



Rochester Institute of Technology

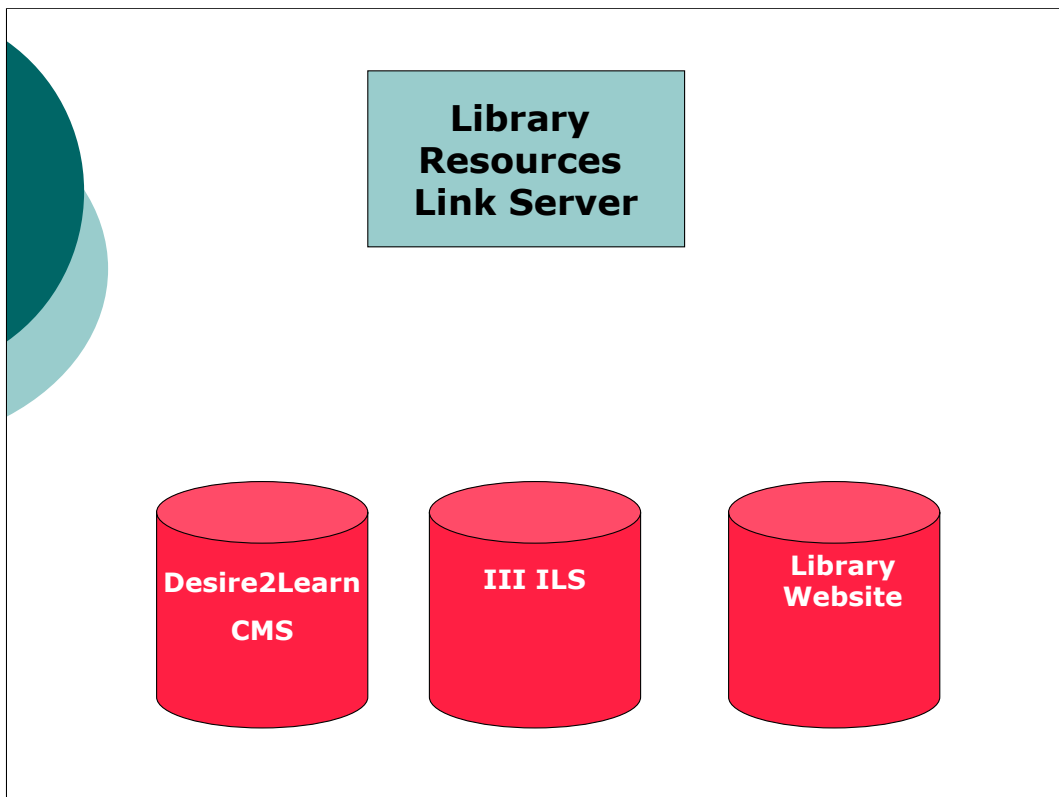
- Courseware: Desire2Learn
- Solution – Library Resources Link Server
 - Similar in concept to an OpenURL Link Server
 - Modular, ColdFusion application
 - Uses III Oracle Interface
 - Integrates library resources, contact information, and course reserves.
 - Resources are specific to the course, program, and/or academic department.
 - Available by default in every course and from every screen within Desire2Learn

RIT uses Desire2Learn for it's campus-wide courseware application.

We created a “library resources link server” a cold-fusion application that uses the III Oracle Interface and integrates library resources, contact information, and course reserves.

Resources are specific to the course, program, and/or academic department.

