

# Joomla! Updates

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Northern Virginia Joomla Users Group

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# Agenda

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- ❑ Joomla! Updates
- ❑ Upcoming JUG Meetings
- ❑ Dwayne Grimes – Upgrades and content transfer
- ❑ Topics for Future - Discussion

# Joomla! Updates

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## ❑ Joomla! 3.9.3 Release – Feb. 12, 2019

- Fixes 6 low priority security vulnerabilities affecting Joomla! 2.5.0 thru 3.9.2
- Over 30 bug fixes and improvements
- <https://www.joomla.org/announcements/release-news/5756-joomla-3-9-3-release.html>

## ❑ One of the fixes is “Browserside mime-type sniffing causes XSS attack vectors (affecting Joomla 1.0.0 through 3.9.2)”

- This is there for a new installation, but not for an upgrade
- You need to turn on “nosniff” in your .htaccess

.htaccess:

```
81  ## Mod_rewrite in use.
82
83  |
84  <IfModule mod_headers.c>
85  Header always set X-Content-Type-Options "nosniff"
86  </IfModule>
87
88  RewriteEngine On
89
```

Windows: web-config.txt:

```
    </rules>
  </rewrite>
  |
  <httpProtocol>
  <customHeaders>
  <add name="X-Content-Type-Options" value="nosniff" />
  </customHeaders>
</httpProtocol>
```

# Keeping your Joomla Website up-to-date



- ❑ Too many websites are not using the currently supported release of 3.9.2 – See Joomla.org announcements for details
  - As of release 3.5 Joomla collects stats data
  - Assuming stats plugin is enabled
- ❑ “Pretty alarming statistics, and should not be ignored!”
  - Back up first!
  - Update Joomla!, outdated extensions, and PHP too!
- ❑ <https://www.youtube.com/watch?v=rdaV4T-hm4Y>

