



THE  
HUMANITARIAN  
FOSS PROJECT

Building Free Open Source Software for Society

# Summer Institute 2009 @ Trinity College

## Collabbit Project

### Weekly Status Update

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Sam DeFabbia-Kane (Wesleyan University)

July 10, 2009

# Collabbit

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- This week's tasks:
  - ACL
  - Styling
  - Security

# Access Control List

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- Users have roles and roles have permissions through privileges
  - A **permission** is the ability to see a page
  - A **privilege** gives a role a permission; it allows them to see the specific page

Permissions		Normal User	Group Chair	Manager	Administrator	Super Administrator
Groups	create	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	update	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	destroy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	show	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	list	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	create	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

# Permissions

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- Security:

**You are not authorized to view that page.**

**Overview** « New York City Office of Emergency Management

## Latest Incidents

[Hurricane Luis](#) (Jul 09, 2009)

[Hurricane James](#) (Jul 09, 2009)

## Newest Users

[Dimitar Gochev](#) (Jul 10, 2009)

[John Smith](#) (Jul 09, 2009)

- Abstraction:

[Overview](#)

[Incidents](#)

[Group Types](#)

[Contacts](#)

Hello, [John](#) ([Log Out](#))

VS.

[Overview](#)

[Contacts](#)

Hello, [Dimitar](#) ([Log Out](#))

# Styling

**nycoem** « collabbit **Overview** [Incidents](#) [Group Types](#) [Contacts](#) Hello, [John](#) ([Log Out](#))

**Overview** « New York City Office of Emergency Management [Edit Instance Settings](#)

**Latest Incidents**

- [Hurricane Luis](#) (Jul 09, 2009)
- [Hurricane James](#) (Jul 09, 2009)

**Newest Users**

- [Dimitar Gochev](#) (Jul 10, 2009)
- [John Smith](#) (Jul 09, 2009)
- [Jane Smith](#) (Jul 09, 2009)
- [Joey Arnold](#) (Jul 09, 2009)

**Latest Updates**

- First Update! YAY (Jul 09, 2009)
- Nevermind! (Jul 09, 2009)
- Cost update (Jul 09, 2009)

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# Security

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- Make sure instances are completely separated:
  - Don't want any kind of data from one instance to be available in another.
  - Any data retrieved from the database must be relevant to the current instance:

```
def show
  @instance = Instance.find(params[:instance_id])
  @user = @instance.users.find(params[:id])
  return with_rejection unless @user.viewable? and @instance.viewable?
end
```

VS.

```
def show
  @instance = Instance.find(params[:instance_id])
  @user = User.find(params[:id])
  return with_rejection unless @user.viewable? and @instance.viewable?
end
```

# Goals

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- Workflow testing
- Bug tracking
- Interface improvements

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# The Humanitarian FOSS Project

[www.hfoss.org](http://www.hfoss.org)



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