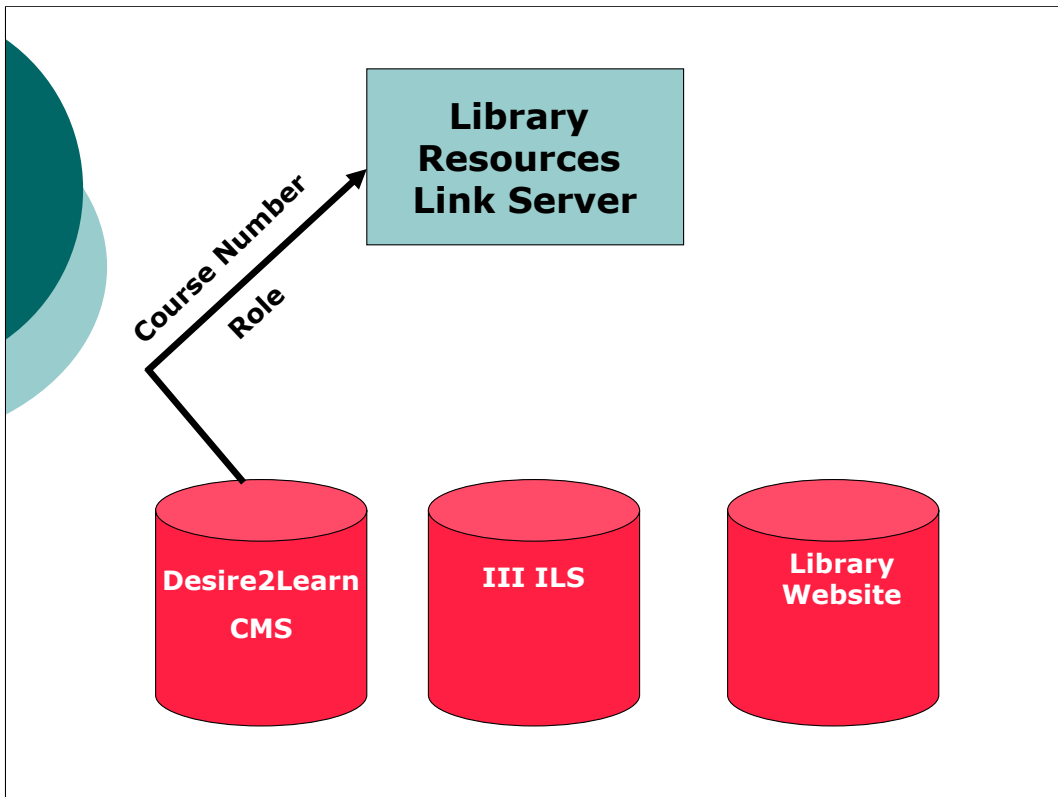
It is available by default in every course and from every screen from within Desire2Learn. Librarians need no access to course shells, faculty don't have to activate it.



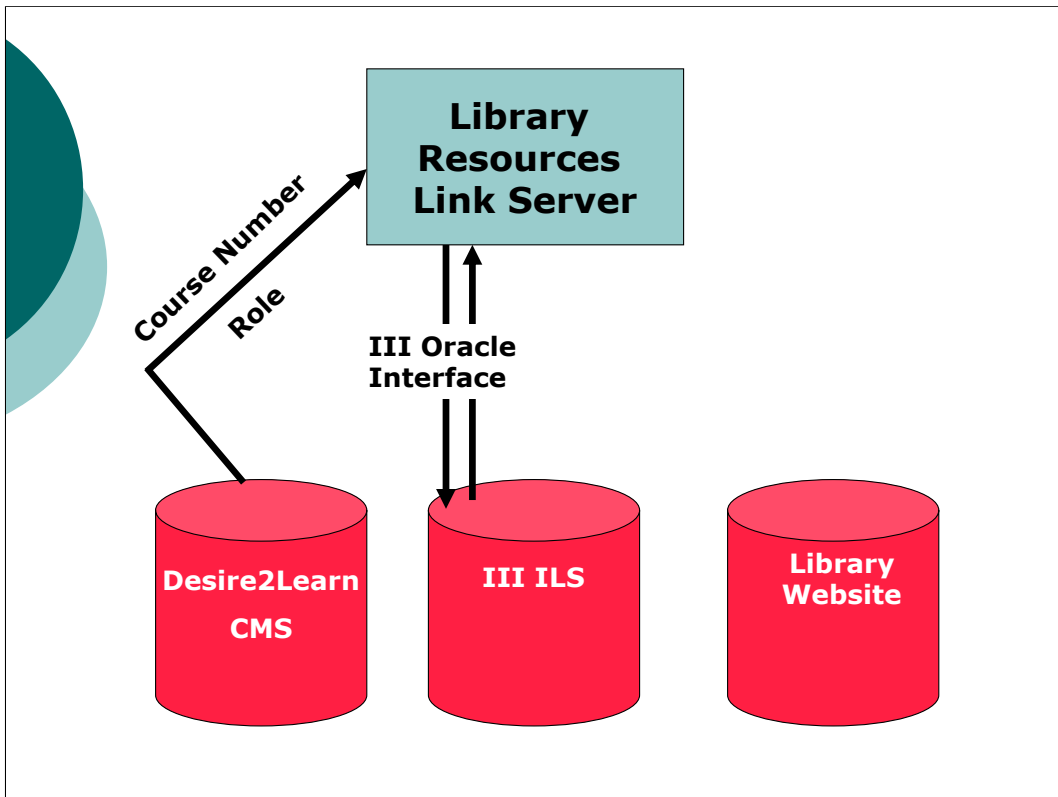
Here is a graphical representation of the three systems we are attempting to integrate and how the “library resources link server” fits in.

