Release Notes

Complete with listed feature changes and additions along with short notes from additional packages submitted by the Hubzero Development Team monthly. See the complete work of the Hubzero Development Team on [Github](#).

Feature Changes/Additions

Feature Changes/Additions

Administrator Changes

- [Users/Members Merged](#):
    - In the backend of the HUB, the "Users" and "Members" lists—found under the "Users" tab—were merged into one listing called "Members". This allows for all administrative functions on member accounts in one location.
- [Kimera Template Update](#)
    - Now allows an image to be loaded for the header background
- Plugins added to allow Google Scholar, Dublin Core, and Open Graph service to more easily find a Publication or Resource.
    - Turn on these plugins by following these steps: [Turn on Plugins](#)
- Plugins added for extended file preview/handling.

- Project Files - Mount or connect to external data stores within Projects to allow access to and interaction with files and data stored within those varying sources. Examples of external data sources include Dropbox, GitHub, and Amazon.

    - Filesystem connectors can be added as plugins to the "filesystem" plugin group (allowing for enabling/disabling as desired).
    - When enabled, users can choose a connector, enter any necessary credentials, and then connect to and view file listings from within Projects.
    - Files are not automatically synced but, rather, can be copied to the local filesystem for use or publication as needed.

    Available filesystem connectors:

    - Local
    - Dropbox
    - GitHub

    To enable: Go to Administrator > Extensions > Plugin Manager. Search or filter to find the "Projects - Files" plugin. Click to edit. Look for a parameter called "Default action" and set to "Connections". Save changes.

    While in the plugin manager, filter by type "Filesystem" and enable/disable the filesystem connectors desired (Dropbox, GitHub, etc).

- Publication Series/Aggregations - Curate a collection (or 'aggregation') of publications or other nested aggregations and represent them with their own DOIs and descriptions. Aggregations may be living documents and continually expanded or altered without necessarily creating a new DOI upon each edit (i.e., current Publications functionality).

- File/Tool Associations - Added the ability to create generic relationships between tools and files. These relationships can be defined in the tools component in the administrative interface.

  A set of rules can be established that represent the file type(s) needed for the tool to edit/view/etc. those files.

  Using this information, interfaces can be altered to include the necessary tool launch links, passing in the required files. For example, in Project Files, files that have a corresponding tool handler now show a dropdown with the associated actions from the handler interface mentioned above.

Frontend (User) Changes

- New "Activity logging" added to the Member page (see side menu) and Groups (see group side menu). "Activity logging" reports activity on the following features: Collections, Resources, Forum, Answers, Blog, Wiki, and Tool Sessions
- Updated Member Dashboard Module
  - New "Recent Groups" section added to the "My Groups" dashboard module. This allows users to view recent groups they have visited.
- A count of wishes now displays on listing page for "All", "Active", "Accepted", etc.
- Project Files: Extended file view/preview/edit functionality has also been added, allowing for complex associations between files and view handlers. For instance, a preview handler for the "hubpresenter" files bundle allows for a preview of this multi-file scenario. This is a plugin-based system and can be extended for many file types and combinations. These handlers can also be employed on the publication page for more interactive views into the assets prior to download.

Service Changes

- Apache Solr-powered searching of:

  - Publications
  - Courses
  - Members
  - Groups
  - Events
  - Support Tickets
  - Projects
  - Blog Entries
  - Resources

- Deprecation of HUBgraph (defaults to Basic Search)

Infrastructure & Developers Release Details

Framework

- Framework moved to Composer library?
  - Unit tests added for Browser
  - Unit tests added for Cache
  - Unit tests added for Config
  - Unit tests added for Console
  - Unit tests added for Database
  - Unit tests added for Debug
  - Unit tests added for Noification
  - Unit tests added for Pathway
  - Unit tests added for Spam
  - Unit tests added for Template
  - Unit tests added for Utility
  - Service providers moved to bootstrap directories

Administrator

- Minor style tweaks to admin template
- Kimera (template) can load an image for header background

- Rewritten to use the ORM (Object Relational Mapping)

  - com_answers
  - com_blog
  - com_cron
  - com_developer
  - com_feedaggregator
  - com_feedback
  - com_forum
  - com_kb
  - com_poll
  - com_tags
  - com_wiki

- Rewritten

- - com_checkin

Site

- Added "Recent groups" to "My Groups" dashboard module

(component) Groups

- Added the ability for group plugins to return sub-menu options for the group tabs list (i.e., side-menu). This allows for each plugin to have a sub-menu of frequently used links such as "New post" or "Settings".