# Upcoming Joomla! Releases

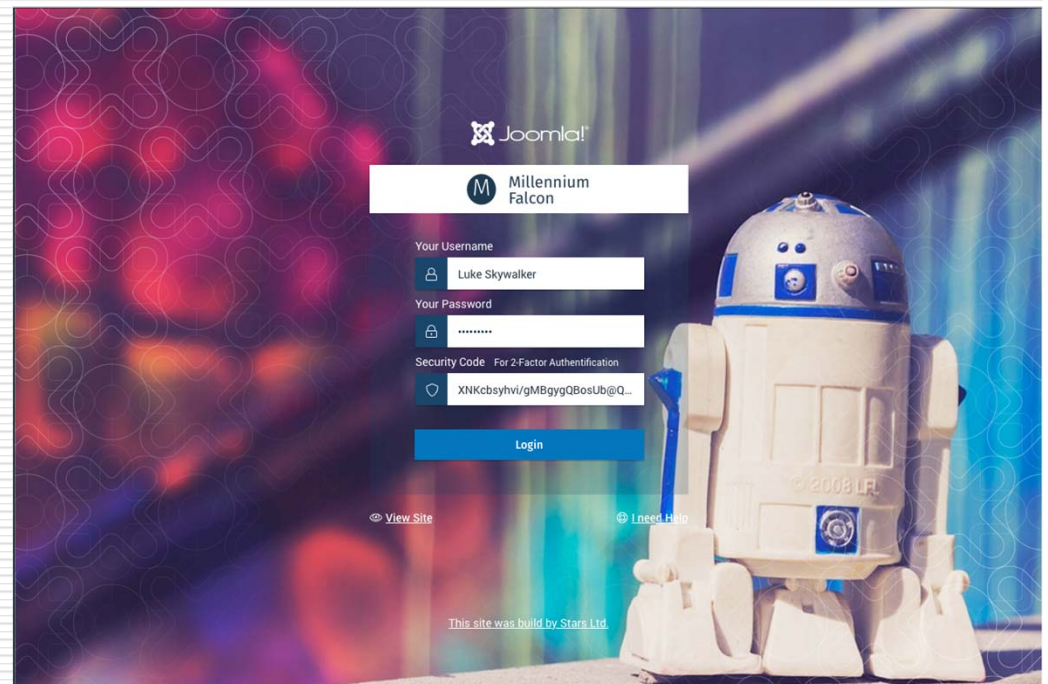


- Joomla! 3.10 – last of Joomla! 3.x Series – late 2019
  - API changes prior to Joomla! 4.0
  - Will be supported for 2 years after release
- Joomla! 4.0 – late 2019
  - Current version is Alpha 6
  - Only changes up to 3.8.8 have been merged, not 3.9.x; need those done for Beta release
  - Requires PHP 7
  - Many updates – see next page

# Major Release – Joomla! 4.0

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- ❑ Numerous Improvements
  - New Media Manager
  - Publishing Workflow
  - Restructured backend
    - ❑ Accessibility
    - ❑ New Menu Logic
    - ❑ New Dashboard
    - ❑ Customized Columns
  - Web Services
  - Prepared SQL Statements
- ❑ Schedule
  - Alpha 6 is out
  - Stable due in 2019



# Joomla! 4.x Workflow

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- ❑ Great way to help users manage content
  - Can be supported for different components / extensions
  - Needs `com_workflow` enabled in Extension manager
- ❑ Joomla 3.x *states*:
  - Unpublished / published / trashed / archived
- ❑ Joomla 4.x *states*:
  - In addition to existing states, you can create customized states and group them in categories
  - Use existing user groups, or create new ones to support your desired workflow

# Workflow (1)

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- See: [https://docs.joomla.org/Publishing\\_Workflow/Scenarios](https://docs.joomla.org/Publishing_Workflow/Scenarios)
- Plan:
  - What actions will be needed in a workflow?
  - Will groups need to receive notifications?
  - Do they do their actions from the frontend, backend, or both?
  - Which categories have each workflow?
  - E.g., Group 1 adds posts but cannot publish them; Group 2 approves and publishes them
- Create user groups:
  - Users -> Groups -> New
    - Group Title: Blog Posers; Group Parent: Registered
    - Group Title: Blog Approvers; Group Parent: Registered
    - Save / Close
  - Assign users to these groups; set "Receive System Emails" to yes if desired
- Create Workflow
  - Content -> Workflows -> New
    - Enter Title: Blog Workflow
- Create State(s) of the Workflow
  - Workflows -> Manage
    - Change default state's Title of "Published" to "Publish new blog post"
    - Create new state with Title of "New blog post, unpublished"; change its condition to Unpublished



# Workflow (2)

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## Create Transition

- Go to Transitions (in sidebar or Workflow list view), New
  - Add title: Approve / Publish
  - Set From state to "New blog post, unpublished" and To state to "Publish new blog post" and save
  - Set permissions of this transition: User Group: Blog Approvers
  - Set Action Execute transition to Allowed (from Select New Setting drop-down); save and close

## Assign Workflow and User Group Permissions to the Category

- Content -> Categories
- Access the Blog category and click the Workflow tab; select Blog Workflow
- Click the Permissions tab
  - Click on the Blog Poster user group
  - For the Action Create and Edit, select new setting of Allowed
  - Click on the Blog Approvers user group
  - For the Action Delete, Edit, Edit State and Edit Own, select new setting to Allowed

## Set up Notifications, if desired

- Extensions → Plugins
- Go to Content – Joomla and toggle Yes for Email on Transition Execution
- Make sure users are set to Receive System Emails

## If Posting and Approval from the frontend is desired:

- Set up appropriate login, menu items

## Test it all with test users in the appropriate groups!!

# Upcoming NOVA JUG Events

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- ❑ Monday, March 25, 2019: Kings Park
- ❑ Monday, April 22, 2019: Kings Park

Topics? ...

