

Groups, More than Just Collaboration

Christopher Smoak

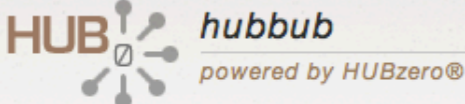
Outline

- * New Design
- * Group Pages
- * New Wiki Macros
- * Group Plugin Changes
- * Group Privacy & Access
- * Improvements to inviting process

hubbub - Group: HUBzero Group

https://hubbub.hubzero.org/groups/hubzero

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1 New Message(s)

[Administrator \(admin\)](#)

[Logout](#) [My Account](#)

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HUBzero Group

About the Group

HUBzero™ is a platform for building powerful Web sites that support scientific discovery, learning, and collaboration. Originally created by researchers at Purdue University in conjunction with the NSF-sponsored Network for Computational Nanotechnology to support nanoHUB.org, it now supports a wide variety of other hubs.

A HUBzero™-powered site presents a polished, organized collection of tools and resources. Under the hood, powerful middleware serves up interactive simulation sessions that display results from the HUBzero™ rendering farm and Grid computing resources.

Group Members [View all members →](#)



Administrator

Group manager

Show Manager Controls ▼

Managers: [Administrator](#)

Members: 1

Discoverability: Visible

Policy: Restricted

Created: 31 Mar. 2011

Tags: development
hubzero

New Group Interface

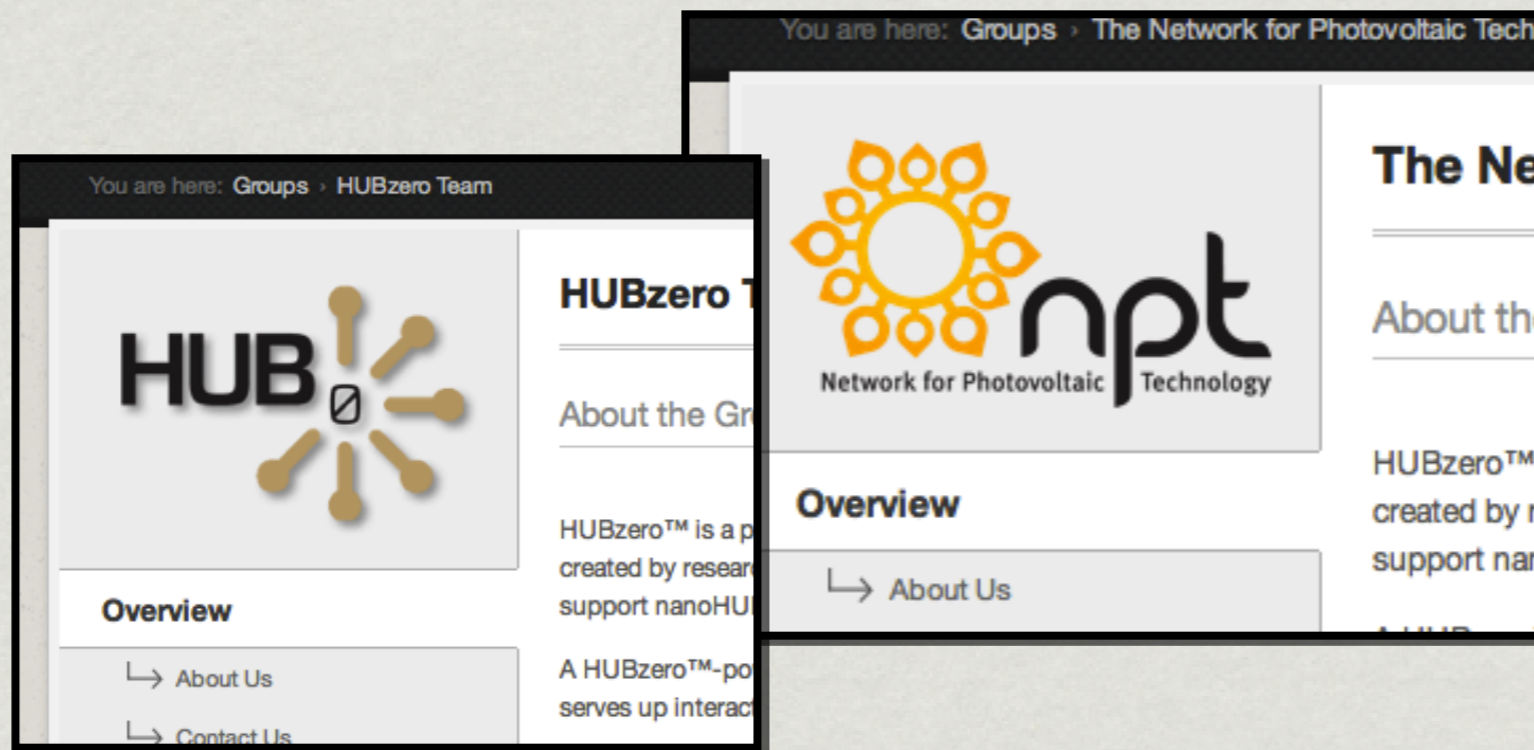
<http://hubbub.hubzero.org/groups/hubzero>

