

## How to Set Up Your Library to Download MARC Records

Recording accurate details for new acquisitions and existing items has never been easier. Use the Download New Items feature to ensure the most recent and accurate information is recorded. This feature will be a huge time saver for Cataloguers and Librarians alike.

### What is Z39.50?

**Z39.50** is a network protocol that provides access to information systems. It was originally developed to meet the needs of libraries to integrate their online catalogue systems. It has since been adopted by various other domains, and it remains arguably the most flexible, versatile and efficient information retrieval method around. It is readily available to the public and the specification can be downloaded freely from the net.

## Set Up The Internet Libraries Servers



### [Maintenance](#)

The first step is to set up the list of Internet Servers. From the main Library menu, click the Maintenance icon. The next screen that appears will list the Tables that you can set up on the right side.



### [Internet Servers](#)

Click the IS (Internet Servers Table) icon to set up server information. On this screen you will see a list of any servers already set up. You may want to consult with your IT Department for assistance. It is essential that the server and address be correct or you will not be able to retrieve information from the Internet. Once set up, you will select from this list when using the download feature. Below is an example showing the Library Of Congress setup:

#### Internet Servers Table

| #                 | Server Name         | Address       | Delete                   |
|-------------------|---------------------|---------------|--------------------------|
| <a href="#">1</a> | Library Of Congress | z3950.loc.gov | <input type="checkbox"/> |

To add an Internet Server, click Add, fill in the appropriate information, and then click Save & Go Back to complete the new Internet Server entry. You may need to talk to your IT department to obtain some of this information.

To edit an Internet Server, click the underline link in the # column. In this example, you would click [1](#) to edit Library Of Congress. Except for the title, the edit and add screens will look the same.

To remove an Internet Server, click the checkbox in the Delete column, and then click the Delete button.

Click Save or Save & Go Back to record the changes. Save will keep the current page open; Save & Go Back will return you to the Internet Servers Table.

## Edit Internet Servers Table

|   |  |
|---|--|
| Server Name:  | <input type="text" value="Library Of Congress"/> |
| Server URL:   | <input type="text" value="z3950.loc.gov"/>       |
| Port Number:  | <input type="text" value="7090"/>                |
| Database Name:  | <input type="text" value="Voyager"/>             |
| Requires Logon  | <input type="checkbox"/>                         |
| User ID:  | <input type="text"/>                             |
| User Password:  | <input type="text"/>                             |
| <input type="button" value="Save"/> <input type="button" value="Save &amp; Go Back"/> <input type="button" value="Cancel"/> |  |

## Downloading MARC Record Items



[Download New Items \(Z39.50\)](#)

Once you have set up the Internet Servers, you're ready to start downloading MARC Records.

1. First, click the Download New Items (Z39.50) icon under Maintenance.
2. If not selected, click Z3950 as the Protocol.
3. Select a server from the Servers drop-down list. This is the list that you set up under Tables, Internet Servers. In this example we have chosen Library Of Congress.
4. Search for the item you wish to download by selecting a Criterion from the drop-down list and entering information in the Search box. Here we've chosen to search for an item called "Full Of Life", by the author John Fante.

> [Menu](#) > [Library](#) > [Maintenance](#) > Internet Library Search

|            |  |         |  |           |  |
|------------|--|---------|--|-----------|--|
| Criterion: | <input type="text" value="Title"/>           | Search: | <input type="text" value="Full Of Life"/>                                  | Servers:  | <input type="text" value="Library Of Congress"/>                         |
|            | <input type="button" value="Add Criterion"/> |         | <input type="button" value="Search"/> <input type="button" value="Reset"/> | Protocol: | <input checked="" type="radio"/> Z3950 <input type="radio"/> Web Service |
|            |  |         |  | SRW Mode: | <input checked="" type="radio"/> SRU <input type="radio"/> SRW           |

4. When you have located the item, in the Title column, click the checkbox beside the item that you want and click the Import button at the bottom of the page (you may have to scroll down to see this button depending on the number of results). In this example, we checked the item "Full Of Life".