# Other Joomla! Events

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- Joomla users Group of NJ - <https://joomlausersnj.com/>
  - Recently, had Steve Burge give an overview of Joomla! 3.9.
  - Video:  
[https://www.freeconferencecall.com/wall/recorded\\_audio?audioRecordingUrl=https%3A%2F%2Frs0000.freeconferencecall.com%2Fstorage%2FsggetFCC2%2FHbk37%2FaRWpZ&subscriptionId=6048440](https://www.freeconferencecall.com/wall/recorded_audio?audioRecordingUrl=https%3A%2F%2Frs0000.freeconferencecall.com%2Fstorage%2FsggetFCC2%2FHbk37%2FaRWpZ&subscriptionId=6048440)
  - Wright Framework:  
<https://wright.joomlashack.com/training>
- JUG Chicago North (JUGCN) – [joomlachicagonorth.com](http://joomlachicagonorth.com)
  - March 13, 11:00 AM, MyJoomla.com  
*MyJoomla has been a go-to for fixing hacked sites for years. It is a subscription service that offers so much more.*
  - April 10, 2019, 11:00 AM, SP Page Builder – online only
  - May 8, 2019, 11:00 AM, Droptables vs. Shacksheets

# Upcoming JoomlaDays

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- ❑ Florida: Tampa, FL Feb. 22-24, 2019 <https://joomladayflorida.com/>  
**The Premier North American Joomla Event –You Missed It!**
- ❑ France: March 8, 2019
- ❑ Greece: March 16, 2019
- ❑ Israel: March 27, 2019
- ❑ Austria: March 29-30, 2019, Vienna <https://joomladay.at/de/aktuell/69-joomladay-programm-2019>  
3 tracks, 2 days, at least 20 lectures and 3 workshops:
  - "Git" am Freitag vormittag
  - "J4 Komponenten Upgrade" am Freitag nachmittag und
  - "SEO" am Samstag vormittag
- ❑ **New York City: JoomlaCamp NYC: April 7, 2019**
  - Sponsored by the Joomla User Groups of the Tri-State Area: [JoomlaUsersNYC.org](http://JoomlaUsersNYC.org), [JoomlaUsersNJ.com](http://JoomlaUsersNJ.com), Joomla Users Group of Long Island, Joomla Users Group of CT
  - **A variety of workshops; located at Microsoft, 677 5<sup>th</sup> Avenue, NY**
- ❑ Australia: August 30, 2019
- ❑ Chicago: October 2019

# Topic List from Chicago North JUG Plus Others

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- Securing Your Joomla Site
- Quick Site Builds
- CRM: Jinbound
- CRM for Non-profits: CiviCRM
- Framework: Gantry
- Framework: Helix
- Framework: T3
- eCommerce: J2Store
- Marketing Automation
- EasyArticles
- Multilingual Sites
- EasyBlog
- Tools your Joomla Agency Needs

# Security Tidbits for the Day

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## February tidbits:

- Edit .htaccess to turn on “nosniff”

