

1. Authentication mechanism can rely on whatever is technically possible. Here it is a simple username / password combination.

It could just as well be Shibboleth, CAS, LDAP, or some other single sign on tool.

KEYS (Indiana University)

dlib.indiana.edu/keys

## KEYS (Access Control Service)

### My Groups

[Theater 445 \(Spring 2012\)](#)

[Music 404 \(Spring 2012\)](#)

[FOLK 111 \(Fall 2011\)](#)

**2** [See all](#)

Welcome back **A. User** **1**

#### Latest Activity

**February 10th**  
You have been added to the [Advanced Film Criticism \(Spring 2012\)](#) group. **3**

**January 31st**  
New resources have been added for [Introduction to American Film \(Spring 2012\)](#)

#### Manage my groups

Group	Members	Resources	Updated
Music 583 (Spring 2012)	27	15	February 21st
Music 404 (Spring 2012)	17	21	November 3rd, 2011
<b>4</b> Theater 445 (Spring 2012)	21	5	March 4th
FRIT 125 (Fall 2011)	37	12	December 3rd, 2011
FOLK 111 (Fall 2011)	29	3	November 12th, 2011

1. On all other pages the user information is relocated to a small section of the banner along with the option to log out of the system.

See Amazon or any other site for an example.

2. This is a quick method for getting to the five most recently accessed groups. Assuming that most users of the system are not administrators with complete access this should provide a quick method of navigate.

3. The latest activity stream is an easy way to see what changes have happened since the last log in. This assumes that multiple people have access to groups to add users, edit permissions, and other workflows.

In a single administrator / manager per group this is less useful.

4. Another option for accessing groups but with more information. The title field could be expanded or included if group names are more technical like MUS-456-SP12.

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groups > FRIT 125 (Fall 2011)

### FRIT 125 (Fall 2011)

Owned by N. Structor

Instructor(s) N. Structor and P. Fessor 1  
 Title Studies in French Culture

**Members** Add

User	Added	Role
<a href="#">John Smith</a>	January 10th, 2012	Student
<a href="#">Jane Revert</a>	January 15th, 2012	Graduate Assistant
<a href="#">James</a> TestWhatHappensWithaLongName	January 18th, 2012	Student

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**Resources** Add

Identifier	Added	Access levels
<a href="#">AC42SX</a>	January 10th, 2012	<a href="#">Midterm</a> (students) <a href="#">Unrestricted</a> (graduate assistants)
<a href="#">ZR325W</a>	March 3rd, 2012	<a href="#">Semester</a> (students) <a href="#">Unrestricted</a> (graduate assistants)

1. Additional contextual information could be provided here for subclasses of groups (such as classes)

2. Direct access to be able to manage a persons role within the group. This model assumes that a person will only have one role for a given group.

3. One option is to provide a preview link for access so that content managers can see how a given role will experience a particular resource.

4. A couple of options for managing access include a dropdown that immediately updates or a link to a separate page where group access can be defined.

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groups > FRIT 125 (Fall 2011) > add users

### FRIT 125 (Fall 2011)

#### Local user

To add a user from your local network provide their username. The system will be searched for matches.

1

#### Public user

Users from outside the system can be given limited access to groups through the use of a public URL. Clear all copyright restrictions with your university before continuing.

2

#### Batch upload

Multiple users can be added by uploading a text file containing one account per line ([download example](#)).

3

1. Tie into the local LDAP system or similar network to get credentials. This can be enhanced by providing an autocomplete feature assuming that is technically possible.

2. An alternative is to manually add third party users from outside the community. This should create a special token that can be used to restrict system access to just a specific group.

3. Although student information can be handled by sideloading it into the system there may still be a need for batch uploading. The system should accept a simple format that can be generated from software ranging from Notepad to Microsoft Word.

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groups > FRIT 125 (Fall 2011) > add users

### FRIT 125 (Fall 2011)

Located **Jane Smith** (*smithja*)

Undergraduate  
Email address **smithja@example.edu**

Not the person you were searching for? [Try again.](#)

**Default roles**

<input checked="" type="checkbox"/> Student	<input type="checkbox"/> Researcher
<input type="checkbox"/> Teaching assistant	<input type="checkbox"/> Public <span style="border: 1px solid yellow; border-radius: 50%; padding: 2px 5px;">1</span>
<input type="checkbox"/> Instructor	<input type="checkbox"/> Other

**Overrides**

Resource	Access level
IUB-MUS441-SP12.C	semester
IUB-MUS446-SP12.A	semester <span style="border: 1px solid yellow; border-radius: 50%; padding: 2px 5px;">2</span>
IUB-MUS129-SP12.14F	week2

1. Users can be assigned one or more default roles. The hierarchy of permissions needs to be defined well in case of conflicts.

