Joomla!™
...because open source matters

Joomla! 1.6

An update on Joomla! 1.6

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About Me

- **Sam Moffatt**
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  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

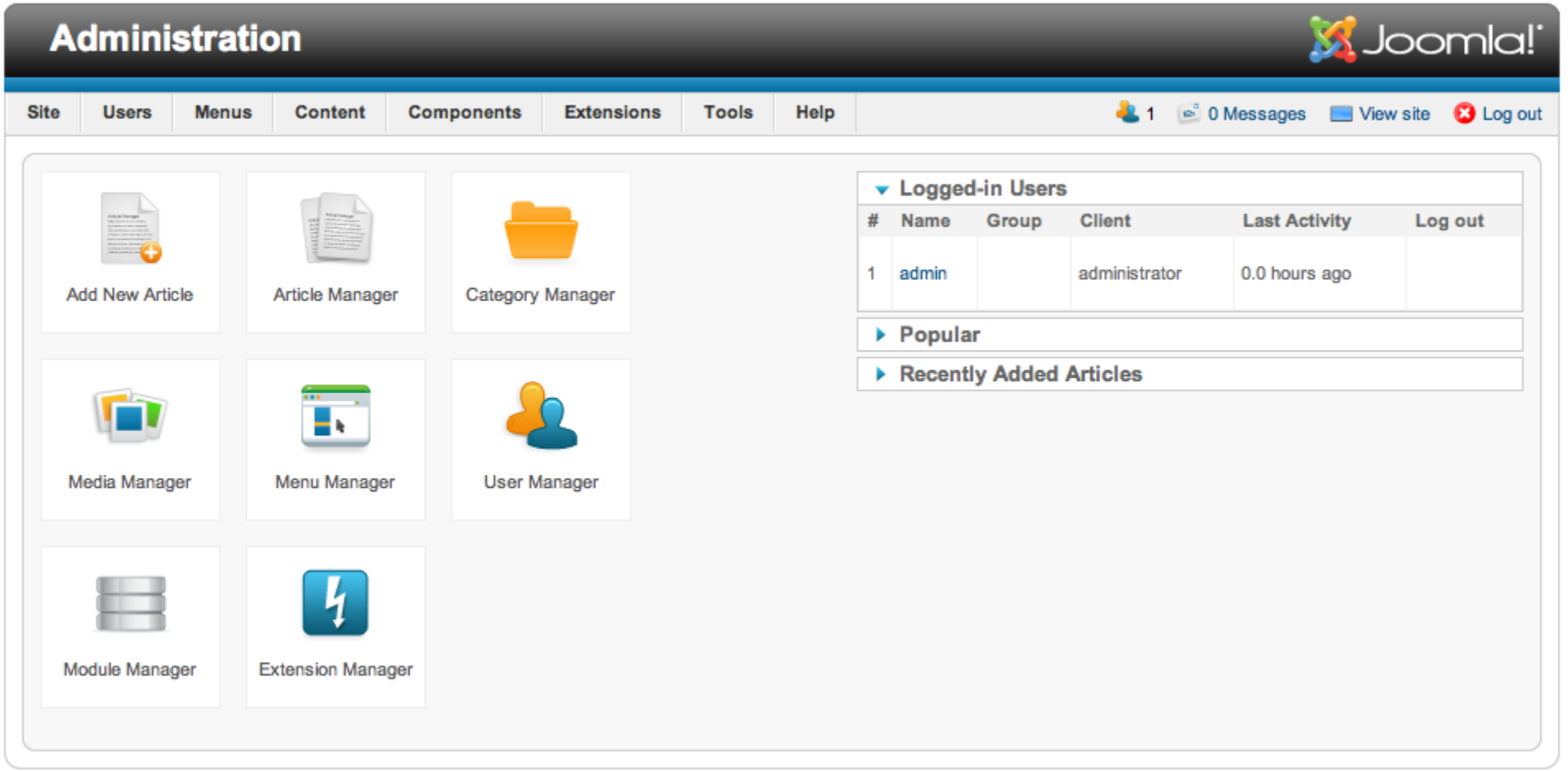
Basic Requirements

- Joomla! 1.6 now requires:
  - PHP 5.2+
  - MySQL 5.0.4+

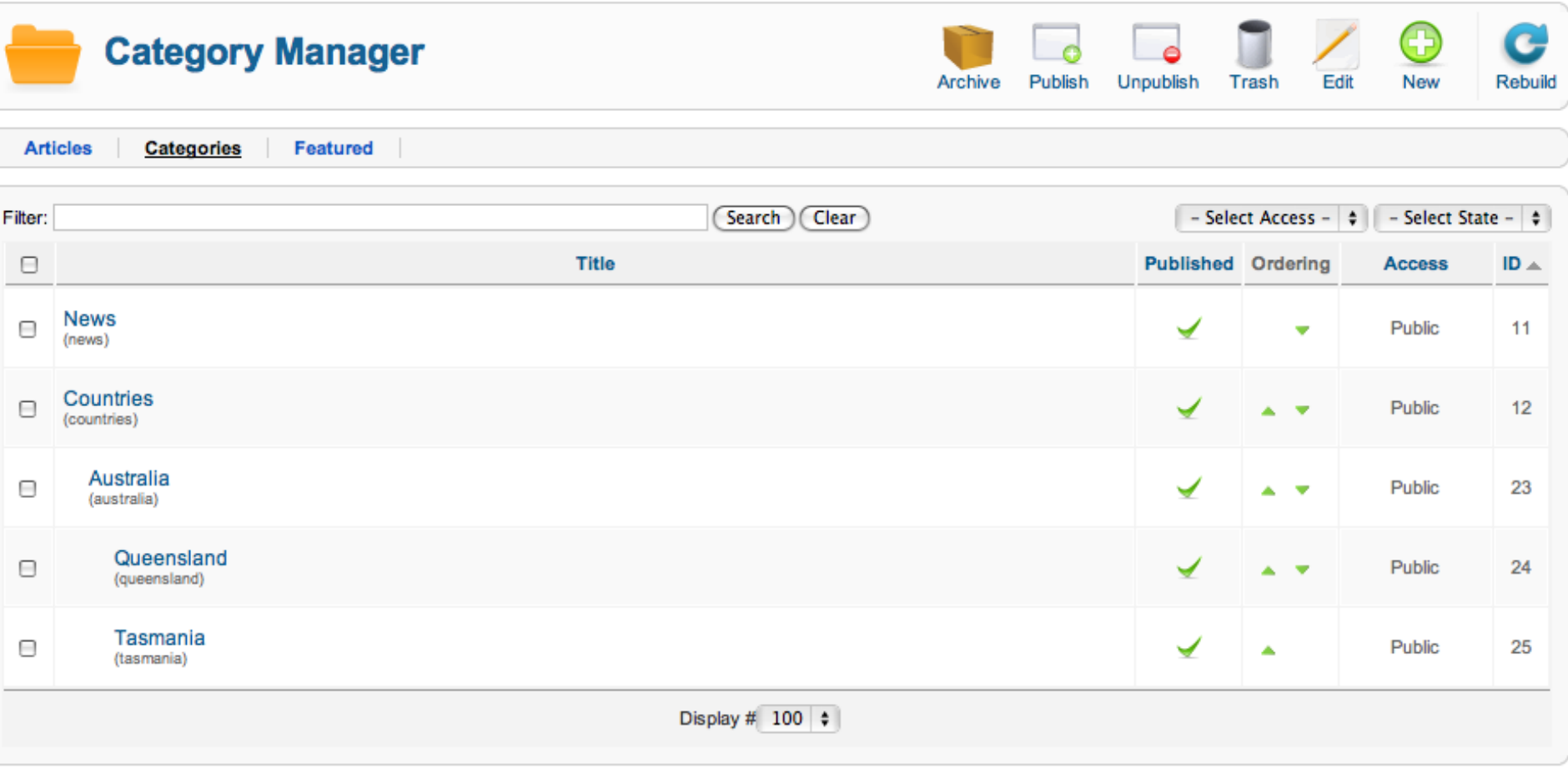
New Features

- UI Redesign
- Nested categories
- ACL and customisable user groups
- Improved Extension Manager
- Redirect Manager
- Integrated Trash
- Featured Items
- Under the hood changes

UI Redesign


Administration
Joomla!
Site
Users
Menus
Content
Components
Extensions
Tools
Help
1
0 Messages
View site
Log out
Add New Article
Article Manager
Category Manager
Media Manager
Menu Manager
User Manager
Module Manager
Extension Manager
Logged-in Users
Name Group Client Last Activity Log out
1 admin administrator 0.0 hours ago
Popular
Recently Added Articles