## January tidbits:

### ■ Turn on User Logging

- Set it to email you if someone logs into the backend and takes certain actions

### ■ Turn on 2-factor authentication

- Avoid brute forcing of your password

# Bruce's test site

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- ❑ [J4.scherzinger.org](http://J4.scherzinger.org)
  - ❑ Joomla! 4.0.0-alpha6 Alpha [ Amani ]  
27-December-2018 17:58 GMT
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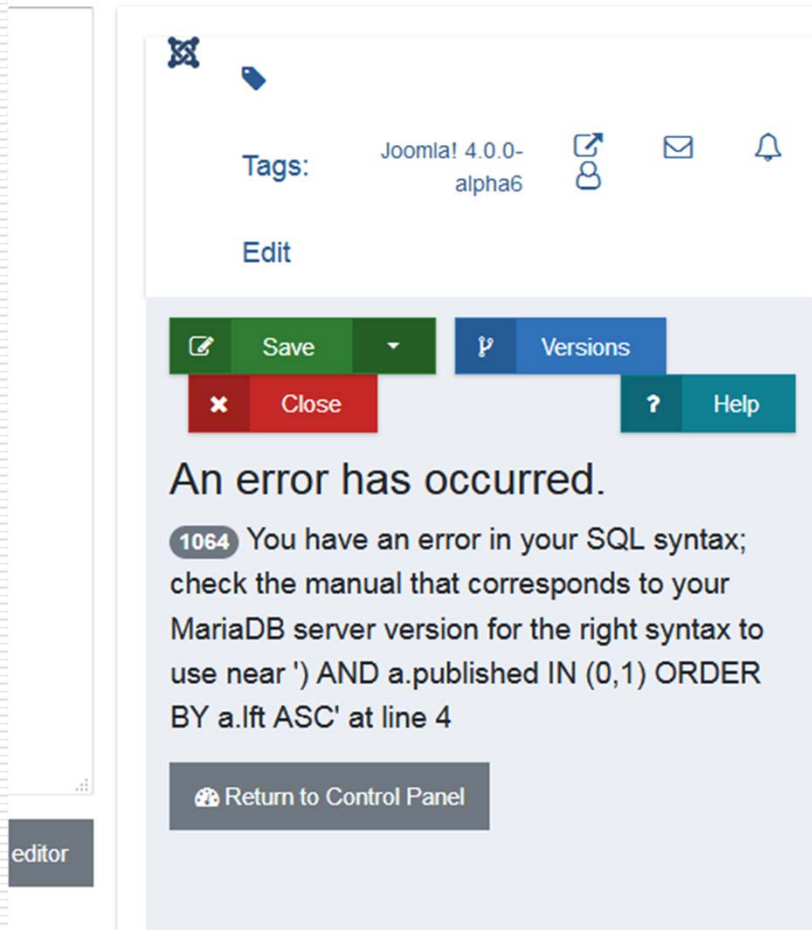
# My Joomla 4.0 comments:

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- Takes a little getting used to
  - Modules – see under System or Content
  - Plugins – see under System
- Better via phone
- More room for article editing
- Some errors still
  - Bruce: smtp is broken
  - Tags



# Tags - errors



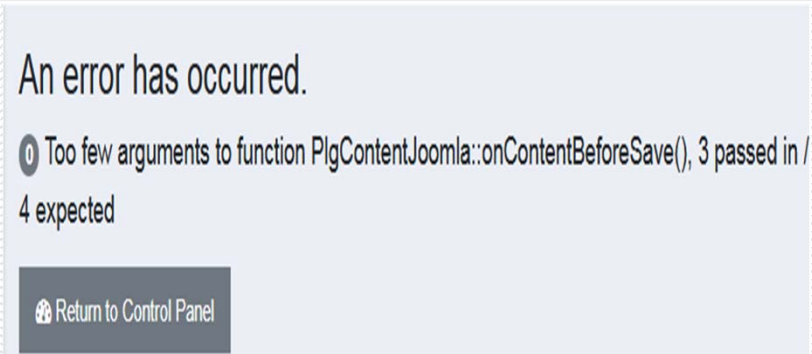
The screenshot shows the Joomla! 4.0.0-alpha6 editor interface. At the top, there is a header with the Joomla! logo, a tag icon, and the text "Tags: Joomla! 4.0.0-alpha6". Below the header, there is an "Edit" button. The main toolbar contains "Save", "Versions", "Close", and "Help" buttons. An error message is displayed in a light blue box:

**An error has occurred.**

**1064** You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near ')' AND a.published IN (0,1) ORDER BY a.lft ASC' at line 4

[Return to Control Panel](#)

editor



This is a close-up of the error message shown in the screenshot. It features a light blue background and a dark blue header:

**An error has occurred.**

**0** Too few arguments to function PlgContentJoomla::onContentBeforeSave(), 3 passed in / 4 expected

[Return to Control Panel](#)