(component) Members

- Merged with "Users" to create a unified "Members" component

(component) Publications

- Added plugin to set page metadata for Google Scholar
- Added plugin to set page metadata for Dublin Core
- Added plugin to set page metadata for Open Graph

(component) Resources

- Added plugin to set page metadata for Google Scholar
- Added plugin to set page metadata for Dublin Core
- Added plugin to set page metadata for Open Graph

(component) Wishlist

- Display wish number on list page

(plugins) File Handlers added

- PDF
- LaTeX
- Hubpresenter

(plugins) Activity plugins added

- Members
- Groups

(plugins) Activity logging added to

- Collections (site, members, groups)
- Resources
- Forum (site, groups, courses)
- Answers
- Blog (site, members, groups)
- Wiki (site, groups)
- Tool sessions

2.1.0

Feature Changes/Additions

Administrator Changes

- <u>Users/Members Merged</u>:
    - In the backend of the HUB, the "Users" and "Members" lists—found under the "Users" tab—were merged into one listing called "Members". This allows for all administrative functions on member accounts in one location.
- <u>Kimera Template Update</u>
    - Now allows an image to be loaded for the header background
- Plugins added to allow Google Scholar, Dublin Core, and Open Graph service to more easily find a Publication or Resource.
    - Turn on these plugins by following these steps: <u>Turn on Plugins</u>
- Plugins added for extended file preview/handling.

- Project Files - Mount or connect to external data stores within Projects to allow access to and interaction with files and data stored within those varying sources. Examples of external data sources include Dropbox, GitHub, and Amazon.

    - Filesystem connectors can be added as plugins to the "filesystem" plugin group (allowing for enabling/disabling as desired).
    - When enabled, users can choose a connector, enter any necessary credentials, and then connect to and view file listings from within Projects.
    - Files are not automatically synced but, rather, can be copied to the local filesystem for use or publication as needed.

    Available filesystem connectors:

    - Local
    - Dropbox
    - GitHub

    To enable: Go to Administrator > Extensions > Plugin Manager. Search or filter to find the "Projects - Files" plugin. Click to edit. Look for a parameter called "Default action" and set to "Connections". Save changes.

    While in the plugin manager, filter by type "Filesystem" and enable/disable the filesystem connectors desired (Dropbox, GitHub, etc).

- Publication Series/Aggregations - Curate a collection (or 'aggregation') of publications or other nested aggregations and represent them with their own DOIs and descriptions. Aggregations may be living documents and continually expanded or altered without necessarily creating a new DOI upon each edit (i.e., current Publications functionality).

- File/Tool Associations - Added the ability to create generic relationships between tools and files. These relationships can be defined in the tools component in the administrative interface.

  A set of rules can be established that represent the file type(s) needed for the tool to edit/view/etc. those files.

  Using this information, interfaces can be altered to include the necessary tool launch links, passing in the required files. For example, in Project Files, files that have a corresponding tool handler now show a dropdown with the associated actions from the handler interface mentioned above.

Frontend (User) Changes

- New "Activity logging" added to the Member page (see side menu) and Groups (see group side menu). "Activity logging" reports activity on the following features: Collections, Resources, Forum, Answers, Blog, Wiki, and Tool Sessions
- Updated Member Dashboard Module
    - New "Recent Groups" section added to the "My Groups" dashboard module. This allows users to view recent groups they have visited.
- A count of wishes now displays on listing page for "All", "Active", "Accepted", etc.
- Project Files: Extended file view/preview/edit functionality has also been added, allowing for complex associations between files and view handlers. For instance, a preview handler for the "hubpresenter" files bundle allows for a preview of this multi-file scenario. This is a plugin-based system and can be extended for many file types and combinations. These handlers can also be employed on the publication page for more interactive views into the assets prior to download.

Service Changes

- Apache Solr-powered searching of:

    - Publications

    - Courses

    - Members

    - Groups

    - Events

    - Support Tickets

    - Projects

- ○ Blog Entries

- ○ Resources

- Deprecation of HUBgraph (defaults to Basic Search)

Infrastructure & Developers Release Details

Framework

- Framework moved to Composer library?
    - ○ Unit tests added for Browser
    - ○ Unit tests added for Cache
    - ○ Unit tests added for Config
    - ○ Unit tests added for Console
    - ○ Unit tests added for Database
    - ○ Unit tests added for Debug
    - ○ Unit tests added for Noification
    - ○ Unit tests added for Pathway
    - ○ Unit tests added for Spam
    - ○ Unit tests added for Template
    - ○ Unit tests added for Utility
- Service providers moved to bootstrap directories

Administrator

- Minor style tweaks to admin template
- Kimera (template) can load an image for header background

- Rewritten to use the ORM (Object Relational Mapping)

    - ○ com_answers
    - ○ com_blog
    - ○ com_cron
    - ○ com_developer
    - ○ com_feedaggregator
    - ○ com_feedback
    - ○ com_forum
    - ○ com_kb

- com_poll
- com_tags
- com_wiki

- Rewritten

  - com_checkin

Site

- Added "Recent groups" to "My Groups" dashboard module

(component) Groups

- Added the ability for group plugins to return sub-menu options for the group tabs list (i.e., side-menu). This allows for each plugin to have a sub-menu of frequently used links such as "New post" or "Settings".