New Design

- * Easier to use user interface (UI)
- * More customization options

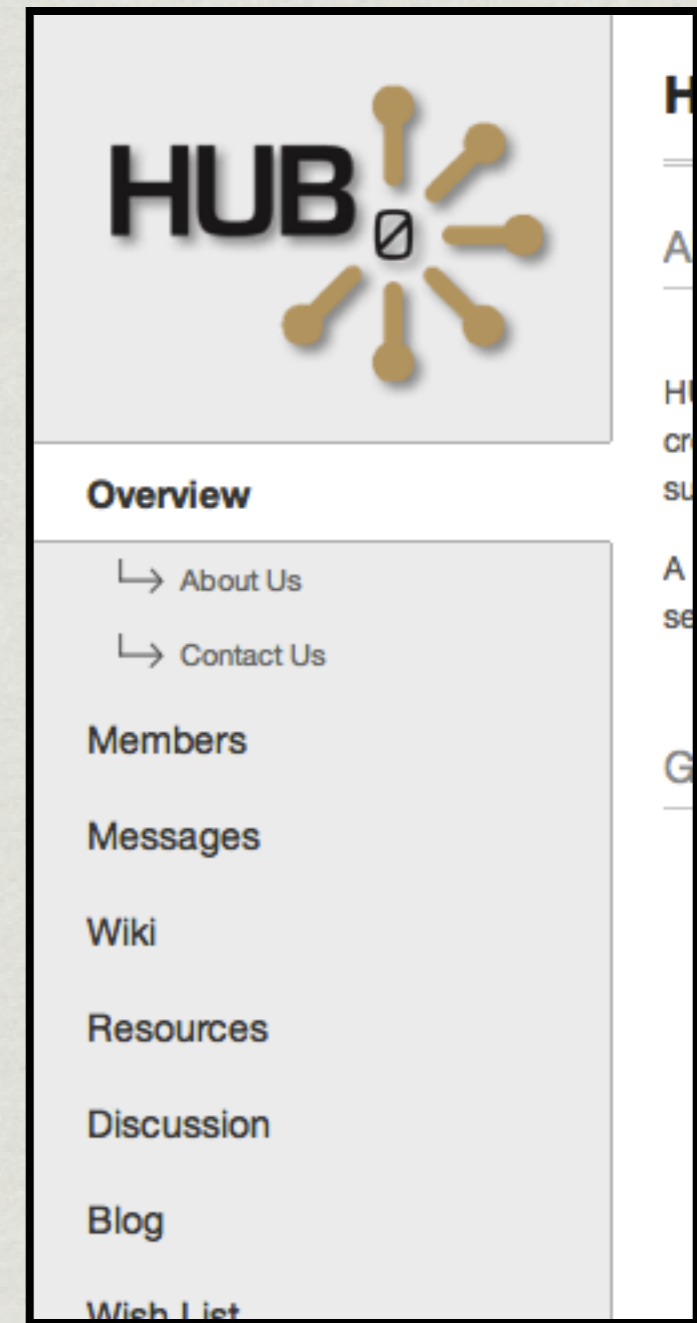
Group Logo

- * Ability to have a group identity
- * Located in the top left corner & links to the group home page