Criterion:  Search:  Servers:

Protocol:  Z3950  Web Service  
 SRW Mode:  SRU  SRW

Search results - 16 Items found. Showing: 1 - 16

| Title  | Author           | Call Number | ISBN   | Item Type |
|--|------------------|-------------|--|-----------|
| <input type="checkbox"/> The big comfy couch.                              |                  |             |  |           |
| <input type="checkbox"/> Full of life                                      |                  |             |  |           |
| <input type="checkbox"/> Total devotion                                    |                  |             |  |           |
| <input type="checkbox"/> God wants you healthy, wealthy and full of life / | Brown, Mikel.    |             | 1930388098                                     |           |
| <input type="checkbox"/> Full of life :                                    | Cooper, Stephen, | 813/.52     | 9781883318581<br>(trade paper :<br>alk. paper) |           |
| <input type="checkbox"/> Full of life :                                    | Cooper, Stephen, | 813/.52     | 0865475547<br>(alk. paper)                     |           |
| <input type="checkbox"/> Abuelita, full of life /                          | Costales, A.     | [E]         | 0873589149<br>(hardcover)                      |           |
| <input checked="" type="checkbox"/> Full of life.                          | Fante, John,     | 813/.52     |  |           |

- The item's information will be imported automatically into your database, and the next available barcode, in order, will be assigned.

## Web Services

In general, using the Web Services feature, you can actually use your Internet browser to request info about items, i.e., the same as entering an address in the URL box of the browser (with additional parameters). Sufficient security permissions are needed to create new Servers.

- First, click the Download New Items (Z39.50) icon under Maintenance.
- If not selected, click Web Service as the Protocol.
- The SRW Mode options will be enabled. Select SRU or SRW. **SRU (Search/Retrieve via URL)** is a standard search protocol for Internet search queries, utilizing CQL (Common Query Language), a standard query syntax for representing queries. **SRW (Search/Retrieve Web Service)** is a companion protocol to SRU. The Library of Congress serves as the maintenance agency for these standards.
- Select a server from the Servers drop-down list. This is the list that you set up under Tables, Internet Servers. In this example we have chosen Library Of Congress.
- Search for the item you wish to download by selecting a Criterion from the drop-down list and entering information in the Search box. Here we've chosen to search for an item called "Full Of Life", by the author John Fante.

> [Menu](#) > [Library](#) > [Maintenance](#) > Internet Library Search

Criterion:  Search:  Servers:

Protocol:  Z3950  Web Service  
SRW Mode:  SRU  SRW

6. When you have located the item, in the Title column, click the checkbox beside the item that you want and click the Import button at the bottom of the page (you may have to scroll down to see this button depending on the number of results). In this example, we checked the item "Full Of Life".

> [Menu](#) > [Library](#) > [Maintenance](#) > Internet Library Search

Criterion:  Search:  Servers:

Protocol:  Z3950  Web Service  
SRW Mode:  SRU  SRW

Search results - 16 Items found. Showing: 1 - 16

| Title  | Author           | Call Number | ISBN   | Item Type |
|--|------------------|-------------|--|-----------|
| <input type="checkbox"/> The big comfy couch.                              |                  |             |  |           |
| <input type="checkbox"/> Full of life                                      |                  |             |  |           |
| <input type="checkbox"/> Total devotion                                    |                  |             |  |           |
| <input type="checkbox"/> God wants you healthy, wealthy and full of life / | Brown, Mikel.    |             | 1930388098                                     |           |
| <input type="checkbox"/> Full of life :                                    | Cooper, Stephen, | 813/.52     | 9781883318581<br>(trade paper :<br>alk. paper) |           |
| <input type="checkbox"/> Full of life :                                    | Cooper, Stephen, | 813/.52     | 0865475547<br>(alk. paper)                     |           |
| <input type="checkbox"/> Abuelita, full of life /                          | Costales, A.     | [E]         | 0873589149<br>(hardcover)                      |           |
| <input checked="" type="checkbox"/> Full of life.                          | Fante, John,     | 813/.52     |  |           |

7. The item's information will be imported automatically into your database, and the next available barcode, in order, will be assigned.

## Would you like to find MARC Records in a location other than the Library Of Congress?

See the list of Canadian sites where you can download records below. Please note that some of this information may not have been up-to-date.

