

## 2.2.16

<https://github.com/hubzero/hubzero-cms/tree/2.2.16>

### Changes

- Upgraded [jQuery](#) to 3.3.1 and [jQuery.ui](#) to 1.12.1
- Upgraded [D3 Javascript framework](#) to v5.9.2 (core/assets/js/d3.js)
- LaTeX math formula support changed to use [MathJax](#). This will remove an approximately 3Gb dependency on the HUBzero install in future releases.
- Moved several duplicated language strings down to a single core language string.
- Projects /projects/browse page has been redesigned to use "cards" instead of a table.
- Projects now use the standard access column (Admin > Users > Access Levels) to control visibility, allowing projects to be assigned to specialized access levels and, thus, only viewable/findable by people who can view said access level.
- HUBzero copyright block (found at the top of all the code files) updated, simplified, and significantly reduced in size.

### Removed

- Removed select2.js and associated CSS. Use jquery.fancyboxselect.js instead.
- Removed core/libraries/fpdf and core/libraries/fpdfi libraries. Code using them was refactored to use TCPDF instead.
- Removed core/libraries/nusoap. Library was unused.
- Removed core/libraries/simplepie. SimplePie is included via Composer instead.
- Removed unused views/\*/tmpl/{view name}.xml files. View XML files are used for providing params for menu items and aren't currently supported for plugin views.

### New Features

- More filters for Activity API. You can now provide a start\_date and end\_date to retrieve activity in a specified time range.
- Group Forums: Added configuration option for default sorting of threads (last activity, created, number of replies, thread title).
- Previously only supported by components, all extension types now support a /config directory for configuration options.

```
/modules
.. /mod_foo
.. .. /config
.. .. .. config.xml
```

This keeps the structure of extensions more consistent.

- Courses: Add ability to add tools + files to be used with the tool when invoking a session

from a course.