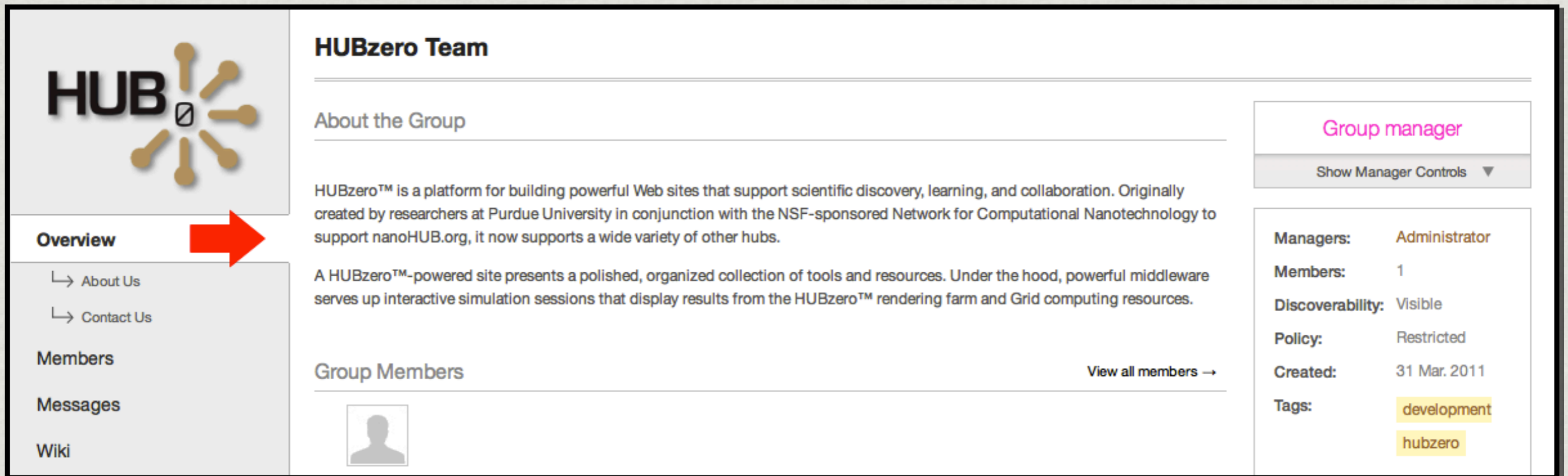
Group Navigation

- * Shifted to the left
- * Vertical menu structure



Group Content

- ✱ Shifted to the right of the menu
- ✱ Creates illusion that active menu item flows into content



The screenshot displays a web interface for a HUBzero group. On the left is a vertical navigation menu with the following items: Overview (highlighted with a red arrow), About Us, Contact Us, Members, Messages, and Wiki. The main content area is titled "HUBzero Team" and contains an "About the Group" section with two paragraphs of text. Below this is a "Group Members" section with a "View all members" link and a placeholder profile picture. On the right side, there is a "Group manager" section with a "Show Manager Controls" dropdown and a table of group details.

Managers:	Administrator
Members:	1
Discoverability:	Visible
Policy:	Restricted
Created:	31 Mar. 2011
Tags:	development hubzero



Group Pages

- * Way to customize the group home page
- * Ability to have additional group content pages
- * Group Pages was born

Group Home Page

- * By default:
 - * Group description
 - * Private for group members
 - * Public for other users
 - * Random selection of members

But now....

the home page can be customized

hubbub - Group: HUBzero Group

https://hubbub.hubzero.org/groups/hubzero

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1 New Message(s)


Administrator (admin)

Search

Logout My Account

Home my HUB Resources Members Explore About Support

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Group Members

[View all members →](#)



Administrator

Group manager

Show Manager Controls ▾

Managers:	Administrator
Members:	1
Discoverability:	Visible
Policy:	Restricted
Created:	31 Mar. 2011
Tags:	development hubzero

Default Group Home Page

hubhub - Group: HUBzero Group

https://hubhub.hubzero.org/groups/hubzero

hubhub - Group: HUBzero Group YouTube - had enough lyrics life...


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1 New Message(s)
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NEWS AND ANNOUNCEMENTS

Web Programmer Position
HUBzero is looking for a talented web programmer to join the team
[Learn More](#)
—March 2011

UPCOMING GROUP EVENTS

nanoHUB Meeting
Apr 05, 2011 @ 1:00pm to 3:00pm
Bi-weekly meeting to discuss news related to nanoHUB.org.

