

# Summer of Code 2009

*17 Exciting Projects*

WWW.JOOMLA.ORG

**Sam Moffatt**

- **Sam Moffatt**

[ pasamio ]

Development Co-ordinator, Summer of Code Mentor

Joined Joomla! after Summer of Code (SoC) 2005

Has mentored for 2006, 2007, 2008 and 2009 SoC

Toowoomba, Queensland, Australia

Studying Masters of Computing at USQ

Currently employed at USQ as an Analyst Programmer

- Joomla! has been a part of Summer of Code since 2005
- 2008 had 10 successful projects
- 2009 has 17 candidates
- Final evaluation is this weekend!
- Results released next week
- High probability that some completed projects will be in 1.6
- Some very cool projects

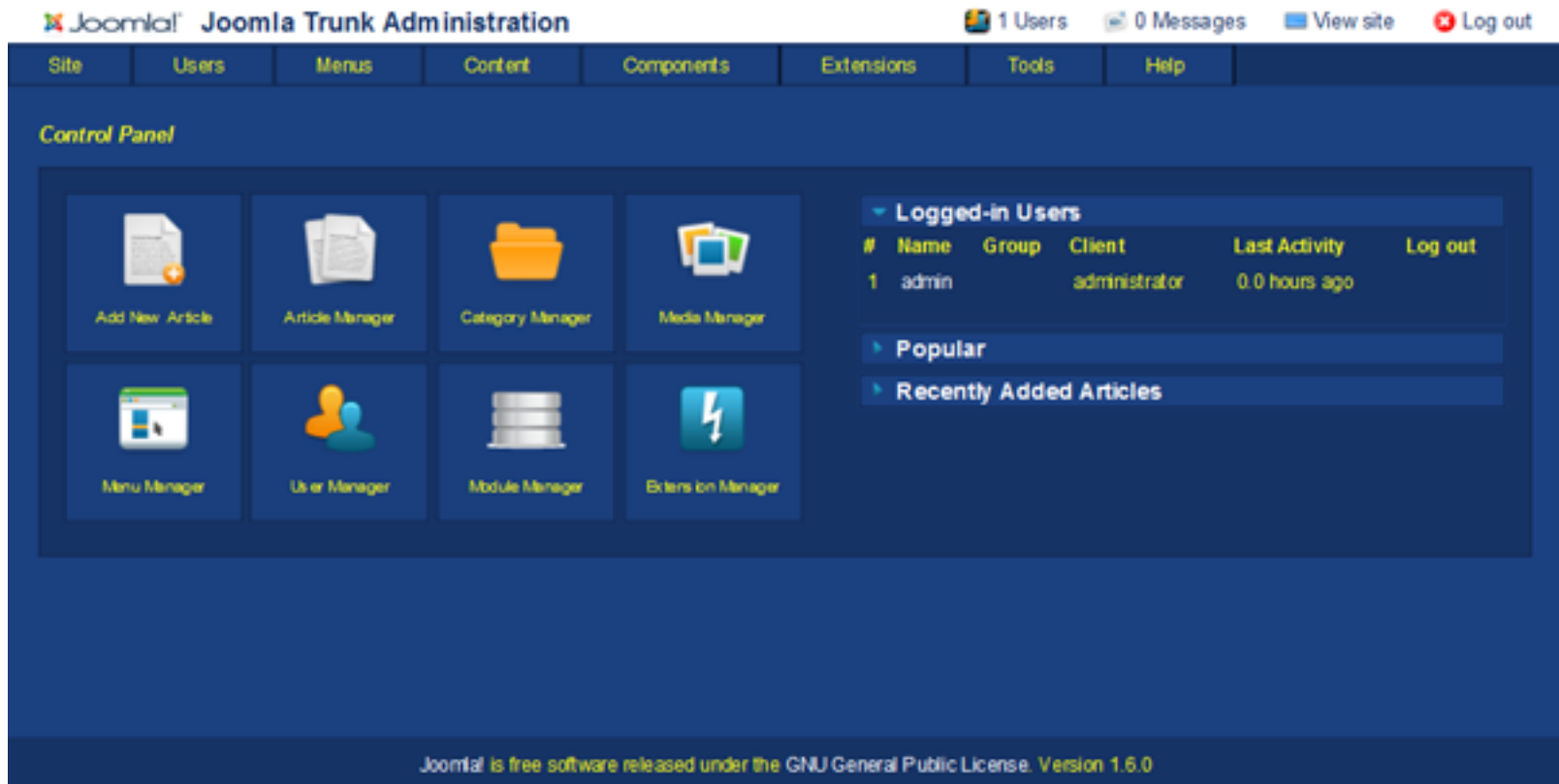
- Accessible Administrator Templates
- JLint
- Enhanced Frontend Editing
- JConnect
- Image Manipulation Library
- Working Copy Project
- Taxonomy
- Advanced Survey Suite
- JDevTools

- LDAP Integration
- Workflow
- Multisite
- CiviCRM
- Desktop Content Manager
- Groups Co-ordination
- Version Control

Check them out online:

<http://community.joomla.org/blogs/community.html>

- Student: Andrea Tarr
- “Hathor” Accessible Administrator Template



The screenshot shows the Joomla! Trunk Administration interface. At the top, it displays the Joomla! logo, the title "Joomla Trunk Administration", and status information: "1 Users", "0 Messages", "View site", and "Log out". Below this is a navigation menu with tabs for Site, Users, Menus, Content, Components, Extensions, Tools, and Help. The main area is titled "Control Panel" and contains several management tools: Add New Article, Article Manager, Category Manager, Media Manager, Menu Manager, User Manager, Module Manager, and Extension Manager. On the right side, there is a "Logged-in Users" section with a table showing one user: admin, administrator, 0.0 hours ago. Below this are sections for "Popular" and "Recently Added Articles". At the bottom, a footer states: "Joomla! is free software released under the GNU General Public License. Version 1.6.0".