(component) Members

- Merged with "Users" to create a unified "Members" component

(component) Publications

- Added plugin to set page metadata for Google Scholar
- Added plugin to set page metadata for Dublin Core
- Added plugin to set page metadata for Open Graph

(component) Resources

- Added plugin to set page metadata for Google Scholar
- Added plugin to set page metadata for Dublin Core
- Added plugin to set page metadata for Open Graph

(component) Wishlist

- Display wish number on list page

(plugins) File Handlers added

- PDF
- LaTeX
- Hubpresenter

(plugins) Activity plugins added

- Members
- Groups

(plugins) Activity logging added to

- Collections (site, members, groups)
- Resources
- Forum (site, groups, courses)
- Answers
- Blog (site, members, groups)
- Wiki (site, groups)
- Tool sessions

2.1.1

November 2016 Commit Short Notes

Groups

- Allow SVGs to be used as a group logo
- Allow the use of group logos outside of the uploads directory
- Add indicator of who's online

Projects

- Show enabled filesystem connectors in the side-menu for easier access
- Display a compile/preview button when the connection ID is available

Publications

- Add extra checks for incoming filters
- Fix issue to allow collaborators and authors to edit publications they are named on
- Fix issue with returning record count

Resources

- Order attachments by ordering instead of ID

Tools

- Don't autofill username and password fields

Users

- Set a default background color for authentication providers
- Authentication - InCommon: Remove logout method, letting App handle logout

Wishlist

- Fix issue with comment attachments not displaying

A complete list of all commits can be found on [GitHub](#).

2.1.2

January 2017 Commit Short Notes

Answers

- Make sure creator object is resolved correctly so names appear in emails

Forum

- Modify queries to be slightly more efficient

Projects

- Update Google API methods for project file syncing
- Add Google Drive adapter

- Add ability to select project team from group membership (instead of syncing entire group)

Resources

- Make sure creator object is resolved correctly so names appear in emails

Search

- Add/Enable Search Solr plugin
- Initial commit of plugin used to sync index with newly created content

Storefront

- Cron job to send notifications about the upcoming publish down dates for SKUs and Products

Users

- Fix the logic to handle change of email address when creating account using third-party authentication services

A complete list of all commits can be found on [GitHub](#).

2.1.3

February 2017 Commit Short Notes

Groups

- Fix issues with group edit form losing currently selected logo
- Fix authorization check before group is instantiated
- Fix do not cloak email addresses in emails sent out through the group announcements plugin
- Fix Super Group component route building since 2.x upgrade

Members

- Add autocomplete attribute to password fields to try and prevent browsers from auto-filling the fields
- Allow password to be set when creating a new account via the admin interface
- Add configuration options to whitelist admins and individual usernames
- Add ability to archive a group or project moving to a read-only state
- Adding missing required fields checks
- Fix account confirmation loop due to cached User session data

Projects

- Fix issue with deleting non-existent table in Project Databases
- Fix invisible files upon upload and alleviates 'ghost' files within the Projects component

Publications

- Fix reordering Publication master types
- Fix publications to allow for optional license for a given master type

Resources

- Fix SQL injection issue in Resources component

Search

- Fix Solr search Only return non-blocked users

Usage

- Add helper to get stats from redis when needed for the usage component
- Add configuration options to whitelist admins and individual usernames

A complete list of all commits can be found on [GitHub](#).

2.1.4

March 2017 Commit Short Notes

Groups

- Allows API to pass calls through to plugins, allowing for URLs like /api/groups/cn/announcements/list

Members

- Removes profile access to blocked user accounts

Projects

- Adds button to unarchive a project
- Adds migrations to enable use of filesystem connectors without manual intervention
- Removes bug that decodes "+" signs into spaces which resulted in mismatched files
- Reworks styles, adds ability for managers to edit and remove posts
- Style adjustments to improve mobile behavior

Publications

- Fixes block ordering issue and allows for the deletion of a publication
- Publication - Usage: Adds explanation text, displays totals, removes confusing unique user count

Search

- Adds Solr facets to Search
- Fixes path building when indexing an uncategorized content page
- Replaces hubtypes with facets for Solr Search

Support

- Changes support_tickets group column to group_id

Tags

- Adds Courses plugin for Tags

A complete list of all commits can be found on GitHub.

2.1.5

April 2017 Commit Short Notes

Core

- Implement the onAfterContentSubmission across multiple components for the cases when the new content is published and displayed or the confirmation page is displayed.
- Modifying to include the App directory for access loading.

Members

- Make sure return URLs are internal to the hub, to avoid hijacking.

Projects

- Fixing Google doc conversion to be consistent with latest Google API.

- Allow for completely open, public 'privacy' state and adding browse filter and admin controls for setting 'open' privacy state.

- Adding configuration option to automatically make group managers project managers. Defaults to prior behavior.

Publications

- Allow group ownership to be changed.

Search

- Search results will display author information for collection posts.

A complete list of all commits can be found on [GitHub](#).