Group manager

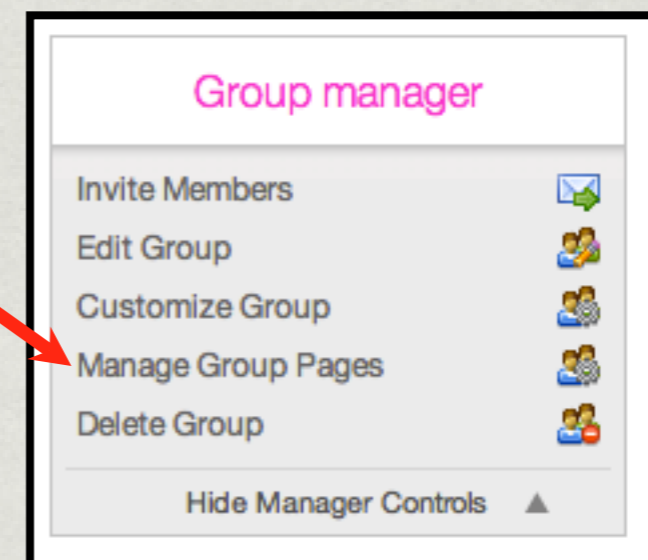
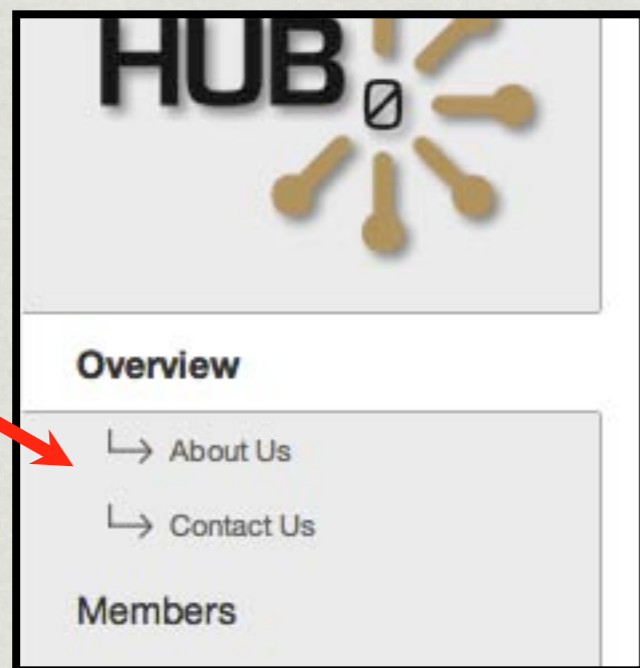
Show Manager Controls ▾

Managers:	Administrator
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Custom Group Home Page

Group Content Pages

- ✦ Additional group content page - No limit
- ✦ Appear in menu under overview tab
- ✦ Added/edited/reordered/previewed through group page interface



Group Modules

- * Smaller content blocks on right side
- * Can be edited through group page interface, same for group pages
- * Defaults to basic information module
- * Customizable
 - * Pre-built modules - Twitter feed, calendar, etc
 - * Custom Module - wiki-syntax

Group Modules

DEFAULT MODULE

Information Module, displaying default information about your group.

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CUSTOM MODULES

Example of a custom group module and a calendar module and a Twitter Module.

Group manager

Show Manager Controls ▾

News

HUBbub 2011
HUBbub 2011 is April 4-6,
Indianapolis IN

April

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

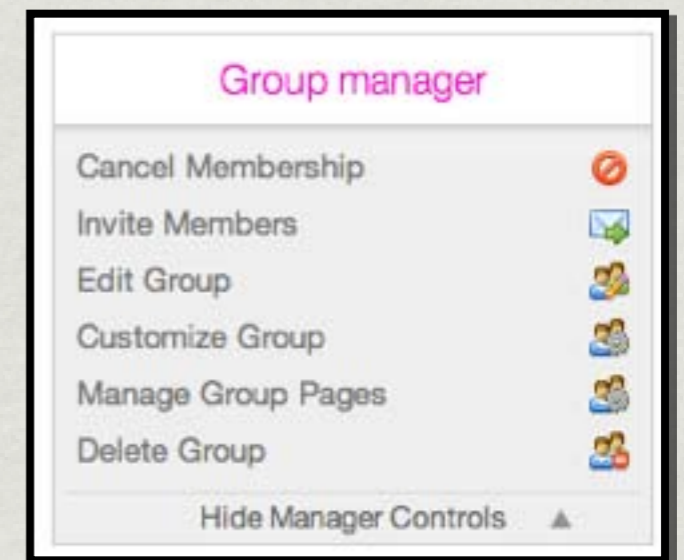
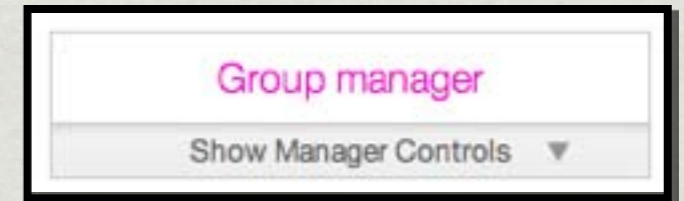
@nanohub 