From left to right along the bottom, we have our Desire2Learn application, our III ILS where library course reserve records are located, and our Library website where our librarian-authored, discipline-specific support pages are located.

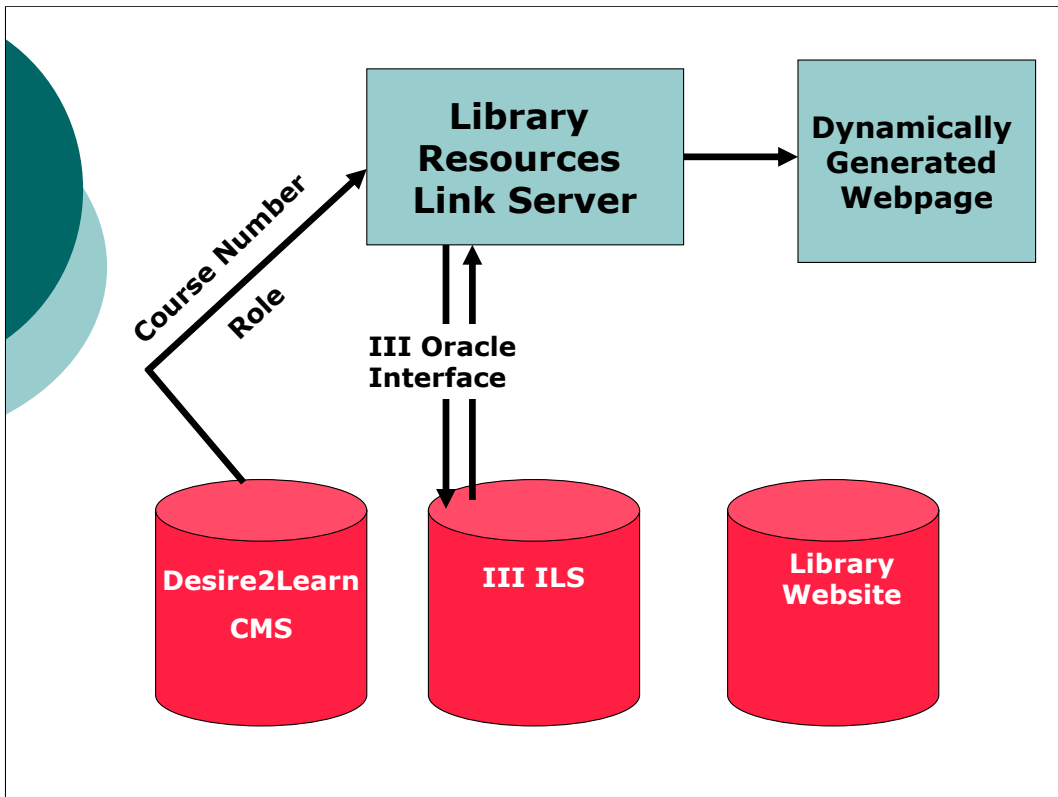
The key is the “library resources link server.” It is similar in concept to an OpenURL Link Server – but instead of linking to full-text when passed a citation, it links to relevant library resources when passed a course number.



