Configuring Library Alternatives

What is Library Alternatives? ................................................................................................................. 2
Library Alternative: Articles ....................................................................................................................... 2
Library Alternative: eBooks ....................................................................................................................... 2
Library Alternatives: Open Access ............................................................................................................... 2
Document Delivery / Inter Library Loan .................................................................................................... 2
Sequence of Alternatives .......................................................................................................................... 3
How does Library Alternatives work technically? ..................................................................................... 4
Configuring Library Alternatives ............................................................................................................ 5
Configuring Library Alternatives: Open Access ......................................................................................... 5
Configuring Library Alternatives: Articles & Library Alternatives: eBooks ............................................... 5
Link Resolver Support ................................................................................................................................. 6
KBART-based ............................................................................................................................................... 6
API-based .................................................................................................................................................... 6
KBART file requirements ............................................................................................................................ 6
KBART-based setups ................................................................................................................................... 7
1) Adding the base URL of your Link Resolver ......................................................................................... 7
2) Selecting an import type ......................................................................................................................... 7
   URL ......................................................................................................................................................... 7
   FTP .......................................................................................................................................................... 8
   SFTP ........................................................................................................................................................ 8
API-based Systems ...................................................................................................................................... 9
   ALMA ...................................................................................................................................................... 9
   SFX .......................................................................................................................................................... 9
   Summon ................................................................................................................................................. 10
   360Link .................................................................................................................................................. 10
Configuring Document Delivery (a.k.a. Inter Library Loan) .................................................................... 11
What is Library Alternatives?
Library Alternatives is a solution from Lean Library that enables end-users to easily access e-resources at the library subscribed location. The service offers 4 service modules:

Library Alternative: Articles
When a user browses to an article that is not licensed by the library at that site, but is in license at another location, the extension will notify the user of the location of the licensed copy.

For example, when a user has discovered an article at emeraldinsight.com, but the library doesn’t subscribe to this item there, but instead through an aggregator (e.g. ProQuest, EBSCO), the library can thus notify the user with a direct link to the licensed article at the aggregator’s site.

Library Alternative: eBooks
When a user browses to a web-page, which lists one or several ISBNs, the extension will notify the user of the location of licensed eBooks for the listed ISBNs.

For example, when a user has accessed a print book record at a publisher, which is available as an eBook from the library, the library can notify the user with a direct link to the licensed eBook.

Library Alternatives: Open Access
When a user browses to an article that is not licensed by the library, but there is a legal Open Access version available, the extension will notify the user of the location of the Open Access copy.

For example, when a user has discovered an article at Elsevier, which is not licensed by the library, the library can thus notify the user with a direct link to an Open Access version and thus provide access.

Document Delivery / Inter Library Loan
When a user discovers an unlicensed article, the library can provide the user with a direct link to an Interlibrary Loan system or a Document Delivery System (DDS), ensuring that the user will eventually be able to gain access to this research.
Sequence of Alternatives
Each Library Alternatives module can be activated or deactivated separately. They can also be configured to work in a sequence. For example, when all 4 modules are activated a sequence would look like this (The sequences' end points are inside green rectangles).

Please note that Open Access versions are currently only checked for journal articles, Interlibrary Loan / DDS Links are only offered for journal literature...

Or when a library doesn’t wish to provide Open Access Alternatives, it would look like this:
How does Library Alternatives work technically?

This section will outline the general technical flow Library Alternatives uses to provide the user with access.

- At the document-URL we search for the DOI of the article or an ISBN.

- For articles, we then enrich this data with an ISSN in print and the online ISSN, title, date of first and last online issue, as well as information about embargo and coverage.

- We will match the Article / eBook data with your holding information (KBART) to see which articles / eBooks your library has in license and with which coverage.

- For articles, we also match the article data with legal Open Access repositories to see if there are OA versions available.

- Depending on the Library Alternative service activated, the extension will provide the user with alternative access to an article / eBook.

Additional Reading:

- [How does Lean Library find DOIs on a page](#)
- [How does Lean Library identify legal Open Access copies](#)
Configuring Library Alternatives

The configuration of Library Alternatives happens in the online dashboard of Lean Library:

https://app.leanlibrary.com/dashboard/account/alternatives-settings/

For each alternative you will need to configure various options, we will go over them one by one:

**Configuring Library Alternatives: Open Access**

This is the easiest one to setup, just check the “Enable Open Access Check” checkbox and that’s it.

**Configuring Library Alternatives: Articles & Library Alternatives: eBooks**

You can activate Library Alternatives: Articles & Library Alternatives: eBooks independently of each other, by simply selecting these options within the dashboard. The feature is based on a shared Link Resolver configuration.

