"Deep" linking enables your library's FirstSearch users to link from FirstSearch results directly to a record in your online catalog (OPAC). It also allows people performing broad Web searches at sites such as Google and Yahoo! to link to your catalog, through WorldCat.org.

To ensure deep links to your library's OPAC, take a few minutes now to log on to the WorldCat Services Administrative Module for your account and register the correct deep-link "syntax" (URL structure) for your OPAC. To determine your syntax using the table below, you'll need to know the name of your Integrated Library System (ILS) vendor.

**Construct your deep-linking URL syntax**

A deep link's syntax is the basic structure of the link, focusing on where standard identifier information about the searched item (e.g. ISBN) is embedded within the URL. The table below shows common ILS vendors and the syntax of their deep-link Web URLs.

In each URL listed in the table, **bold (red) text** indicates the component of the URL that you replace with the base URL for your OPAC (e.g. "catalog.mylibrary.org"). **Bold italicized (green) text** may need to be changed depending on your local configuration. (Important notes on some systems' URL structures are in the footnotes below.)

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>URL SYNTAX</th>
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<tr>
<td>ALEPH</td>
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<tr>
<td>Sirsi / DRA</td>
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<td>SydneyPlus</td>
<td>https://library_opac_baseURL/cgi/swebsch.exe=sort=til&amp;sortType=asc&amp;spfield=isbn&amp;thesfld=false&amp;lang=&amp;ini=splusweb&amp;uid=public&amp;idck=&amp;eid=&amp;text=see footnote</td>
</tr>
</tbody>
</table>
VENDOR | URL SYNTAX
--- | ---
Talis (Prism) | https://library_opac_baseURL/TalisPrism/doSearch.do?searchType=advSearch&st1=controlNumber&searchLocations=talisLms&sv1=
TLC | https://library_opac_baseURL/TLCScripts/interpac.dll?Browse&Config=PSL&SearchType=3&SearchField=4096&SearchData=see footnote

Footnotes

ALEPH

The `func` parameter on some systems may require `find-b` instead of `findb`. The name of the `local_base` parameter may vary by library. Replace the `find_code` parameter `WSB` with `ISBN` for ISBN, `ISSN` for ISSN, or `035` for OCLC Number. A second known format is

https://library_opac_baseURL/ALEPH/-/ext-find?base=librarybasecode&find=20=

(variations on the find parameter here are `020` for ISBN, `022` for ISSN, and `035` for OCLC Number).

Endeavor (Voyager)

Listed above is the URL structure for ISBN. For ISSN, replace both instances of ISBN with ISSN. A different URL structure exists for OCLC Number:

https://library_opac_baseURL/cgi-bin/Pwebrecon.cgi?DB=local&BOOL1=all+of+these&FLD1=Keyword+Anywhere+(GKEY)&CNT=25+records+per+page&SAB1=

Innovative

Replace the closing `i=` with `o=` for OCLC Number.

Dynix (iPac)

Replace the index parameter `ISBN` with `ISSN` for ISSN and either `UTIL`, `OCLC`, or `CNTRL` for OCLC Number. Another variation is to use `ISBNEX`, `ISSNEX`, and `UTILEX`, respectively, as the index terms. A third variation is `.BN` and `.SN`, with no known value for OCLC Number. On shared catalogs, an additional parameter `&profile=` is often used where the code that follows the equals sign indicates which library you are searching.
Sirsi

There are many known variations. Three common variations are

https://library_opac_baseURL/uhtbin/cgisirsi/x/0/0/5/?searchdata1=
https://library_opac_baseURL/uhtbin/isbn-search/
https://library_opac_baseURL/uhtbin/cgisirsi.exe/x/0/5/?searchdata1=

with the last variation used for Windows NT-based OPACs. See Tip below about session identifiers.

Sirsi / DRA

Listed above is the URL structure for ISBN. For ISSN, the left parenthesis following index= changes to a right parenthesis, as in index=). A second known format is

https://library_opac_baseURL/web2/tramp2.exe/do_ccl_search/
guest?SETTING_KEY=English&location_group_filter=all&
   servers=library_code_optional_if_shared_OPAC&index=sb&query=

(variations on the index parameter here are ss for ISSN). A third known format is

https://library_opac_baseURL/web2/tramp2.exe/do_authority_search/
guestSETTING_KEY=English&servers=1home&index=
   bn&query=

(variations on the index parameter here are sn for ISSN, and index=%5e for OCLC Number).

SydneyPlus

Listed above is the URL structure for ISBN. For ISSN, use:

https://library_opac_baseURL/cgi/
swebsch.exe?sort=til&sortType=asc&spfield=issn&thesfld=false&ini=splusweb&
   uid=public&text=

TLC

Listed above is the URL structure for ISBN. For ISSN, the SearchField parameter becomes 8192. In some systems, the CONFIG parameter may change to PAC.

Tips on deep link construction

- Deep links cannot include semicolons (;) or carats (^)—they will cause links to break, even though they will seem to work correctly when tested in the FirstSearch Administrative Module.
- Deep links cannot include a unique session identifier because Web sessions expire after a short time. Sirsi catalog links almost always have a session identifier, so be sure to remove it when building a link.
- Deep links should be constructed so that the ISSN, ISBN or OCLC number is at the end of the URL string.
Register your deep-link syntax in FirstSearch

Log on to your Administrative Module at https://firstsearch.oclc.org/admin/. Click the Linking tab, then the Web Library Catalogs in the left-hand submenu.

1. Using the above table, adapt the correct URL structure for your ILS from the base address of your library's OPAC.

2. On the Library Catalog Search control panel, paste your proposed deep-linking URL into the long data entry field for either the ISBN or ISSN Search Results URL, as shown below.

![Diagram showing how to enter and test URLs]

3. To test the URL, enter the ISBN or ISSN for an item known to be in your collection into the shorter data entry field and click the Test button. When you have successfully tested the URL, click the Save Changes button to enable deep linking to your OPAC. Changes saved before 2 p.m. Eastern Time (ET) weekdays will be functional on the next business day. Changes made after 2 p.m. ET will be functional in two business days.

Need help?

Note that older or newer versions of some OPAC software may require modifications to the URL syntax. For assistance, contact your regional service provider, OCLC Support, or your OPAC vendor.