2.1.6

May 2017 Commit Short Notes

Groups

- Fixed various issues with adding iCal calendar to the list of group calendars.
- Fixed issues with adding events to a Group calendar that don't have a time zone specified.
- Fixed calendar so that the timezone set on an event is shown accurately on the event details page.
- (Foundation funded) Adding feature to set a default invite message for all groups.

Members

- Adding indicator for users as to what authentication providers the account is linked to.

Publications

- Converting administrator interfaces for Categories and Licenses to use the ORM.

Resources

- Making sure authors cannot review their own Resource.

A complete list of all commits can be found on [GitHub](#).

2.1.7

CART

- Changing the default wording due to cases where a store may have products with dollar amounts but no payment processor set up.
- Add date range selector to lists of downloads. Set the default range to the last 30 days. Matching changes to the CSV exporting code.
- Add date range selector to the list of orders. Set the default range to the last 30 days. Matching changes to the CSV exporting code.
- Add date range selector to the list of items ordered in orders. Set the default range to the last 30 days.

BLOG

- Only apply group access filtering to posts that have a scope of group.

CITATIONS

- Make sure default limit value is in the options for pagination.

COLLECTIONS

- Fixing bug in retrieving collection created_by property. Making wording consistent when collecting a post.
- Pass in a date string rather than a date object.
- API now returns results and updates collections and posts.

COURSES

- Allow managers/administrators with back-end access to courses the ability to replace existing badge images with a new one.

FORUM

- Handle cases where thread attribute might not be set.
- Disable cached results after populating the forum with default content.
- Set default value to date string, rather than date object.

GROUPS

- Wrap local storage code with try/catch to ignore any exceptions caused by corrupted local storage files.
- Have main link go to the group. Add link to just announcements after announcement body.
- Prevent public access to unconfirmed e-mail address page when visiting a user's profile that

hasn't verified their e-mail. Also prevent links to their profile from showing on the members and overview page of a group until they have activated their e-mail.
- Update components that directly utilize Guzzle since some of the methods used were removed in Guzzle 6 in order to be PSR-7 compliant.

MEMBERS

- Link to project if a project-related activity.
- Making unconfirmed status stand out a bit more.
- Removed forcing https on change password page as it was causing browsers to block mixed content and causing the password change page to fail.

PROJECTS

- Moving Pathway and Title are building to after Event calls so plugins have a chance to load language files.
- Resolving access issue with open projects that are also archived. Disallow new 'to-do' button if archived.

PUBLICATIONS

- Fix issue where authors previously removed from a publication draft could not be re-added because the status flag wouldn't change, therefore the author would not show.
- Remove check for *.hash file before overwriting, as if it reached this point the file may have changed therefore it makes sense to allow it to re-write the hash inside the *.hash file.
- Ran images through an optimizer to save on file size.

STOREFRONT

- Update to distinguish SKU availability between out of stock and restricted. Update view not to display out of stock message if one or more SKUs are not available due to user restrictions.
- Let the SKU inventory level be updated to 0 in the admin panel.

TOOLS

- Setting default for github and jupyter tools to be 'on'

WIKI

- Make sure task is changed to action when dealing in a sub-wiki context (ie, group wiki)
- Make sure revision created timestamp is set properly.

Other

- Update Facebook authentication plugin to use Facebook/Graph-SDK version 5.5.

- Changing references from xprofiles table to users.
- Update composer to use Guzzle ^6.0 (from 5.*)
- Bumping framework. Brings minor fix for importing CSV files.

Number of commits: 81
Number of Support Ticket Issues repaired: 36

2.1.8

BLOG

- Adjusting how permissions are calculated so appropriate users can properly do things like delete comments.

COURSES

- Try to use transparentPaintImage() instead of deprecated paintTransparentImage() method.

DATAVIEWER

- Fixed new line issue in multi-value cells.

DEVELOPER

- Fixing 3 legged OAuth and updating the documentation to reflect fields that are required.

FEEDBACK

- Allows for newlines to be included and rendered in success stories

GROUPS

- Make sure form has info to router properly when submitted.

KB

- Adds rudimentary API endpoint for Solr indexing.
- Update Article lookup code. Update variable semantics. To prevent ambiguous lookup, Articles are now retrieved by their alias and category ID.

MEMBERS

- Adding more filtering options and better highlighting of various activities.
- Reduce formatted values to integers so addition works properly.
- Make sure anonymous posts are displayed as such in emails.

PROJECTS

- Adding 'archive' button to the toolbar.

PUBLICATIONS

- Back-porting changes to use ORM instead of JTable classes.
- Changes to publications to support forking (disabled by default) and adding Forks plugin.
- Clean-up, simplifying, adding more permission checks, adding delete methods.
- Add publication note and tag show/ hide configuration. Administrators can now change the default params pertaining to showing or hiding publication notes and tags.

RESOURCES

- Filter input to avoid XSS issues.
- Update recent question enumeration. Recent Questions (X to Y) now properly accounts for limits
- Add pagination to question browsing.

SEARCH

- Adds a blacklist API endpoint.

SYSTEM

- Adding support for region selection per bucket.