Nested Categories



ACL

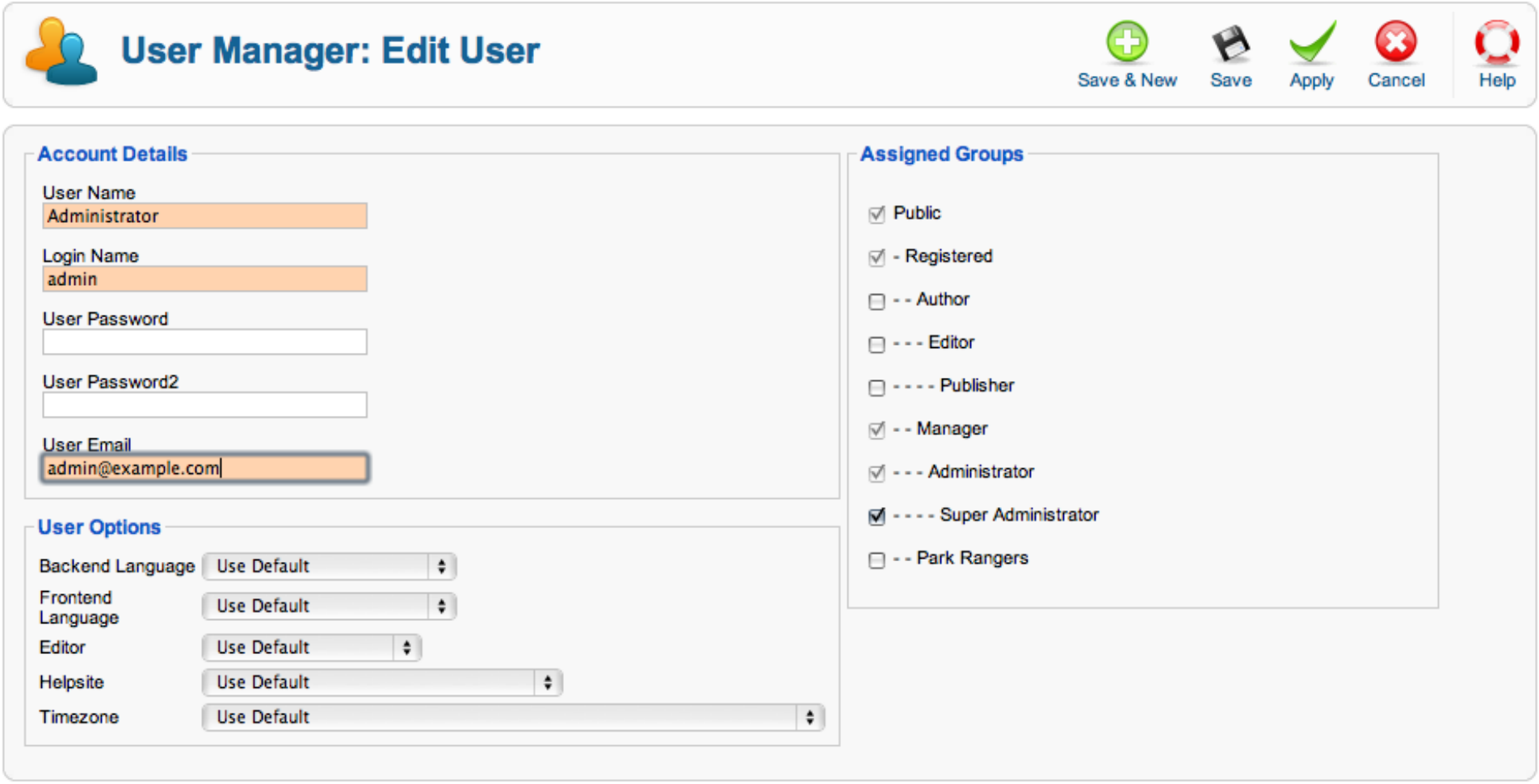
- 1.6 introduces greater ACL support:
- Type 1 rules: What can you do?
  - Controlled by group permissions
- Type 2 rules: What can you do to this item?
  - Controlled by the item
- Type 3 rules: What can I see?
  - Controlled by the access level system

ACL Translation

- Type 1 rules are “roles”
  - Users are assigned to groups
  - Groups are assigned permissions
- Type 2 rules are “discretionary ACLS”
  - Users are assigned permissions on individual items
  - Similar to how Windows works with files
- Type 3 rules are simple view ACLs
  - Levels are assigned to groups
  - Items are assigned levels
  - Users in groups can see items of that level