Starting up the new year with some NanobioPhotonics Posts!!
5:00 PM Jan 19th, 2010

Illinois
MatSE485/Phys466/CSE485 -
Atomic-Scale Simulation
(<http://ls.gd/uSnN>)
2:17 PM Apr 27th, 2009

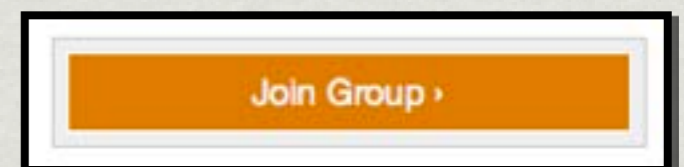
Group Controller

- * Status of user in group
(Group Manager or Group Member)
- * Links to group edit, customize, manage pages, etc



OR

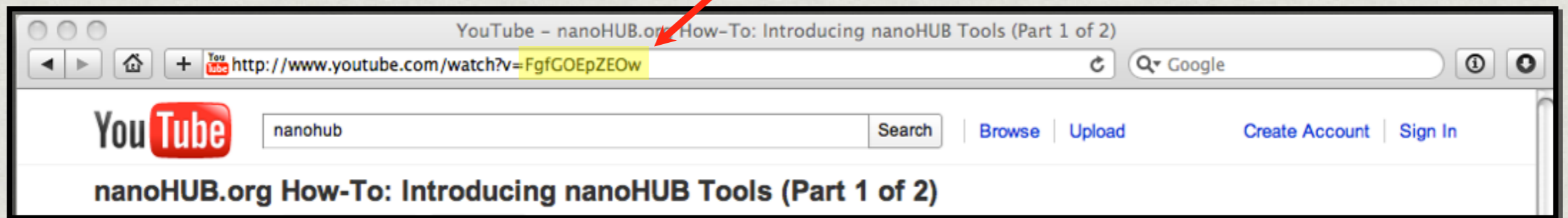
- * Link to join group or request access.