WIKI

- Make sure unchecked box values are honored.

Other

- Restoring PHP5.4-compatible Guzzle.
- Revert Guzzle version back to its previous release: 5.3.*

Number of commits: 76
Number of Support Ticket Issues repaired: 30

2.1.9

ANSWERS

- Various fixes, language tweaks, and adding before and after save events.

BLOG

- Added save and delete event triggers.

CITATIONS

- Disabled jQuery.uniform for dynamically added elements.

CONTENT

- Updated column name in SQL to reflect change in database.

DATAVIEWER

- Updated the CSV filter to include columns' metadata.

GROUPS

- Ensured project activity indicates what project it came from.

- Code and interface consistency modifications for required fields, adding 'apply' button, highlighting group types.

PROJECTS

- Bug fixes and tweaks to the To-do ORM model.

- Adding support for project files on a Git-free diet.

- Porting tool handlers from new connectors view to old browse files view.

PUBLICATIONS

- Allowed editing of version label.

- Added initial task to show differences between two publication versions.

- Added publication note and tag show/ hide configuration.

- Added column to licenses to indicate if derivatives are allowed under the terms. Forking must respect this setting.

RESOURCES

- Added 'state' field to types so they can be unpublished.

TAGS

- Added event calls for before and after save.

WIKI

- Added event calls for before and after save.

Number of commits: 87

Number of fixes: 40

* See individual commits for more details

2.1.10

BLOG

- Fixing docblock, adding missing relationship for comment back to entry, adding more tests.
- Adding unit tests for ORM models.

CITATIONS

- Migration and changes to edit form to allow for specifying the context of a citation to its associated resources.
- Minor HTML changes to fix validation errors and improve accessibility.

COLLECTIONS

- Fixing incorrect HTML tag.

DATAVIEWER

- Removed #dv_top suffix from filtering urls.
- Fixed the gallery view.

EVENTS

- Changing font size declaration to use EMs for better accessibility.

GROUPS

- Adds redirect and prevents promoting/demoting when nothing is selected.
- Must select a user before promoting or demoting.
- Prevents deleting the last manager.

MEMBERS

- Sort by 'surname', instead of 'name'.
- Allow for exporting members by the current set filters.
- Adding before and after events for saving profile data.

PROJECTS

- Add .gitignore to the list of files to skip.
- Changing (tool/file) handler base path to a path pattern to better accommodate varying directory structures.
- Adding before and after delete triggers and method for getting params Registry object.
- Adding ORM models.

PUBLICATIONS

- Add 'featured' flag to a publication, let admins make the publication 'featured'.
- Show a 'unchanged' message if there is no diff info.
- Make sure sub queries return only one record.

RESOURCES

- Add configuration option to resource files which can prevent direct download of files if opened with a viewer.
- Show the file type for course notes.

SEARCH

- Fixing incorrect 'for' attribute on label.

SYSTEM

- Have some plugins only respond when application is 'site'. This improves performance and avoids potential code being called when not desired.

TAGS

- Modified interface so HTML is consistent between PHP and Javascript and fixing some issues with deleting focus area groups.

TOOLS

- Docblock fixes, formatting fixes, and some extra escaping of SQL inputs.
- Fallback to retired versions if no published version can be found.

WISHLIST

- Remove reference to wish creator's name in case they posted anonymously.

Other

- Fix the ORCID search issue.
- (tpl_kimera) Removing unnecessary 'role' attribute for HTML5 validation.
- (tpl_kimera, mod_reportproblems) Minor adjustment to colors to improve accessibility contrast ratios.
- (framework) Nested set database column for Nested relational models renamed from 'depth' to 'level' to conform to current usage.

- (muse) Unit tests can be discovered and run from components, modules, plugins, and templates.

Number of commits: 73
Number of Support Ticket Issues repaired: 36

2.1.11

BLOG

- Be explicit about declaring facade namespace. Micro improvements on memory usage.
- Make sure uploaded files are checked against the global size limit and allowed extensions.

CITATIONS

- Make sure language string is correct and redirect goes to the right place.

DEVELOPER

- Fixed incorrect variable name causing view display issues.
- Fixing error that overrides formatting of dates.
- Added personal access token generation.

EVENTS

- Fixing issues where creating events from admin side could cause an event to not have a proper scope or timezone.
- Formatting fixes.
- Adding scope attribute to header column.
- Adding label to form element.

KB

- Fixing query referencing nonexistent table alias.
- Adding back missing options button.
- Make sure search portion of the query is wrapped in its own clause.

MEMBERS

- Check password rules against the passed user ID, rather than always against the current logged in user.
- Adding indexes to better optimize tables.
- Adding indexes to DB table, adding config option to auto-purge records in log table that are older than selected timeframe.
- Ran images through optimizer to save on file size.
- Make sure com_categories displays the proper menu for com_members when adjusting member notes.
- Make sure access can't be set on email and 'send email' fields if profile is private.
- Fixing issue with searching for multi- word values.
- Disable access controls for individual profile fields if entire profile is private.