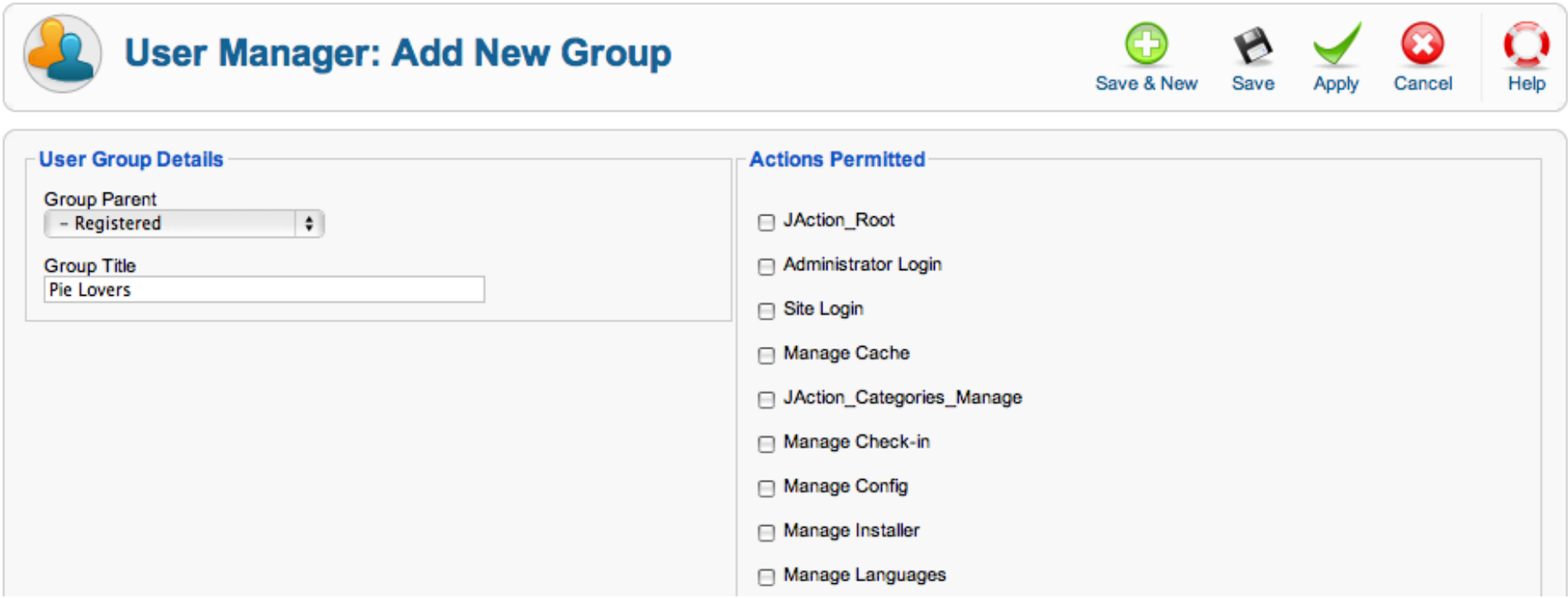
ACL – Group Membership

- Users can now be in more than one group



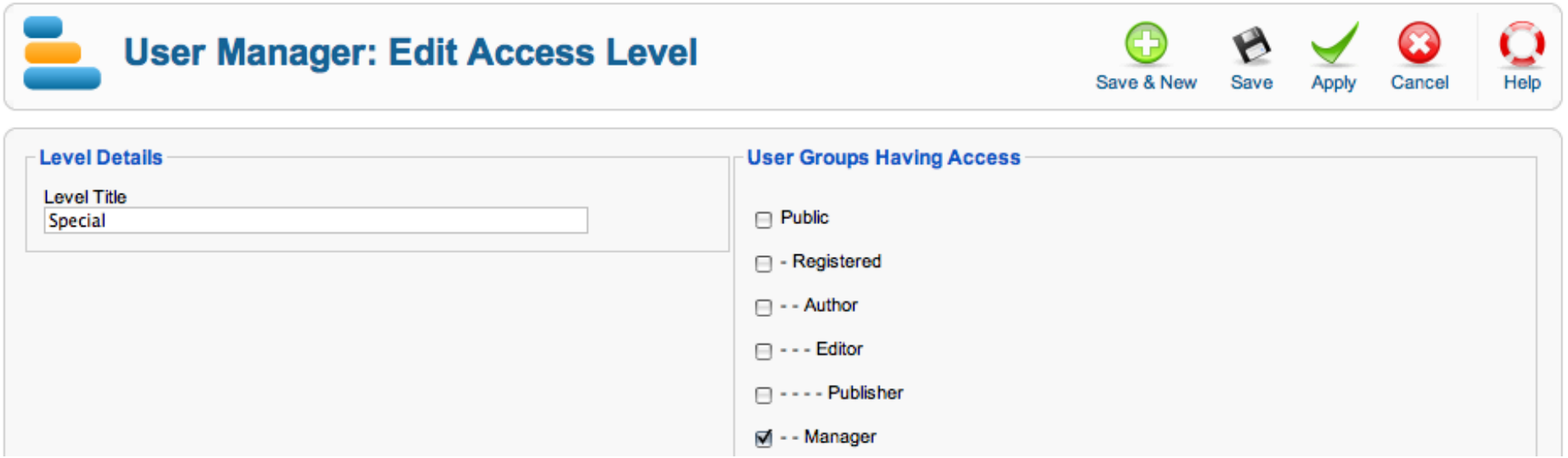
ACL – Group Permissions

- Creating new groups now supported