New Wiki Macros

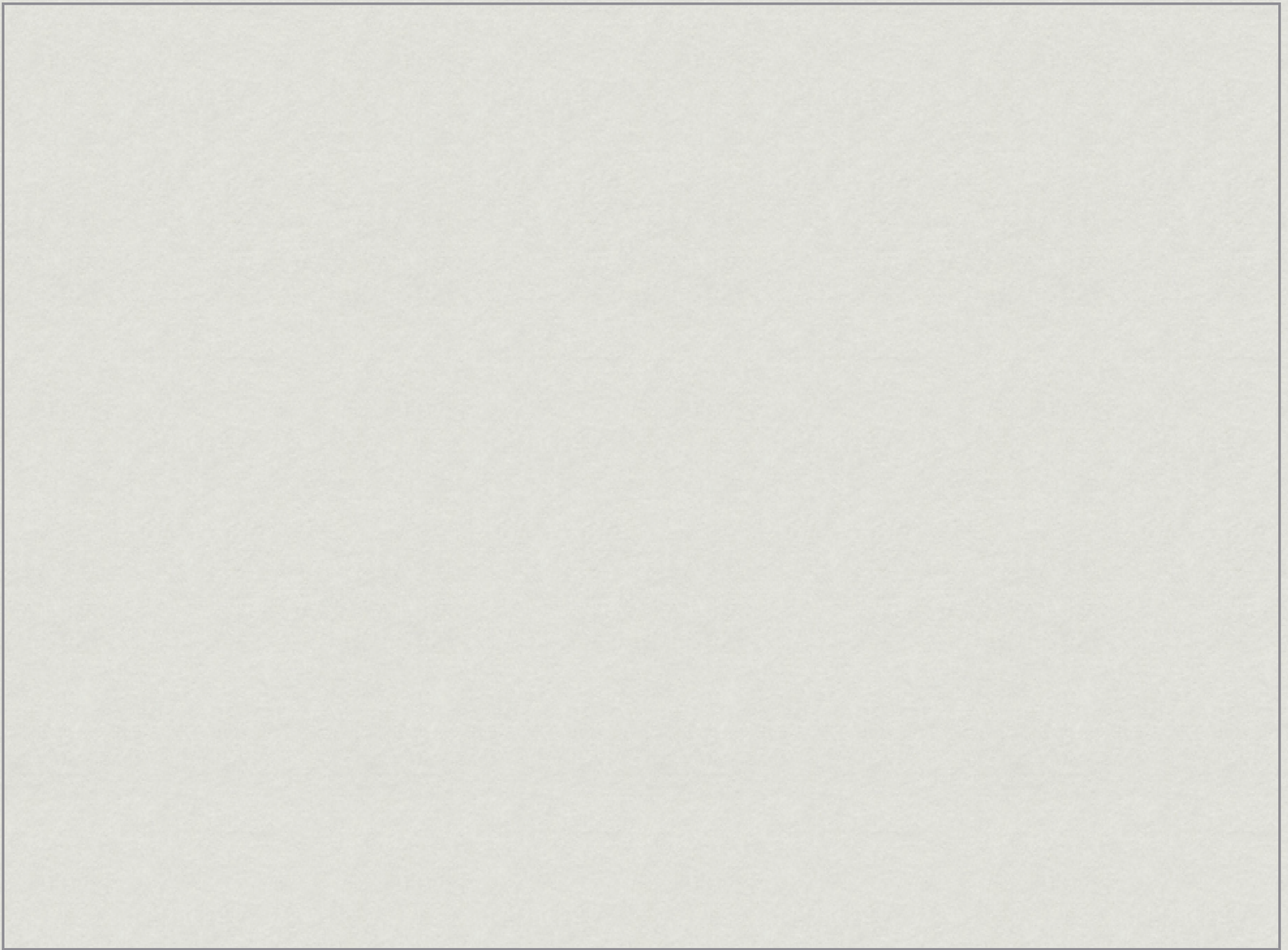
- * Macro for embedding Youtube video
- * Get Video ID from URL



- * `[[Youtube(video ID)]]`

New Wiki Macros

- * Series of group only macros (In Development)
- * Make group pages more dynamic
- * Group Events
 - * Dynamically pulls events from groups calendar
- * New ideas are always welcome!



Group Plugins

- * Each plugin was recently redone
- * Now all have similar styling
- * Plugin controls are all in the same spot
- * Some plugins have new features

Group Members

- * Member roles
 - * Labeling purposes (no permission differences)
 - * Can create any number of roles per group
 - * Assign group members to any role within group
 - * Filter members by role

Group Messaging

- * More options for sending group messages
- * Group manager can message:
 - * Any group member individually
 - * All group members, managers, applicants, or invitees
 - * A member role and anyone assigned to that role

Group Calendar

- * Brand new group plugin
- * Perfect for entering group meeting times, details, and locations
- * Minimal calendar



Group Privacy

- ✱ Discoverability
- ✱ Access

Discoverability

- * How your group is found
- * Can be visible or hidden

	Visible	Hidden
Appears in Browse Mode		
Appears in Search Results		

Access Level

- * Fine tuned control over access to content
- * Can now define access level for each group plugin
- * Access Levels:
 - * Disabled or off
 - * Anyone (hub visitor or guest users)
 - * Registered hub users
 - * Group members


Access Level Example

- * Members plugin access set to **anyone**
 - * **Guest Users** will have access to plugin but has very limited controls
 - * **Group member** will have same controls as guest user
 - * **Group manager** will have full controls

hubbub - Group: HUBzero Group


https://hubbub.hubzero.org/groups/hubzero/members

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Overview

Members

- Messages 
- Wiki 
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- Discussion 
- Blog 
- Wish List 
- Calendar 

HUBzero Group

Members (6)
Managers (2)

Members (6)		
	Michael McLennan Purdue University	
	Alissa Nedossekina Purdue University	
	John Rosheck Purdue University	
	Beth Schroeder Purdue University	
	Christopher Smoak Purdue University	Managers
	Nikki Huang	Managers

Member Roles

Currently there are no member roles.