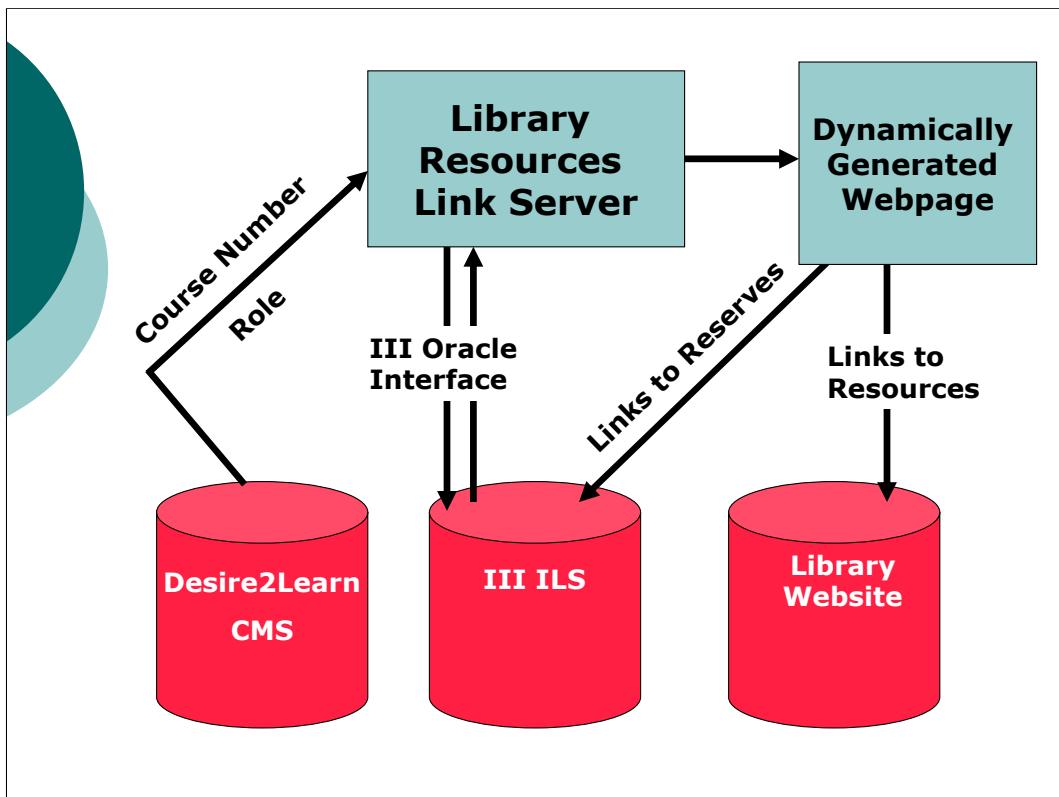
We send the course number and role (i.e.: faculty or student) to our linking application.



The linking application queries our ILS via the Oracle Interface and sends back bib record information for individual items on reserve -- if they exist.



A dynamically generated web page is created – customized for that course number.



If there are items on reserve for the course, the webpage contains links to the individual bib records for material on reserve.

Users click the links and jump directly to the WebOPAC screen for that item.

The webpage also has links to the most appropriate library web pages for that college, program, or department.

RIT myCourses - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

My Home - Course Home - Course Information (SIS) - myLibrary - Calendar - Checklist - Journal Jonathan Jiras

myCourses 4002.539.01/02/4004.739.01/02 - Programming For Wwww

Content - Email - Grade Book - Dropbox - Discussions - Quizzes - Chat/Canvas - Classlist FAQ - Help - Logout

Updates

- 0 [Unread Discussion Messages](#)
- 0 [Quizzes Available](#)

Events

No Events

Open my **Events**

Bookmark

No bookmark added.

Search News

► Session Variables Exercise - Apr 5, 2006

Attachment:

[pdlogin\(4\).php](#)

The attached file will get you started.

► phpMyAdmin Configuration - Apr 5, 2006

Attachment:

[config.inc.php](#)

I have created the attached file to simplify your installation of phpMyAdmin. Download it, edit it, and put it into your phpMyAdmin directory on Vega.

► Flock Test - Mar 29, 2006

Attachment:

[flocktest\(4\).php](#)

Download the attached to play with file locking.