- You can customise their access control



ACL – Level Permissions

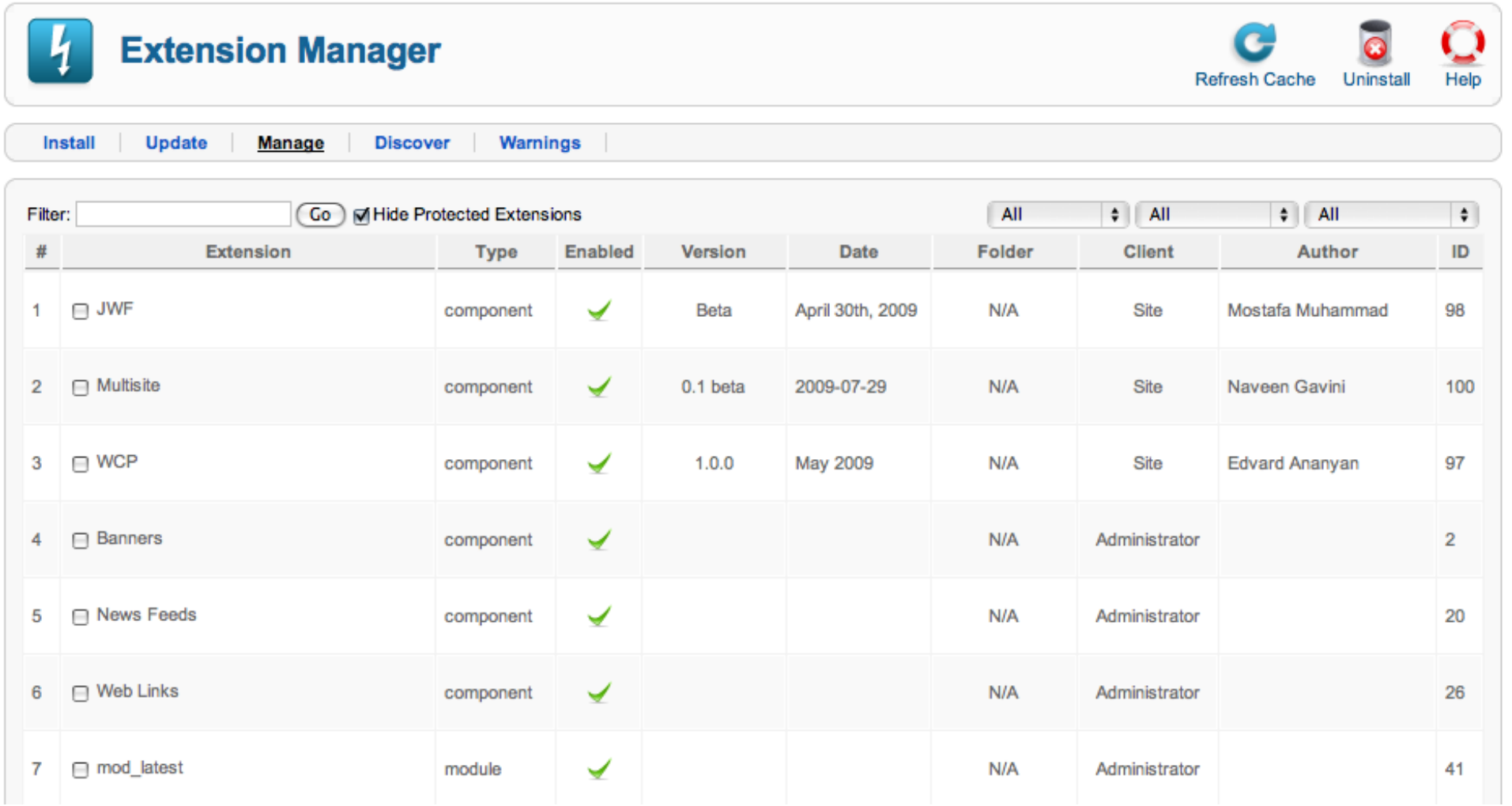
- Levels are assigned to groups
- Users can see items that have been assigned a level which their group is a member of.