Members Plugin - Access Level - Anyone

Guest User View

hubbub - Group: HUBzero Group

https://hubbub.hubzero.org/groups/hubzero/members


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1 New Message(s)
Administrator (admin)

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Overview

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
Wish List

Calendar

HUBzero Group

Members (6) | Managers (2) | Pending Requests (0) | Invitees (9)

Members (6)

	<p>Michael McLennan</p> <p>Purdue University</p> <p>Member Roles: Assign Role</p>	<input type="button" value="-"/> <input type="button" value="↑"/> <input type="button" value="✉"/>
	<p>Alissa Nedossekina</p> <p>Purdue University</p> <p>Member Roles: Assign Role</p>	<input type="button" value="-"/> <input type="button" value="↑"/> <input type="button" value="✉"/>
	<p>John Rosheck</p> <p>Purdue University</p> <p>Member Roles: Assign Role</p>	<input type="button" value="-"/> <input type="button" value="↑"/> <input type="button" value="✉"/>
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	<p>Christopher Smoak</p> <p>Purdue University</p> <p>Member Roles: Assign Role</p>	<input type="button" value="Managers"/> <input type="button" value="-"/> <input type="button" value="↓"/>
	<p>Nikki Huang</p>	<input type="button" value="Managers"/> <input type="button" value="-"/> <input type="button" value="↑"/> <input type="button" value="✉"/>

Member Roles

Currently there are no member roles.

Add a Member Role

[Invite Members to Group](#)