PROJECTS

- Removing git commits from the project reporting page.
- Fixing file stats reporting for projects.
- Change report to number of active projects instead of a percentage of projects that are active.
- Remove grouping clause, we want a count of rows not counts on the join.
- Some clean-up, adding more permission checks.
- Moving picture path generation to model and changing to use content moderator.
- Update nogit adapter.
- Add .gitignore to the list of files to skip.
- Include the relative file path, not just the file name.
- Removing trailing slash that causes the Handler to not properly detect file extension.
- Ignore .git contents when moving project files.
- Make sure 'more entries' button links to the correct spot.
- Fix hiding author based on type of adapter being sued in the file list instead of doing a null check.
- Check that the project property is set before attempting to pull info from it.
- Making nogit the default engine unless specified per project.
- Remove "By" column from filelist since author of file cannot be retrieved.
- Fix issue that prevented files/directories with spaces in the name from being moved/renamed.
- Fix issue with "owner" permission that prevented administrators from creating projects on the front end.
- Remove leading ./ in filenames for nogit adapter.
- Display a correct message when a component manager attempts to leave the project.
- Quote the file name when using the rm command to remove the file to avoid wicked white space issues. See #1457 on cdmhub.org.

PUBLICATIONS

- Formatting fixes.
- Some image code reworking: 1. Fix master image retrieval broken paths. 2. Add a method to a publication model to check if there is an image, have the media controller use this method instead. 3. Update the view to add an extra class name for publications without an image. 4. Remove explicit <img> width and height attributes in the item view because they are just not pretty.
- Allow the internal bundle to be rewritten when resubmitting from draft/ rebuilding the package for a publication.
- Changing behavior so forker is sole author and previous authors are notified.
- Fix the bundle rebuilding every time after publication is updated.
- Let databases link files other than just images in a publication.
- Little bit of French appeared to have made it's way into error messages.

RESOURCES

- Strip querystrings off of file paths.

- Removing debugging statement and renaming misnamed var.
- Properly save form variables into the Import model without overwriting.

SEARCH

- Adding an ID to the search result item.
- Only pull top-level facets for the 'all' search.
- Use global pagination limit setting.
- Adding breadcrumbs and page title.
- Reworking query to include only facets that are enabled. Adding access level to output for admins.
- Fixing issue where interface could get stuck in redirect loop. Minor fixes to wording, formatting, docblock.
- Minor UI fixes to SOLR admin views.

STOREFRONT

- Formatting fix.
- Allow for adding usernames of non-existent accounts to the restricted permissions on a SKU. When account is registered, permissions record will be updated with new user ID.

SUPPORT

- Pushing some old fixes to support(v2) API.
- Linting like lightning.
- Added helper method for handling attachments in tickets/comments and added attachment support for ticket creation.
- Support for attaching files to comments added.
- Re-adding previous router and moving changes to routerv2 now that versioned routing is in.
- Comments controller read, update, and delete added and working.
- Comments controller (v2) added, list and create working.
- Fixed router and made changes to tickets controller (v2)
- Fixing ticket list function.
- Added v2 of tickets controller.
- Adding relationships to ticket model.

TAGS

- Adding helper method to force re-calculate associations (number tagged, aliases)

USER

- Change how authentication plugins are iterated over to support unrendered site_logins.
- Make sure return value carries to registration page.

Other

- Squashed commit of the following:
- Bumping framework. Adds missing 'header()' method to Response object and 'singularize()' method to Inlfector.
- Detect existing accounts with the same username and email address before attempting to create a new stub account.
- Removing unused files and adding timestamps to included CSS and JS for better cache handling.
- Handle incoming ID as either an array or integer (redirect from add/remove will use integer)
- Bumping framework. Fixes issue with plain text API output, adds missing 'header()' method to Response class, ignore migrations from directories with dots and spaces.
- Add missing backtick.
- Updates getStats() Updates the getStats() method to allow global scope 'hub'. This is explicitly set in the admin interface.
- Removing references to Joomla.
- Bumping framework. Removes references to Joomla, defaults API to highest version, a handful of bug fixes.
- Splitting interface into two tabs for redirects and 404s to make UI more intuitive. Adding status code so redirect can be permanent, better handling of trailing slashes.
- Removing unused lines and changing usage of joomla constant to preferred hubzero method.
- Bumping framework. Fixes issue with Media form field and allows for public, shareable content moderator links.
- Standardizing titles and removing references to deprecated 'addedit.png' file.
- Removing unused images and optimizing some others.
- Fixing issue with pagination not going beyond page 1, removing joomla-based class, minor clean-up.
- Adding migration to fix a couple incorrect database indices.
- Bumping framework. Only updates README file.
- Updating links to documentation.
- Bumping framework. Brings better guards for detecting deprecated migrations table and allows API to be called form admin side (using session authentication)
- Minor color adjustment to improve contrast and adjusting image ALT text.
- Adding soem extra checks, filling in down(), and fixing improperly named migrations (invalid timestamps)
- Removing table drop as the table is actually used. Possibly an old repurposed or readded table at some point?
- Fixing an incorrect component name in the migration.