Improved Extension Manager

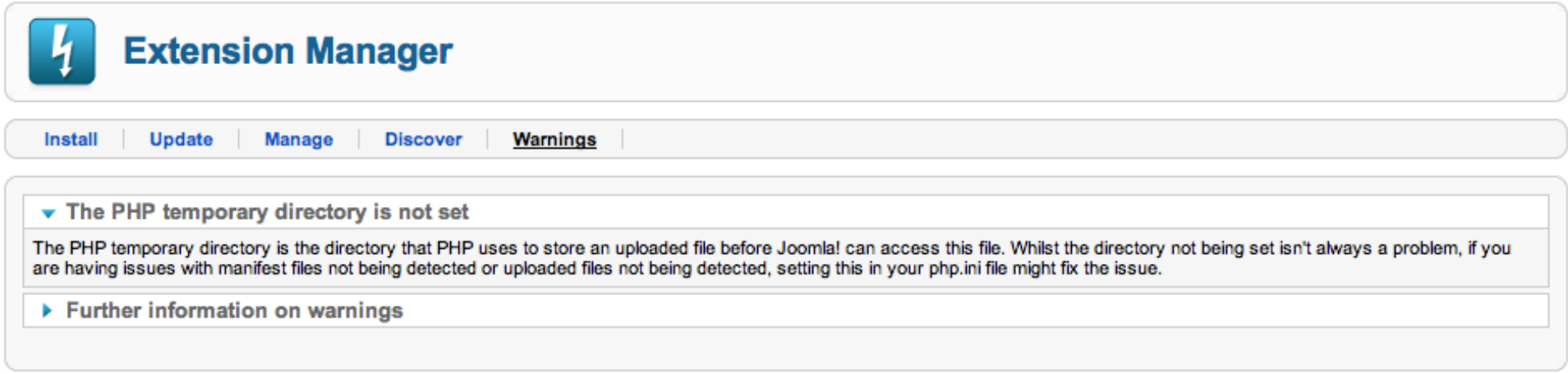
- Single manage screen for uninstalling extensions
- Joomla! wide or extension specific updates
- Ability to upload large extensions and discover them
- Warnings tab for helping you work out problems with your install

