

## SRU Client Quickstart Guide for intraLibrary

### *Introduction*

The SRU client was developed as part of the JISC-funded CD-LOR (Community Dimensions of Learning Object Repositories) project. The purpose of this tool is to promote the contents of a learning object repository such that users will be encouraged to register for the repository and start engaging with it.

This guide will allow you to quickly set up the SRU-client with the default settings and style. For information on how to configure the SRU client or to find out more about how it works please refer to the SRU Client User Guide. Additional documentation can be found as comments embedded in the .xsl and .js files. The SRU client works with intraLibrary v2.8 or above.

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### *Setting up the SRU client*

#### **Step 1**

Ensure your repository is configured to allow external searches to see the objects in your repository. In intraLibrary this is defined for each collection and the default is for a collection of objects not to be searchable by external systems. IntraLibrary administrators can change this setting in the “collections” area found in “admin tools”. Click “Edit properties” next to the collection you wish to make visible and select “Allow published content in this collection to be searched by external systems”.

#### **Step 2**

Download the latest version of the tools from the SourceForge repository at <http://sruclient.sourceforge.net/> The filename will be murrayfield.zip

#### **Step 3**

Copy the contents of the **murrayfield** directory (having unzipped **murrayfield.zip**) to the Web server that will host the SRU client. We'll assume for this guide that the URL of this server is <http://www.mywebserver.com> and you have put the murrayfield directory at the top level, so the URL of your search page is <http://www.mywebserver.com/murrayfield/index.html>.

#### **Step 4**

Edit **searchretrieve.xml** (found in the directory **style**) and change the link to results.css (found on line 39) to its new URL (<http://www.mywebserver.com/murrayfield/style/results.rss> in our example). Also change the URL of the “back to search” link (<http://www.mywebserver.com/murrayfield/index.htm>).

#### **Step 5**

Copy **searchretrieve.xml** to the server which is hosting your repository. For our example we'll assume the URL of this server is <http://www.repository.com> and the file can now be found at <http://www.repository.com/murrayfield/style/searchretrieve.xml>.

#### **Step 6**

Edit **data.js** (found in the directory **js**). Change the URL to find the SRU-client of the repository you wish to search. You can find this at line 28 of **data.js** and in our example, assuming the URL of the repository is <http://www.repository.com/intralibrary/> then the URL of the SRU client is <http://www.repository.com/intralibrary/IntraLibrary-SRU>. Also, change the reference to **searchretrieve.xml** to its new location on your repository server (<http://www.repository.com/murrayfield/style/searchretrieve.xml>).

#### **Step 7**

Go to <http://www.mywebserver.com/murrayfield/index.html> in your Web browser and you should get the search form. Type in a search term, submit and view the results of the search as delivered from the repository. The results should be nicely formatted.