Tri A/Z](#)
[anglais \(370377\)](#)
[anglais \(65781\)](#)
[allemand \(6149\)](#)

Customer Example #3: Univ Laval



Options disponibles
pour cette référence



UNIVERSITÉ
LAVAL

Titre: Modal coupling in surface-corrugated long-period-grating fiber tapers.

Source : Optics letters [0146-9592] Ding, W An.:2008 Vol. :33 iss :7 pg :717 -9

▶ Accéder au texte dans [OpticsInfoBase Journals](#)

Année: Volume : Numéro : Page initiale:

▶ Vérifier la disponibilité du document dans [Ariane 2.0](#)

[Plus d'options](#) ▼

© 2012 SFX by Ex Libris Inc.
[CrossRef](#) Activé

Primo Central API query

- [http://<primo_server>:1701/](http://<primo_server>:1701/PrimoWebServices/xservice/search/brief?institution=<Primo_institution_code>&query=any,contains,global+warming&query=facet_pfilter,exact,articles&indx=1&bulkSize=10&loc=adaptor,primo_central_multiple_fe)
- [PrimoWebServices/xservice/](http://<primo_server>:1701/PrimoWebServices/xservice/)
- [search/brief?](http://<primo_server>:1701/search/brief?)
 - [institution=<Primo institution code>](http://<primo_server>:1701/search/brief?institution=<Primo_institution_code>)
 - [&query=any,contains,global+warming](http://<primo_server>:1701/search/brief?&query=any,contains,global+warming)
 - [&query=facet_pfilter,exact,articles](http://<primo_server>:1701/search/brief?&query=facet_pfilter,exact,articles)
 - [&indx=1](http://<primo_server>:1701/search/brief?&indx=1)
 - [&bulkSize=10](http://<primo_server>:1701/search/brief?&bulkSize=10)
 - [&loc=adaptor,primo_central_multiple_fe](http://<primo_server>:1701/search/brief?&loc=adaptor,primo_central_multiple_fe)

Primo Central API Documentation



You are here: [EL Commons](#) > [CodeShare](#) > [Primo Open Interfaces](#) > [Primo Central](#)

[My Area](#) [View](#) [Edit](#) | [Aleph](#) [Voyager](#) [Primo](#) [MetaLib](#) [SFX](#) [bX](#) [Verde](#) [Rosetta](#)

Primo Central

This section lists the Primo services that can be used with Primo Central.

X-Services

Primo Central supports the following X-services:

- [Brief Search](#)

PCI API Web Services

Web Services

Primo Central supports the following Web services:

- [searchRequest](#)
- [getEshelfRequest](#)
- [eshelfStructure](#)
- [removeFromEshelfRequest](#)
- [removeTagRequest](#)
- [removeUserTagsRequest](#)
- [getTagsRequest](#)
- [getAllMyTagsRequest](#)
- [getTagsForRecordRequest](#)
- [removeReviewRequest](#)
- [getReviewsRequest](#)
- [getAllMyReviewsRequest](#)
- [getReviewsForRecordRequest](#)
- [getReviewsByRatingRequest](#)

Additional Resources

The screenshot shows the EL Commons CodeShare BETA website interface. At the top left is the logo with the text "EL Commons CodeShare BETA". At the top right, it says "Hello Tony Gibbons (Log Out)" and "click here for EL Commons Wiki". Below the logo is a breadcrumb trail: "You are here: [EL Commons](#) > [CodeShare](#) > [Presentations](#)". A search bar with a "Go" button is located to the right of the breadcrumb. Below the breadcrumb is a navigation menu with links: "My Area", "View", "Edit", "Aleph", "Voyager", "Primo", "MetaLib", "SFX", "bX", "Verde", "Rosetta", "DigiTool", "Cross Product", "Presentations", and "RSS feed builder". The main content area displays a list of presentations under the heading "Developer Meets":

- [Developer Meets](#)
- [Developer March 2009](#)
- [Developer Meets](#)
- [Developer Nov. 2010](#)
- [Developer Meets](#)
- [Developer Nov. 2009](#)
- [Developer Meets](#)
- [Developer March 2011](#)
- [Developer Meets](#)
- [Developer Feb. 2010](#)

At the bottom of the page, there are links for "Terms of Use", "Privacy Policy", and "Contact".

Presentations from yearly Developer Meets Developer conferences held in Jerusalem and Chicago

Libraries, Technology, Programmers

Mark Dehmlow, Hesburgh Libraries, University of Notre Dame

- Libraries have the opportunity to be technology leaders and deliver what our patrons want
 - We have amazing structured data
 - We have contact with our specific communities of users
- Local Customization will require
 - High Level Programmers to lead development
 - Web Developers with basic understanding of scripting to implement
- Libraries should hire programmers

Thank You!

Tony Gibbons, MLIS

tony.gibbons@exlibrisgroup.com