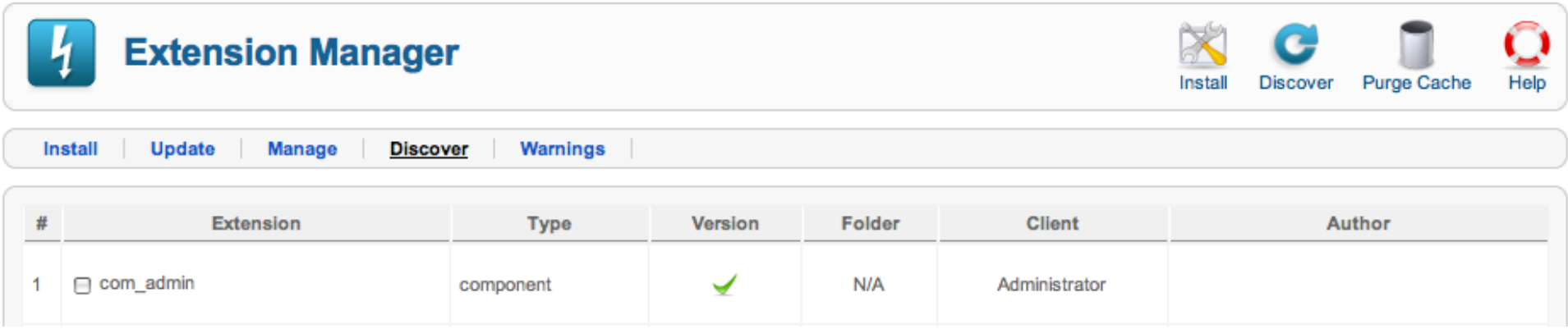
Extension Manager – Manage Screen



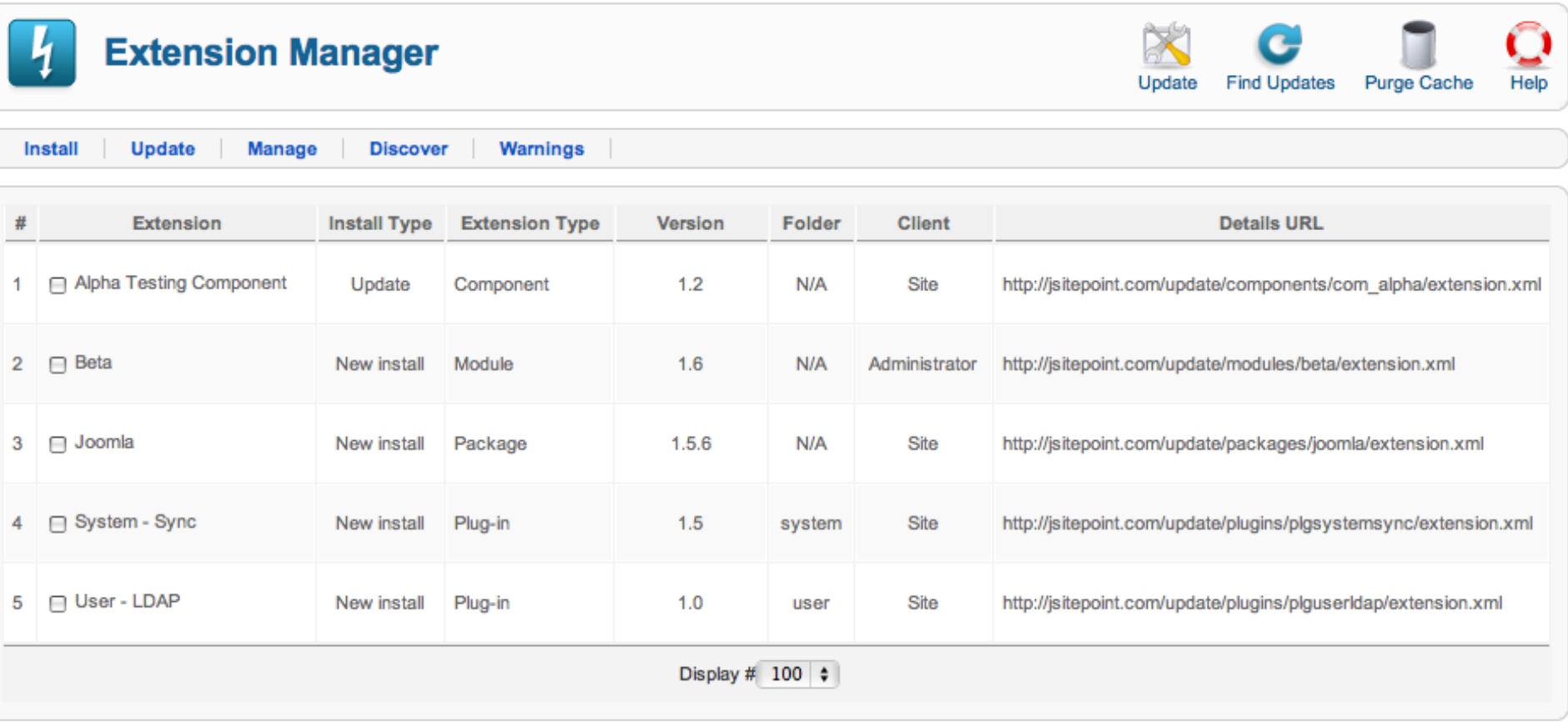
#	Extension	Type	Enabled	Version	Date	Folder	Client	Author	ID
1	JWF	component	✓	Beta	April 30th, 2009	N/A	Site	Mostafa Muhammad	98
2	Multisite	component	✓	0.1 beta	2009-07-29	N/A	Site	Naveen Gavini	100
3	WCP	component	✓	1.0.0	May 2009	N/A	Site	Edvard Ananyan	97
4	Banners	component	✓			N/A	Administrator		2
5	News Feeds	component	✓			N/A	Administrator		20
6	Web Links	component	✓			N/A	Administrator		26
7	mod_latest	module	✓			N/A	Administrator		41

Extension Manager – Discover and Warnings





Extension Manager - Updates

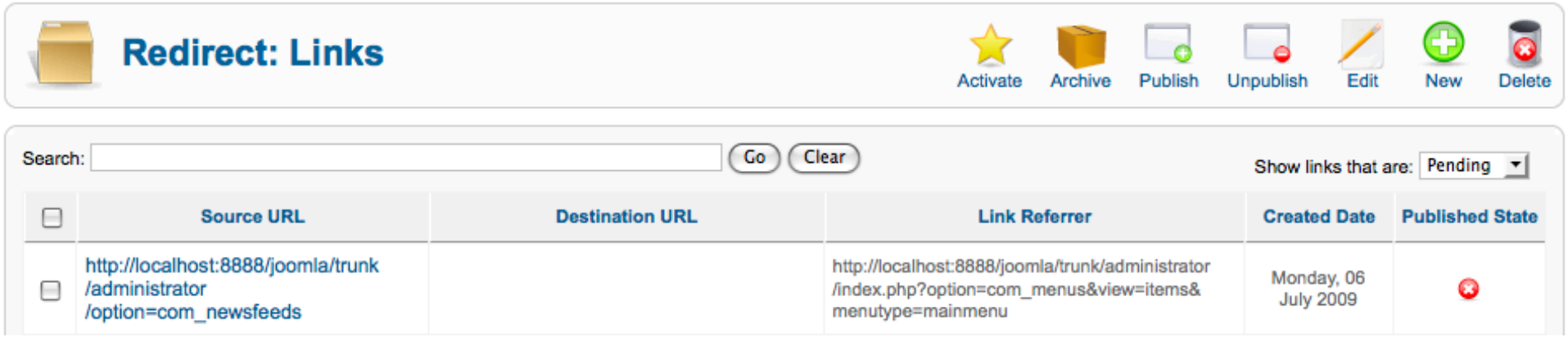


#	Extension	Install Type	Extension Type	Version	Folder	Client	Details URL
1	Alpha Testing Component	Update	Component	1.2	N/A	Site	http://jsitepoint.com/update/components/com_alpha/extension.xml
2	Beta	New install	Module	1.6	N/A	Administrator	http://jsitepoint.com/update/modules/beta/extension.xml
3	Joomla	New install	Package	1.5.6	N/A	Site	http://jsitepoint.com/update/packages/joomla/extension.xml
4	System - Sync	New install	Plug-in	1.5	system	Site	http://jsitepoint.com/update/plugins/plgsystemsync/extension.xml
5	User - LDAP	New install	Plug-in	1.0	user	Site	http://jsitepoint.com/update/plugins/plguserldap/extension.xml

