Joomla! 1.6

An update on Joomla! 1.6

WWW.JOOMLA.ORG

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• Sam Moffatt
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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! 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
### Nested Categories

#### Category Manager

<table>
<thead>
<tr>
<th>Title</th>
<th>Published</th>
<th>Ordering</th>
<th>Access</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>News</td>
<td>✔</td>
<td></td>
<td>Public</td>
<td>11</td>
</tr>
<tr>
<td>Countries</td>
<td>✔</td>
<td>✔</td>
<td>Public</td>
<td>12</td>
</tr>
<tr>
<td>Australia</td>
<td>✔</td>
<td>✔</td>
<td>Public</td>
<td>23</td>
</tr>
<tr>
<td>Queensland</td>
<td>✔</td>
<td>✔</td>
<td>Public</td>
<td>24</td>
</tr>
<tr>
<td>Tasmania</td>
<td>✔</td>
<td></td>
<td>Public</td>
<td>25</td>
</tr>
</tbody>
</table>
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
Users can now be in more than one group
• Creating new groups now supported
• You can customise their access control
• 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

### Table: Extension Manager

<table>
<thead>
<tr>
<th>#</th>
<th>Extension</th>
<th>Type</th>
<th>Enabled</th>
<th>Version</th>
<th>Date</th>
<th>Folder</th>
<th>Client</th>
<th>Author</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>JWF</td>
<td>component</td>
<td>✔️</td>
<td>Beta</td>
<td>April 30th, 2009</td>
<td>N/A</td>
<td>Site</td>
<td>Mostafa Muhammad</td>
<td>98</td>
</tr>
<tr>
<td>2</td>
<td>Multisite</td>
<td>component</td>
<td>✔️</td>
<td>0.1 beta</td>
<td>2009-07-29</td>
<td>N/A</td>
<td>Site</td>
<td>Naveen Gavini</td>
<td>100</td>
</tr>
<tr>
<td>3</td>
<td>WCP</td>
<td>component</td>
<td>✔️</td>
<td>1.0.0</td>
<td>May 2009</td>
<td>N/A</td>
<td>Site</td>
<td>Edvard Ananyan</td>
<td>97</td>
</tr>
<tr>
<td>4</td>
<td>Banners</td>
<td>component</td>
<td>✔️</td>
<td></td>
<td></td>
<td>N/A</td>
<td></td>
<td>Administrator</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>News Feeds</td>
<td>component</td>
<td>✔️</td>
<td></td>
<td></td>
<td>N/A</td>
<td></td>
<td>Administrator</td>
<td>20</td>
</tr>
<tr>
<td>6</td>
<td>Web Links</td>
<td>component</td>
<td>✔️</td>
<td></td>
<td></td>
<td>N/A</td>
<td></td>
<td>Administrator</td>
<td>26</td>
</tr>
<tr>
<td>7</td>
<td>mod_latest</td>
<td>module</td>
<td>✔️</td>
<td></td>
<td></td>
<td>N/A</td>
<td></td>
<td>Administrator</td>
<td>41</td>
</tr>
</tbody>
</table>
The PHP temporary directory is not set

The PHP temporary directory is the directory that PHP uses to store an uploaded file before Joomla! can access this file. Whilst the directory not being set isn’t always a problem, if you are having issues with manifest files not being detected or uploaded files not being detected, setting this in your php.ini file might fix the issue.

Further information on warnings

<table>
<thead>
<tr>
<th>#</th>
<th>Extension</th>
<th>Type</th>
<th>Version</th>
<th>Folder</th>
<th>Client</th>
<th>Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>com_admin</td>
<td>component</td>
<td>✔️</td>
<td>N/A</td>
<td>Administrator</td>
<td></td>
</tr>
</tbody>
</table>
### Extension Manager - Updates

<table>
<thead>
<tr>
<th>#</th>
<th>Extension</th>
<th>Install Type</th>
<th>Extension Type</th>
<th>Version</th>
<th>Folder</th>
<th>Client</th>
<th>Details URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alpha Testing Component</td>
<td>Update</td>
<td>Component</td>
<td>1.2</td>
<td>N/A</td>
<td>Site</td>
<td><a href="http://jsitepoint.com/update/components/com_alpha/extension.xml">http://jsitepoint.com/update/components/com_alpha/extension.xml</a></td>
</tr>
<tr>
<td>2</td>
<td>Beta</td>
<td>New install</td>
<td>Module</td>
<td>1.6</td>
<td>N/A</td>
<td>Administrator</td>
<td><a href="http://jsitepoint.com/update/modules/beta/extension.xml">http://jsitepoint.com/update/modules/beta/extension.xml</a></td>
</tr>
<tr>
<td>3</td>
<td>Joomla</td>
<td>New install</td>
<td>Package</td>
<td>1.5.6</td>
<td>N/A</td>
<td>Site</td>
<td><a href="http://jsitepoint.com/update/packages/joomla/extension.xml">http://jsitepoint.com/update/packages/joomla/extension.xml</a></td>
</tr>
<tr>
<td>4</td>
<td>System - Sync</td>
<td>New install</td>
<td>Plug-in</td>
<td>1.5</td>
<td>system</td>
<td>Site</td>
<td><a href="http://jsitepoint.com/update/plugins/plgsystemsync/extension.xml">http://jsitepoint.com/update/plugins/plgsystemsync/extension.xml</a></td>
</tr>
<tr>
<td>5</td>
<td>User - LDAP</td>
<td>New install</td>
<td>Plug-in</td>
<td>1.0</td>
<td>user</td>
<td>Site</td>
<td><a href="http://jsitepoint.com/update/plugins/plguserldap/extension.xml">http://jsitepoint.com/update/plugins/plguserldap/extension.xml</a></td>
</tr>
</tbody>
</table>
• Catches hits to bad links so that you can redirect them
- Trash is now just another state
• Replaces front page and provides more power
• New JForm for customizable forms
• Layout overrides for administrator components
• Improved accessibility for frontend and backend

• This is just a selection of the changes