Number of commits: 115
Number of Support Ticket Issues repaired: 38

2.1.12

CART

- Removing Joomla-based code.

BLOG

- Specify and reset depth when building query so clauses are nested correctly. Fixes issue where blog posts that might not be published show up in the listing.

CITATIONS

- Fixing incorrect colspan.

CONTENT

- Updating usage of base Obj class to reflect name change from Object.

DATAVIEWER

- Reverting changes made by 9cb7860bfbad9fc8c9e927a3bf93dc873a8ca38b and making a new option for truncating text in dataviewer cells so it does not interfere with regularly wrapping text when forcing a width.

FORUM

- Correcting how allowed access levels are calculated for the thread view. Fixes issue with some posts not being viewable.

- Adding option to disable anonymous posting.

- Fixing incorrect default sort value in the admin interface for threads.

- Change default sorting of searched comments to start with most recent descending.

GROUPS

- Try to determine invitation date and display when available.

- Merging three methods ont he admin interface into one to reduce redundant code.

MEMBERS

- Use users table instead of deprecated xprofiles table and only pull non-blocked accounts.

- Make sure URL used for AJAX calls does NOT have encoded ampersands.

- Fixing incorrect language string keys.

- Adding some more fixes for filtering notes by user.

- Adding missing language files.

PROJECTS

- Fixing issue where variable would not get updated in each pass of a loop. The $handlerBase var would get placeholders {project}, {file} replaced on the first pass but not on subsequent files as the placeholders were already replaced. Fix was to re-assign the final, parsed string to a separate variable so $handlerBase would act only as a template.

- Show the correct size picture.

- Minor wording change.

- Make sure array index exists before trying to use it.

PUBLICATIONS

- Fixing incorrect query syntax.

- Adding full description and tags to API output.

RESOURCES

- When loading viewo subtitles, make sure file exists before attempting to get last modified time.

- Try to catch cases where linked file paths, in the description, don't start with a slash.

SYSTEM

- Adding some logging for easier debugging.

- Back-porting minor change so info page shows correct CMS version.

STOREFRONT

- Add user whitelist on the SKU level to override any existing restrictions.

TAGS

- Fixing issue with URLs to group and project wikis being wrong.

RELEASE NOTES

TOOLS

- Remove iPad app button from tool page.

- Changing incorrect usage of 'break

- Fixing path to included file.

USER

- Fixing issue where primary authenticator was getting dropped if it was 'hubzero'

- Adding extra guards against possible XSS attacks. Attacks could center on manipulating the 'primary' and 'return' querystring values

JOBS

- Removes redundant code.

- Fixes CSS bugs.

- Error messages for invalid expiration date.

- Delete .default.php.swo.

- Blank fields default to Unspecified.

- Fixes two views.

- Edit button active when published and unpublished

- Fixes reopen and delete button placement.

- Fixes bug where confirmscreen misaligns edit button.

- Only shows unpublish button to owner and fixes confirmscreen box.

- Changes layout of job view.

- Fixes bug where admin erases expiration date.

- Makes date in jobs view more readable.

- Fixes multiple views.

- Makes buttons look cleaner.

- Adds tooltip to unpublish button.

- Adds max expiration date.

- Improves edit, reapply, and withdraw buttons.

- Better edit button.

REGISTRATION

- fix behavior on error pages, add more safeguards.

QUOTES

- Replace newline characters with <br /> tags. Added to account for quotes created before replacement of newlines with <br /> tags was added in hubzero-cms 2.1.0 commit 46ae81c435fc3d8219e0e18d5a77c90490eff9fe

CORE

- Allow for unprefixed component and module directories, PHP 7 compatibility fixes, and some minor changes to config FileWriter to handle errors better.

- Updating URL for 'issues' to point to help.hubzero.org.

Framework

- HubzeroUtilityString was renamed to HubzeroUtilityStr due to "string" being a reserved word in PHP7. A stub HubzeroUtilityString class now extends HubzeroUtilityStr to maintain compatibility.

  Changes were made to prepare for PHP7 compatibility. The HubzeroUtilityString stub class is temporary to allow developers time to convert code. It will be removed in a later version of HUBzero.

- HubzeroBaseObject was renamed to HubzeroBaseObj due to "object" being a reserved word in PHP7. A stub HubzeroBaseObject class now extends HubzeroBaseObj to maintain compatibility.

  Changes were made to prepare for PHP7 compatibility. The HubzeroBaseObject stub class is temporary to allow developers time to convert code. It will be removed in a later version of HUBzero.

Number of commits: 70
Number of Support Ticket Issues repaired: 14

2.1.13

CART

- Reworking the cart to work with payments plugins. Dummy and PUaccount plugins.
- Set minimum items to zero and fix bug when adding coupon.
- Adding basic search to a few views.

CRON

- Adding admin button to forcefully set a job as inactive.