Display # 100

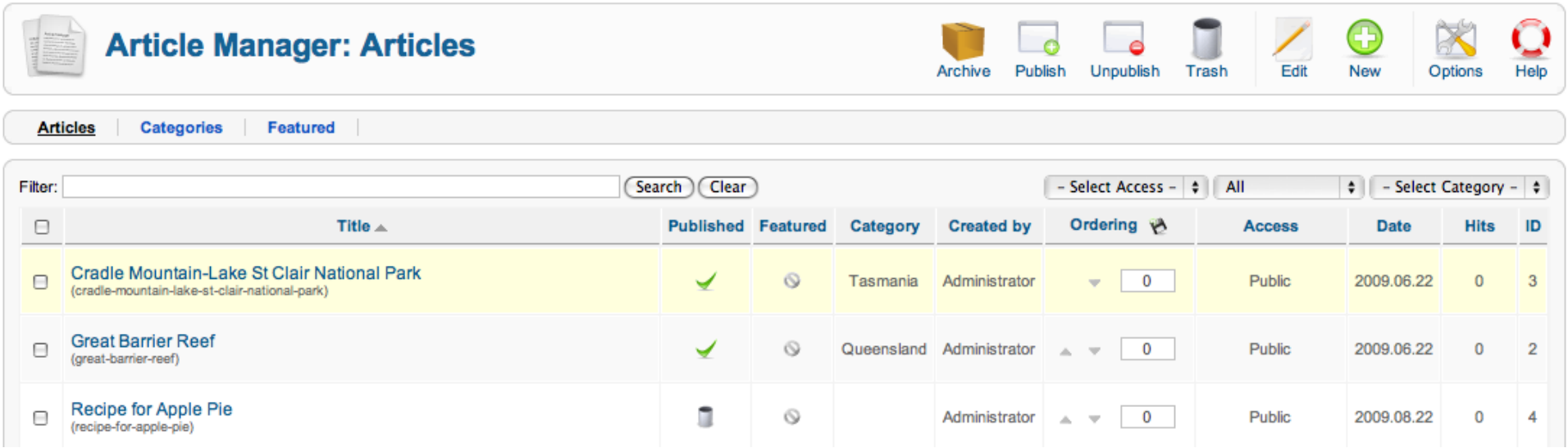
Redirect Manager

- Catches hits to bad links so that you can redirect them



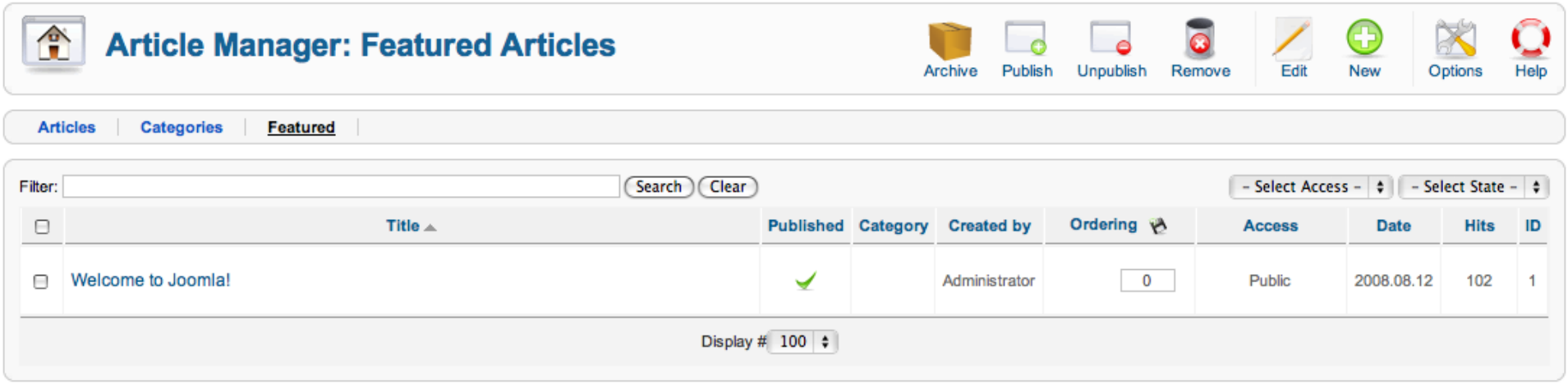
Integrated Trash

- Trash is now just another state



Featured Items

- Replaces front page and provides more power



Under the Hood

- New JForm for customizable forms
- Layout overrides for administrator components
- Improved accessibility for frontend and backend

- This is just a selection of the changes