2. Resources can also be overridden on a case by case basis although compared to the roles this is more time consuming. One idea is to have these be short term exceptions that expire after a certain period of time.

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groups > FRIT 125 (Fall 2011) > resources

### FRIT 125 (Fall 2011)

#### Resource management 2 +

Identifier	Title	Permissions
IUB-2006.B4C	The Diving Bell and the Butterfly	Student / semester Instructor / unlimited
IUB-2009.AFP <span style="background-color: yellow; border-radius: 50%; padding: 2px 5px;">1</span>	The Triplets of Belleville	Student / semester Instructor / unlimited
IUB-2012.ZC5	The Joy of Living	Student / midterm Instructor / unlimited

#### Date ranges +

Name	From	Until
semester	January 10, 2012	May 19, 2012
unlimited <span style="background-color: yellow; border-radius: 50%; padding: 2px 5px;">3</span>	January 10, 2012	Never expires
week2	January 24, 2012	May 19, 2012
midterm	March 1, 2012	March 2, 2012

1. Identifier links to a page that allows you to customize access. This might also be a gateway to manage annotations or other related materials.

2. Access control is managed by group membership. The labels shown could potentially be links to see more information or offer a tooltip that when hovered expands to show the range.

3. The labels are quick ways to create arbitrary ranges. By default a routine set could be included such as *semester* and *finals*. These ranges would be created automatically when the group is created.

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groups > FRIT 125 (Fall 2011) > resources

### FRIT 125 (Fall 2011)

#### Add a known resource

Provide the system identifier for the resource you want to associate with this group.

1

#### Search repository

Enter initial search terms. You will be able to build a collection before returning here to continue.

2

1. For known items provide ease of use. An ideal interface will use some sort of autocomplete mechanism to suggest best matches. Alternatively cut and paste or redirection could also work.

2. Simple discovery might bring up a lightbox with the first set of relevant results. For each provide a basic level of details (title, creators, summary) just so a user can confirm it is the correct selection.

If allowing for personal clip lockers maybe provide direct links to 'favorite' or 'most recent' items to help speed up the process.

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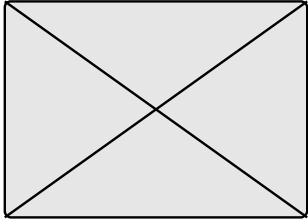
[FOLK 111 \(Fall 2011\)](#)

[See all](#)

groups > FRIT 125 (Fall 2011) > resources

### FRIT 125 (Fall 2011)

#### Resource details


1

<b>Identifier</b>	<b>IUB-2006.4Z</b>
<b>Title</b>	The Diving Bell and the Butterfly <span style="float: right;">2</span>
<b>Description</b>	A French film about the experience of being trapped in one's own body unable to interact with the world.

#### Permissions

Students	Semester ▼	3
Instructors	Unlimited ▼	

1. A still image preview of the current resource.

2. Metadata pulled from the system to help provide a frame of reference. This might change depending on the content, what information available and so but the goal is to make sure it is the correct item.

3. A dropdown for each role affiliated with the course that the user has the rights to change. Superusers are hidden as it is implied they probably have unlimited access to all items.



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



[See all](#)

groups > FRIT 125 (Fall 2011) > resources







### FRIT 125 (Fall 2011)

#### Manage ranges

The following defaults can not be changed.

<i>Semester</i>	<input type="text" value="1/15/2012"/> 	until	<input type="text" value="5/20/2012"/> 	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">1</span>
<i>Unlimited</i>	<input type="text" value="1/1/2012"/> 	until	<input type="text" value="12/31/2014"/> 	

Custom ranges are listed below. [Add a new range](#)

<i>Week 1</i>	<input type="text" value="1/15/2012"/> 	until	<input type="text" value="5/20/2014"/> 	
<i>Midterm</i>	<input type="text" value="3/1/2012"/> 	until	<input type="text" value="3/2/2012"/> 	<span style="border: 1px solid black; border-radius: 50%; padding: 2px 5px;">1</span>
<i>Final</i>	<input type="text" value="5/19/2012"/> 	until	<input type="text" value="5/1/2012"/> 	

1. Sensible defaults should be provided to speed up the process of managing materials in the system. These defaults can be batch loaded or otherwise sideloaded. However if it is done these should be available for all groups.

2. Custom date ranges can be provided for specific instances. These are tied to a group and do not carry over to other groups that the person might have access to manage.