[Québec specific Z39.50 hosts.](#)

[Extensive list of sites, both Canadian and International, where you can download MARC Records.](#)

### Canadian Download Sites

| Institution   | Net address                     | IP address      | Port | Databases |
|---|---------------------------------|-----------------|------|-----------|
| Acadia University   | jasper.acadiau.ca               |                 | 2200 | unicorn   |
| Amicus  | amicus.collectionscanada.ca     |                 | 210  | ANY       |
| Athabasca University                                      | aupac.lib.athabascau.ca         |                 | 210  | INNOPAC   |
| Bibliothèque nationale du Québec                          | www.bibliat.gouv.qc.ca          |                 | 210  | IRIS      |
| Bishop's University                                       | library.ubishops.ca             | 192.197.190.4   | 210  | advance   |
| British Columbia Institute of Technology                  | innopac.lib.bcit.ca             |                 | 210  | INNOPAC   |
| Brock University  | catalogue.library.brocku.ca     |                 | 210  | INNOPAC   |
| Burlington Public Library                                 | biron.bpl.on.ca                 |                 | 210  | ANY       |
| Canada Institute for Scientific and Technical Information | cat.cisti.nrc.ca                |                 | 210  | INNOPAC   |
| Canadian Institute for Historical Microfiche Catalogue    | jasper.acadiau.ca               |                 | 2011 | ciaa      |
| Cape Breton University                                    | aleph1.novanet.ns.ca            |                 | 210  | CBU       |
| Carleton University                                       | catalogue.library.carleton.ca   |                 | 210  | INNOPAC   |
| Centennial College  | unicorn.bibliocentre.ca         |                 | 2200 | PROGRESS  |
| College of the North Atlantic                             | sirsi1.cna.nf.ca                |                 | 2200 | unicorn   |
| Concordia University                                      | mercury.concordia.ca            |                 | 210  | INNOPAC   |
| Dalhousie University                                      | aleph1.novanet.ns.ca            |                 | 9991 | ALL_DAL   |
| Earth Sciences Information Centre                         | geoinfo.gsc.nrcan.gc.ca         |                 | 210  | INNOPAC   |
| École Polytechnique de Montréal                           | advance.biblio.polymtl.ca       |                 | 210  | advance   |
| Lakehead University                                       | inukshuk.lakeheadu.ca           |                 | 7090 | voyager   |
| McGill University   | aleph.mcgill.ca                 | 132.216.30.58   | 210  | MUSE      |
| McMaster University                                       | library2.mcmaster.ca            |                 | 210  | MORRIS    |
| Memorial University of Newfoundland                       | info.library.mun.ca             | 134.153.15.13   | 2200 | unicorn   |
| Mount Allison University                                  | library.mta.ca                  |                 | 7090 | unicorn   |
| Northern Alberta Institute of Technology                  | librarycat.nait.ab.ca           |                 | 7090 | voyager   |
| Nova Scotia Agricultural College                          | aleph1.novanet.ns.ca            |                 | 9991 | NSAC      |
| Nova Scotia College of Art and Design                     | aleph1.novanet.ns.ca            |                 | 9991 | NSCAD     |
| Novanet   | aleph1.novanet.ns.ca            |                 | 9991 | NOV01PUB  |
| Queen's University  | wolfe.library.queensu.ca        |                 | 7090 | voyager   |
| Tri-University Group (Guelph-Waterloo-Wilfred Laurier)    | 129.97.128.21                   | 129.97.128.21   | 7090 | voyager   |
| Université de Moncton                                     | 139.103.17.122                  | 139.103.17.122  | 2205 | unicorn   |
| Université de Montréal                                    | atrium.bib.umontreal.ca         | 132.204.55.40   | 210  | advance   |
| Université de Sherbrooke                                  | sdb-ulyse.biblio.usherbrooke.ca | 132.210.171.7   | 2200 | unicorn   |
| Université du Québec à Montréal                           | catalogue.quebec.ca             | 206.162.174.193 | 210  | uqam      |
| Université Laval  | ariane2.ulaval.ca               |                 | 2200 | unicorn   |