Show All **Next 2**

Technical Help

Remember, you can always get help with myCourses...

On Campus
ITS HelpDesk
E-mail: HelpDesk@rit.edu
Phone: 585-475-HELP (4357) or 585-475-2810 TTY
In Person: Gannett Building, Room 7B-1113
Hours of Operation: <http://www.rit.edu/its/help>

Course Tools

Content - is typically where all of the course content is located, such as Syllabus, Outline, Lectures, Projects, etc.

Email - allows students (and faculty) to easily send email messages to any or all students in the class.

Grade Book - is where grades can be posted. Students can see their own grade, as well as the class average and distribution.

Dropbox - is where assignments (files) are uploaded to a secure area. Faculty can then easily grade the assignment and have the grade associated with the Grade Book.

Discussions - are a central place where asynchronous dialog can take place regarding the course material.

Quizzes - is where online quizzes (or tests) can be created. A quiz can be configured to be taken multiple times for practice or a single time for a high stakes test.

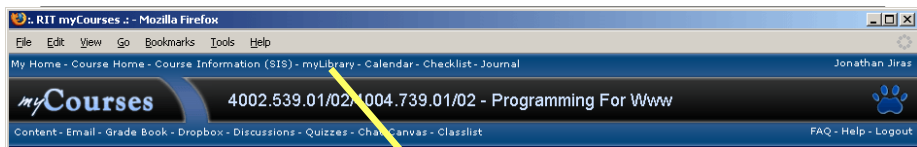
Chat - is where live online discussion can take place. It may be used for office hours, virtual group meetings, or online learning courses.

Classlist - is used to see a list of other

Done mycourses.rit.edu

Here is a screen shot of a Desire2Learn Course Shell.

Rochester Institute of Technology



In the top frame is a link to “myLibrary.”

We’ve called it myLibrary because RIT’s implementation of Desire2Learn is branded myCourses. It has nothing to do with the library portal application of the same name.

Every course, without exception, at RIT has a course shell – even if the faculty don’t use it.

The link is present by default in every course and from every page within that course.

My Home - Course Home - Course Information (SIS) - myLibrary - Calendar - Checklist - Journal Jonathan

myCourses 4002.539.01/02/4004.739.01/02 - Programming For Wwww

Content - Email - Grade Book - Dropbox - Discussions - Quizzes - Chat/Canvas - Classlist FAQ - Help - L

Catalog: Keyword Search Search

:: RIT Home :: Directories :: Info Center/S

RIT LIBRARIES
WALLACE LIBRARY - CARY COLLECTION - RIT ARCHIVES

Course Specific Library Resources for: **20053-0610-416-01**
- MATERIALS TECHNOLOGY

Your librarian is **Linette Koren**
Phone: (585) 475-6123
Email: lxkwml@rit.edu
Instant Message: **enlibrarian** at or **317686097** at
Office: **05-1426**

[MY LIBRARY ACCOUNT](#)
[RESEARCH TOOLS](#)

Reserves Find Articles Find Books Subject Guides Select Websites

Your professor has placed items on reserve with Wallace Library.
[Click here to see them all](#), or click any of the individual titles below:
(provide your RIT Username and Password if prompted)

- [Engineering Materials: Properties and Selection, Chapter 19](#)
- [Engineering Materials: Properties and Selection, Chapter 20](#)
- [Engineering Materials: Properties and Selection, Chapter 4](#)
- [Engineering Materials: Properties and Selection, Chapter 5](#)
- [Engineering Materials: Properties and Selection, Chapter 6](#)
- [Engineering Materials: Properties and Selection, Chapter 7](#)

Here is a screen shot after you click the link. Notice that the library resources webpage loads in the myCourses Frameset -- making it truly integrated into the course shell. Almost all the links pop-up a new browser window.

You can search the catalog, search the libraries website, and see a picture and contact information for the library subject specialist for that college or department.

If you click "my library account" it takes you to the patron authentication screen at our webopac (once there, you still have to authenticate).

Clicking "Research Tools" brings up a page with links to bibliographic management software, citation guides, an assignment calculator, links to interlibrary loan, info about SFX, etc.