After enabling either option, please ensure to configure your Link Resolver.
Link Resolver Support
In order to provide you with the best possible user experience, we have developed various direct integrations with popular Link Resolvers, in addition to our KBART based default. We’ll describe all options in detail, to help you decide, which section of this manual to review, please see the following list:

<table>
<thead>
<tr>
<th>KBART-based</th>
<th>API-based</th>
</tr>
</thead>
<tbody>
<tr>
<td>• EBSCO Full Text Finder</td>
<td>• ALMA U-Resolver</td>
</tr>
<tr>
<td>• OCLC Link Resolver</td>
<td>• SFX</td>
</tr>
<tr>
<td>• TDNet TOUResolver</td>
<td>• Summon</td>
</tr>
<tr>
<td>• Any other, not listed</td>
<td>• 360 Link</td>
</tr>
</tbody>
</table>

The setup is context specific, thus start by selecting your holding information system. The flow for the two KBART options will be absolutely identical and thus we only show one of the two.

Options are:
- KBART (comma-separated, e.g. EBSCO)
- KBART (tab-separated, e.g. OCLC)
- ALMA
- SFX
- Summon
- 360Link

KBART file requirements
KBART files should follow NISO recommended standard and contain:
- print_identifier
- online_identifier
- title_url

KBART files can be provided as a ZIP-archive, containing a single file of .csv or .txt format. macOS users should use the command line to generate the archive, as the archive command adds hidden files to the archive, which can cause trouble.
KBART-based setups

1) Adding the base URL of your Link Resolver
Enter the base URL of your Link Resolver up to, but not including, the question mark (?)

![Link Resolver base URL](image)

Once you have saved this, you can click **Test Integration**, to ensure things are working just fine.

If you wish to adjust the parameters that are added to the Link generated by the extension, you can do so by clicking the **Show Advanced Settings** button at the very bottom of the page.

**Show Advanced Settings**

The following parameters can be adjusted:

- ISSN
- DOI
- JOURNAL TITLE
- ARTICLE TITLE
- AUTHOR
- PUBLISHER
- START PAGE
- PAGES
- VOLUME
- ISSUE

2) Selecting an import type

**URL**

Library Access can download the KBART file from any publicly available URL you specify in the dashboard. Imports will happen once every 24 hours. Make sure to provide the complete URL, including file name and extension.

![URL](image)
**FTP**

Lean Library can download the config the KBART file from an FTP server as well. We will download and parse the KBART file every 24 hours. In the dashboard you can configure the following fields:

- Hostname
- Filepath
- Username
- Password

If you would like to use FTP, but do not have your own FTP Server, please contact support and we will create an FTP account for you.

**SFTP**

This will require the same fields as above, except that you can select to use your Private Key instead of a Password.
API-based Systems

ALMA
To setup ExLibris Alma, you will require the **Alma Delivery Domain** and your **institution code**. In some cases, a **campus code** might be required.

Do not include http:// or https:// with your Delivery Domain.

![Ex Libris - configuration](image)

SFX
To setup ExLibris SFX please provide the domain of your **SFX Delivery Domain** (or Base URL). Kindly omit a trailing slash.

*For Example:* https://sfx_clientid.hosted.exlibrisgroup.com/clientid

![SFX](image)
Summon

For Summon you will need to provide your Summon ID and Summon API Key.

The Summon ID represents the short name, used in your Summon URL.

*For example:* http://API_ID.summon.serialssolutions.com

Your Summon API Key can be obtained by contacting Summon Support. Based on experience we advise to request from support, rather than setting up yourself.

360Link

For 360Link we merely require your Link Hash. This can be found in any 360Link or by contacting 360 Link support.

Configuring Document Delivery (a.k.a. Inter Library Loan)
The fourth and final Library Alternatives module is to provide patrons with a pop up to a document delivery service or Inter Library Loan request form. This option / state will activate when the extension does not detect another Library Alternatives option for an article. In order to set this up, you will add the URL of the form.

**Form Requirements:**
The form needs to support metadata from URL parameters (GET), typically in OpenURL format.

![Document Delivery Service: Order form URL](image)
The “Order Form URL” button provides you with the ability to quickly test your setup.

If you wish to adjust the parameters that are added to the ILL/DDS link that the extension generates, you can do so by clicking the “Show advanced settings” button. This is essential, if your form expects different parameters from the typical OpenURL values, such as `atitle` for `article title`.

Show Advanced Settings

If you press the “Show advanced settings” button you will be able to change the following parameters in the link to the DDS/ILL service:

- ISSN
- DOI
- JOURNAL TITLE
- ARTICLE TITLE
- AUTHOR
- PUBLISHER
- START PAGE
- PAGES
- VOLUME
- ISSUE