#	Name	Group	Client	Last Activity	Log out
1	admin		administrator	0.0 hours ago	

- Student: Anh Nguyen
- Integration between Magento (commerce application) and Joomla
- Provides SSO between the two applications
- Ability to pull in Magento portions and integrate into Joomla
- Ability for Joomla or Magento to handle interaction
- Live demo: <http://jmint.info>

- Student: Ankit Ahuja
- Ability to do inline editing of your site without having to resort to the administrator panel or editing an individual item
  - Edit module titles
  - Drag and drop modules
  - Edit menu names



- Student: Arunoda Susiripala
- JConnect is an API for controlling your Joomla! site and for plugging into other applications
- Permits tasks like interapplication user synchronisation, authentication and SSO
- Features plugins for Elgg

- Student: Daniel Ghilea
- A complete image manipulation API for the Joomla! Framework
- Content plugin for automatically creating images with the following features:
  - resize, flip, rotate, crop with top and left margins images
  - change brightness, contrast, smoothness, colorize
  - apply effects: grayscale, sepia, negative, blur, invert, edgedetect, meanremoval, emboss, dropshadow
  - wm-file, wm-position
  - popup


- Student: Edvard Ananyan
- Goal: Treat your Joomla! site like a Subversion working copy
  - Changes made to a master site can be pushed to a child site.
  - Changes made to a child site can be pushed to the master.
  - Conflicts are resolved on children - master is always consistent.
  - Works for database and files

- Student: Gartheeban Ganeshapillai
- Taxonomy support for Joomla! 1.6 in an extendable manner to support third party developers.
- Built in support for the core extensions set, including content.




- Student: Gergo Erdosi
- A complete and functional Joomla! native survey utility with the ability to create questions, question groups and obviously surveys.
- Responses are stored in the system and permit you to check out the questions and answers.

- Student: Jonas Arnfred
- A set of developer orientated tools to aide development
  - Admin list
  - Easy extension development
  - Easy packaging
  - Friendly code to add rich functionality

- Student: Lalitanand Dandge
- Greater integration between Joomla! and LDAP with user and group mappings




## LDAP User Group

 Publish
 Set Group
 Unset Group

---

Configurations
Templates
Users
Groups
User Groups mapping

 4 Group Set.

Filter:  Go Filter Reset - Select Group - - Select State -

#	<input type="checkbox"/>	Name	Username	Groups	LDAP User
1	<input type="checkbox"/>	Administrator	admin	Administrators	uid=admin,ou=Administrators,dc=joomla,dc=org
2	<input type="checkbox"/>	Lalit Dandge	lalit	Administrators	uid=lalit,ou=Administrators,dc=joomla,dc=org
3	<input type="checkbox"/>	Anand Dandge	anandd	Administrators Teachers	uid=anandd,ou=Administrators,dc=joomla,dc=org uid=anandd,ou=Teachers,dc=joomla,dc=org
4	<input type="checkbox"/>	AddUser	add	Administrators Teachers	uid=add,ou=Administrators,dc=joomla,dc=org uid=add,ou=Teachers,dc=joomla,dc=org

- Student: Mostafa Ibrahim
- Workflow engine for Joomla! content that is also integrated into the new 1.6 ACL system to provide useful features.



- Student: Naveen Gavini
- Ability to create multiple sites drawn from a single Joomla! site.
- Permits per table control of shared or separate data per site.
- Single code base for each site.

- Student: Piotr Szotkowski
- Providing support for multilingual CiviCRM
- Not technically a Joomla! project, but supported by Joomla! and Google, mentored by CiviCRM
- A great example of cross project collaboration alive and well!

- Student: Rahul Verma
- Adobe AIR based desktop application to aide in managing Joomla! sites

- Student: Sunithi Agarwal
- Social networking style groups for Joomla!
- Create, manage and join groups within Joomla!
- Manage groups from the back end and users in the front end can join groups







- Student: Victor Carbune
- Diffing, autosave, front end interface

Administration

---

Site
Users
Menus
Content
Components
Extensions
Tools
Help
1
0 Messages
View site
Log out

## Manage Versions

<b>Current title</b> Cradle Mountain-Lake St Clair National Park	<b>Created by</b> Administrator	<b>Parameters - Article</b>
<b>Current version</b> 5	<b>Category</b> Tasmania	<b>Publish on save content</b> <input checked="" type="radio"/> Use Global <input type="radio"/> Yes <input type="radio"/> No
<b>Published version</b> 1	<b>Created</b> 2009-06-22 11:17:24	<b>Version to be used on article edit</b> <input checked="" type="radio"/> Use Global <input type="radio"/> Published <input type="radio"/> Latest

Find version:  From:  To: 


Filter revisions by:

#	Version	Title	Published	Modified Date	Edited By	Previous Version	
1	<input type="checkbox"/>	5	Cradle Mountain-Lake St Clair National Park	✖	2009-06-02 19:51:12	Administrator	3
2	<input type="checkbox"/>	4	Cradle Mountain-Lake St Clair National Park	✖	2009-06-02 19:51:12	Administrator	1
3	<input type="checkbox"/>	3	Cradle Mountain-Lake St Clair National Park	✖	2009-06-02 19:51:12	Administrator	1
4	<input type="checkbox"/>	2	Cradle Mountain-Lake St Clair National Park	✖	0000-00-00 00:00:00		1
5	<input type="checkbox"/>	1	Cradle Mountain-Lake St Clair National Park	✔	0000-00-00 00:00:00		--

Display #