FORUM

- Update email sending code to account for category subscriptions.
- Add forum categories subscription configuration to group administrator menu.
- Implement forum category subscription form.
- Implement users categories API controller.
- Create UsersCategory entity.
- Move partials to views/shared.
- Move email settings elements to partials.
- Only send forum emails to approved accounts Don't send a forum email to a blocked or unapproved account. This can happen when an active account gets marked as blocked at a later time but not removed from the group.

GROUPS

- Disable ability to edit or upload files for guest users.
- Truncate overly long group announcements This will truncate long group announcements and provide a 'More' link to the full text.

MEMBERS

- Trim extra slashes.
- Make sure database columns exist before referencing them. The database columns seem to vary on hubs. So, this is an extra paranoid check.

PROJECTS

- Fixing z-index and styling issues with Project steps breadcrumb.

PUBLICATIONS

- Remove dot-slash from paths whne building zip archive.
  Having ./ in paths seems to cause Window's built-in archive utility trouble. It'll either report the

zip as corrupt or show an empty directory when unzipped. Simple fix is to remove the ./ as it seems to have no ill-effect on the resulting path.
- Fix base version of publication on new version.
  This change tracks the version that the user selected to submit a new version from. When creating a new version of a publication the version that the user was viewing previously is now the version that is copied forward (instead of using the 1.0 version).
- Fix publication disk usage formula.

RESOURCES
- Recalculate ordering values after moving items Recalculates ordering values after moving items so that ordering is always in sequence and no duplicate values.
- Avoid double-counting totals of Resource Series This attempts to group and display children of series resources and does not include the parent series' usage stats in the displayed total.

STOREFRONT

- Add SKU whitelist checking for the product listing pages to display the products if the user is whitelisted to have acess to the SKU.
- Adding component-level config option for customizing the 'Quantity' text.

TOOLS

- Use middleware database connection when retrieving from middleware tables. Middleware tables can sometimes be in an entirely different database, so use the middleware database connection instead of the default CMS connection.

Other

- Allow for posting to multiple endpoints This allows for posting messages to a max of three separate Slack endpoints.
- Changing include path Use Component::path() instead of assuming known location.
- Vaerify return URLs are base64 encoded strings.
- Updating version number.
- Moving some code so it conforms to style standards.
- Updating Joomla method to redirect to Hubzero method.
- Bumping framework Adds temp Table class to replace JTable and Lang::script() method to replace JText::script()
- Bumping framework Removing use of deprecated Joomla constant and adding support for views not in a /tmpl sub-directory.
- Formatting fixes and adding docblock.
- Update com_support /outstandingtickets API.
- Implement OutstandingTickets controller. The OutstandingTickets controller serves the results of querying the support tickets table for tickets that meet certain criteria
- Create a Criterion entity. Criteria are used to select support tickets that match a given Criterion
- Update users added count for all scenarios.
- Adding event triggers for adding tabs to edit user This allows for plugins to add tabs and

interfaces for managing user related data without having direct references in com_members.
- Migration to remove Mollom antispam plugin. The Mollom service is End Of Life on April 2nd, 2018.
- Removing plugin for deprecated service. The Mollom spam checker service has an End Of Life of April 2nd, 2018.
- Forcefully convert incoming data to UTF-8.
- Set page title and breadcrumbs when viewing a resource video not loaded by AJAX.
- Allow non-member access to public project files.
- Both first name and last name are required when conducting the ORCID Record search.
- Fix the issue that ORCID fetch task is executed twice.
- Only link to profiels of unblocked, approved users.
- Adding CSRF token to vote links.
- Include access = 0 in list for items that may have an invalid access setting.
   Access = 0 means the field value was never properly set, so we include those fields as though they were set to public (access = 1). Also, adding an ORM initiate method to try and force unset access values to 1.
- Reworking CSS for tabs to avoid hard-coded heights, allowing for better scaling.
- Bumping framework.
   * Various fixes to get Forms and Form Rules working properly
   * Have muse command output include full path to migration
   * Renaming Form Field classes and updating various managers to get a number of prviously not working Form Fields working again
   * Discover config processors that can handle multiple file types
- Fix failure limit on lazyload for Dataviewer.
   Lazyload plugin will read the HTML sequentially for images and stops
   its loop on the first image that is not in the viewport. Because some
   tables run off the right side of the page, if they have images this will
   stop the lazyloading loop immediately. An override of the limit allows
   the loop to continue lazyloading images that *are* in the viewport.
- Removing link to non-existent file.
- Show time as local rather than UTC.
   Time is shown as local in other portions of the itnerface. This keeps it consistent.
- Add 'simple size reporting' option for publications.
   This adds an option to com_projects configuration that allows for the administrator to ignore version history and bundle size when calculating disk usage and if the user is over quote Multiply by 100 to display a percentage, not 10,000
- Bumping framework. Brings fixes for Form class.
- Bumping framework. Fixes issue with determining if module is enabled.
- Migration to add some columns to the profile_completion_award table.