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# Developing a Library Widget for the Campus LMS

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Available at: [https://works.bepress.com/eric\\_kowalik/9/](https://works.bepress.com/eric_kowalik/9/)

# Developing a Library Widget for the Campus LMS

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## Project Background »

In the Summer of 2014 the Raynor Memorial Libraries was given the opportunity to add a library widget to all course homepages in Desire2Learn, Marquette's Learning Management System (LMS).

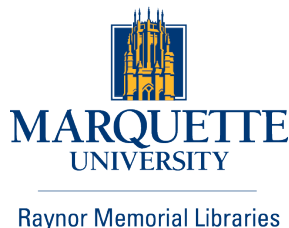
Developed with HTML, CSS and jQuery, the widget allows students to search the EBSCO Discovery Service or MARQCAT, the traditional catalog, directly from within the LMS course site.

The widget also includes links to useful library services such as:

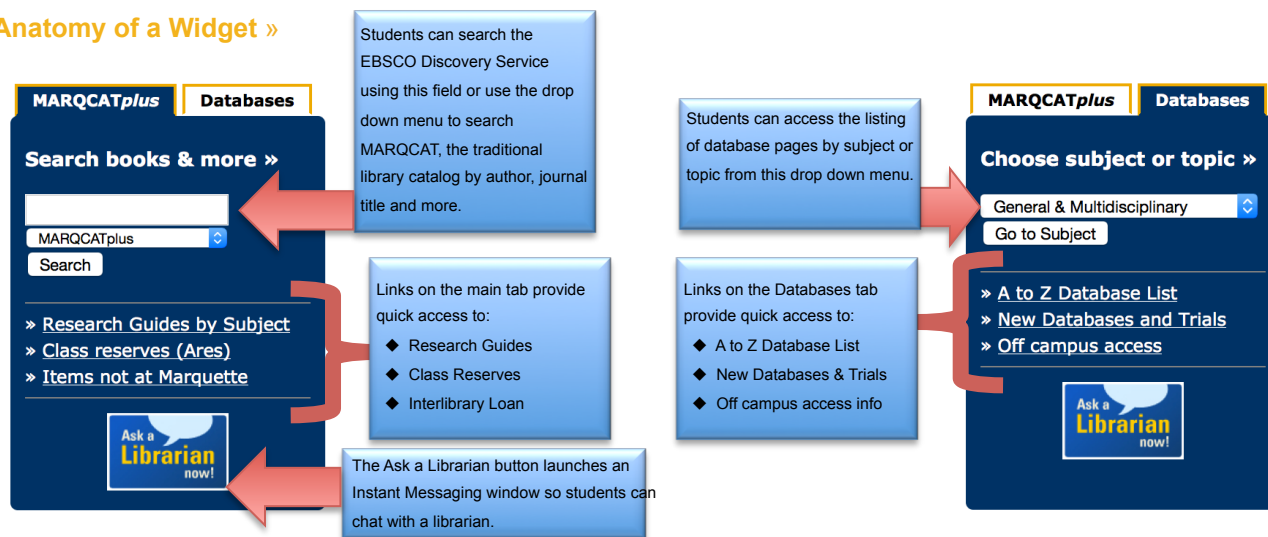
- ◆ Interlibrary Loan
- ◆ Class Reserves
- ◆ Ask a Librarian Instant Messaging
- ◆ Off campus access instructions

Before the start of the Spring 2015 semester, Google Analytics and Google Tag Manager were incorporated into the widget. The code allows tracking the number of times links in the widget have been clicked, which classes have used the widget and terms searched for.

Thanks to Jeff Carleson at Sacramento City College whose library search widget inspired this project. Learn more @ <http://scc.sosrios.edu/~library/tools/widget/>



## Anatomy of a Widget »

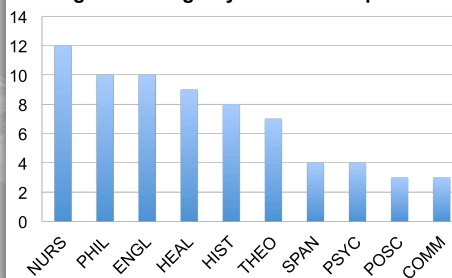


## Assessment »

Before the start of the Spring 2015 semester, Google Analytics and Google Tag Manager were incorporated into the widget code, allowing for improved usage tracking. Students in 111 courses have used the widget to either search the library catalog or visit one of the resource links.

- ◆ **Figure 1** displays the 10 disciplines with highest number of courses in which the widget has been used.
- ◆ **Figure 2** represents the most clicked links in the widget.

Figure 1: Usage By Course Discipline\*



\*Data covers usage from January 1<sup>st</sup>, 2015 through March 31<sup>st</sup>, 2015

Figure 2: Most Clicked Links\*

Link	Clicks
Class reserves	114
Ask Us IM Chat	26
Research Guides by Subject	24
Item not at Marquette (ILL)	7
A to Z Database List	6
New Databases and Trials	1

## Get the Code and Contribute »

The code for this project was released under a GNU General Public License and placed on the Raynor Memorial Libraries GitHub site.

The project is HTML and jQuery based, no proprietary software is needed to edit the code. Just fire up a text editor and follow the code comments to customize the widget to your needs. Download the code at:

[github.com/MarquetteRML/Library\\_Catalog\\_Search\\_Widget](https://github.com/MarquetteRML/Library_Catalog_Search_Widget)

Need help? Inbox me @ [eric.kowalik@marquette.edu](mailto:eric.kowalik@marquette.edu)