The first tab shows library reserves for the course. All reserves -- both electronic and traditional -- are listed. Library staff do not have to access course shells and insert these links. They are generated automatically for any course that has reserves. If there are no reserves for the course, the reserve tab does not appear, and the user sees only four tabs.

Additional Tabs

The image shows two screenshots of a library application interface. The top screenshot is titled "Additional Tabs" and shows a navigation bar with tabs: Reserves, Find Articles, Find Books, Subject Guides, and Select Website. Below the tabs, there are two main sections: "Selected Article Databases" and "Selected Librarian Authored Guides".

Selected Article Databases

- ▶ [Engineering Databases](#)
- ▶ [Patent Databases](#)
- ▶ [Multidisciplinary Databases](#)
- ▶ [Engineering Resource Guides](#)

Selected Librarian Authored Guides

- ▶ [Engineering Author Information](#)
- ▶ [Engineering Career Information](#)
- ▶ [Guide to Engineering and Construction Standards](#)
- ▶ [Current Periodicals in Engineering and Technology](#)
- ▶ [Environmental Journals](#)
- ▶ [Guide to IEEE Standards](#)

The bottom screenshot shows a navigation bar with tabs: Reserves, Find Articles, Find Books, Subject Guides, and Select Websites. Below the tabs, there is a section titled "Books and other items" with a list of links:

Books and other items

- ▶ [Find books and other items at the RIT Libraries](#)
- ▶ [Browse the recent acquisitions of the RIT Libraries](#)
- ▶ [Find books and other items in ConnectNY](#) (takes about 48 hours)
- ▶ [Order books and articles not available at RIT through IDS Express](#) (takes from 1 to 5 days)
- ▶ [Search the catalogs of other area libraries](#)
- ▶ [Search WorldCat](#) (The largest bibliographic database in the world)
- ▶ [Suggest New Library Materials](#)

Here are cropped screenshots of the other tabs. The tabs above the black line are all program, department, or college specific and link to pre-existing librarian-authored web pages on the library web-server that list resources for that discipline. The course shell from which these are taken is an engineering course – so all of the resources shown here are related to engineering.

The application links to pre-existing content. Very little information resides in the application itself. It merely links to existing web pages. As such a librarian who supports a program, department, or college can continue to update and make changes to their pages as they always have without having to be concerned about the “library resources link server.” If a specific bibliographer creates new content for a department or program a link to it can be added to this application with just a few lines of code.

The find books tab -- under the black line -- is the same for all courses and presents links to our catalog, recent acquisitions, our ILL system, our Inn-reach server, an area library catalogs.

Not shown for lack of time: are “custom views” for specific types of patrons including faculty and distance learners with additional links advertising services just for them. We have recently added a special view for courses from RIT’s National Technical Institute for the Deaf -- one of RIT’s eight colleges. It displays two library contacts. A subject specialist librarian and the library’s coordinator for deaf outreach.



Enhancements

- Use ERM Resource Records.
- Special Resources for Graduate Students.
- Integrate with other courseware systems.
- Promote it as a service for professor authored course pages independent of the campus courseware application.
- Make it a database driven application.

Future enhancements include

- Use ERM Resource Records to link directly to Library Databases by pulling info directly from Innovative via the Oracle Interface.
- Include additional special views – perhaps for graduate students
- Integrate with other courseware systems. – Firstclass and IdeaTools.
- Promote it as a service to faculty so they can link to it from any course webpage or web site, especially ones that are independent of the campus courseware application.
- Turn into a database driven application.



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More information:

<http://library.rit.edu/desire2learn/>

- Flash video summary (6 minutes)
- PDF handout
- Screen shots
- Live URLs
- Sample code
- Web accessible recorded presentations

Much more detail about this project is available the URL shown.

-There is a 6 minute flash video summary.

-A PDF handout

-More screen shots

-Live URLs

-Sample Code

-Web accessible presentations with audio.

Jonathan Jiras

Library Technology Specialist

RIT Libraries

Rochester Institute of Technology

Rochester, NY 14623

585-475-7737

jjjwml@rit.edu