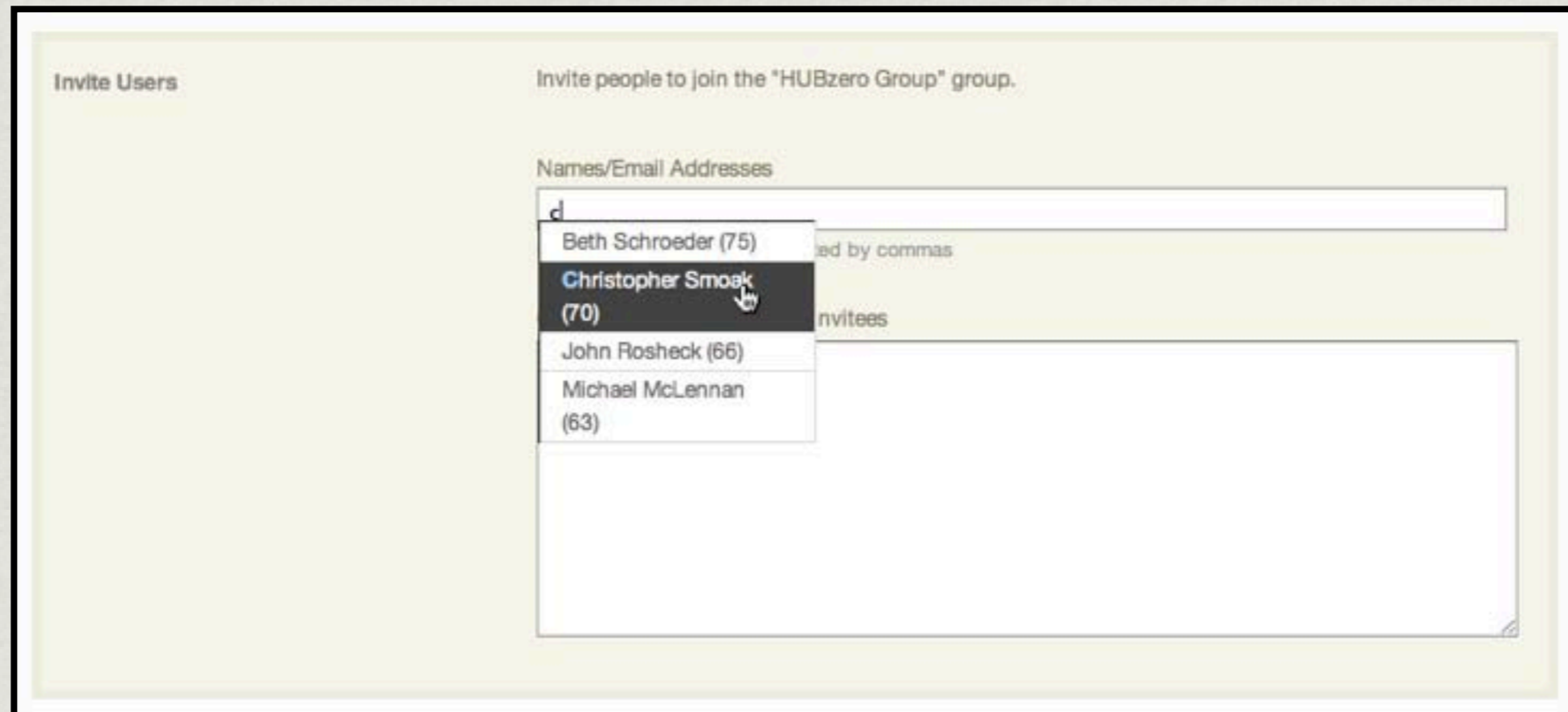
Members Plugin - Access Level - Anyone

Group manager View



Invite Process

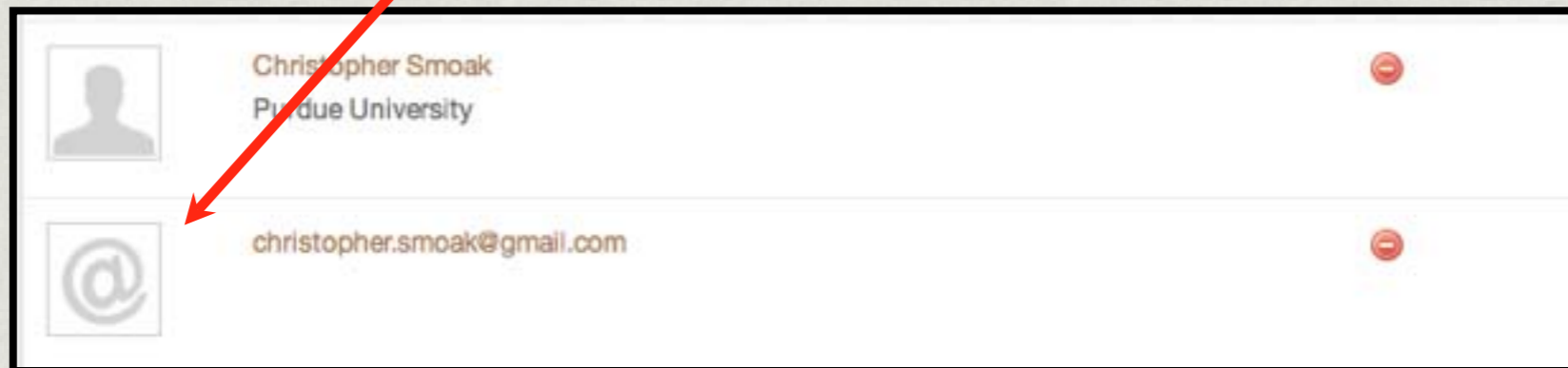
- * Make inviting members easier and more informative
- * Autocompleter for user's name



The screenshot shows a web interface for inviting users to a group. The title is "Invite Users" and the instruction is "Invite people to join the 'HUBzero Group' group." Below this is a text input field labeled "Names/Email Addresses" containing the letter "d". A dropdown menu is open below the input field, listing four names with their corresponding IDs in parentheses: "Beth Schroeder (75)", "Christopher Smoak (70)", "John Rosheck (66)", and "Michael McLennan (63)". The name "Christopher Smoak (70)" is highlighted in a dark grey box, and a mouse cursor is pointing at it. To the right of the dropdown, there is a label "ed by commas" and a label "invitees" above a large empty text area.

Invite Process

- * User box also accepts email addresses
- * Attempt to match email to registered hub account
- * Now we track invitations sent to email addresses
 - * These will be listed under members -> invitees
 - * They are marked with an @:



Invite Process

- * More Informative messages:
 - * Invitations sent and to who
 - * Invitations NOT sent and why

HUBzero Group

✔ Group invites were successfully sent to the following users/email addresses:
- Christopher Smoak
- christopher.smoak@gmail.com

❗ We were unable to send invites to the following entries:
- Administrator → User is already a member.
- someone@asdasc → Entry is not a valid email address or user.

Summary

- * Today I showed a number of new features:
 - * New Design
 - * Group Pages
 - * New wiki macros
 - * Updated group plugins
 - * Fine tuned group privacy control
 - * Improvements to group invite process

Questions??