

4.2.2

Released: 22 April 2016

Summary

This version of uPortal is a maintenance/bug-fix release of the 4.2 minor version. It includes 40 bug fixes and improvements in total, which is a substantial number. There are some very important performance improvements included with this release. (There are even more in the 4.3.0 release, which is intended to be available in the same time frame as this release.)

Highlights

- Support for Java 8
- Support for Tomcat 8
- Ability to manage BROWSE permission in the Portlet Manager
- Performance fixes & improvements for JPA PAGES
- Version updates to the bundled CAS and several bundled portlets

Upgrade Notes

- If upgrading from a 4.0.x or prior database, do an initdb rather than try to update your database. 4.2 does not support the Universality theme.
- A change was made in uPortal 4.2.0 to have BROWSE also means SUBSCRIBE. This change was removed in 4.2.2 and 4.3.0. If you are starting from a 4.1.x, 4.2.0, or 4.2.1 database or data set how it may impact you is:
 - If you have institution-data derived from the quickstart entities, you probably have the data like the following in your data set: https://github.com/Jasig/uPortal/blob/uportal-4.2.1/uportal-war/src/main/data/quickstart_entities/permissions_set/Everyone_BROWSE_SpecificPortlets-permission-set.xml
 - The impact of BROWSE on portlet categories in the 4.2.0 and 4.2.1 code is that a category such as Information assigned to a portlet will basically allow everyone to see the portlet in the Customize Gallery and be able to render it. So if for instance you have a student-news and faculty-news both assigned the Information category, any authenticated user will be able to see it in the Customize Gallery and be able to render it on their page. Particularly a problem if you have a Home page that has a mix of student, faculty, and staff portlets that used permissions to prevent some portlets from rendering for certain audiences.
 - The solution to this is to remove the BROWSE assignment to the categories. You can't do this with data import, you must do this with the Manage Permissions UI. Click on a permission such as Browse. Use the target filter to select one of the Categories. In the table of results with uPortal 4.2.2 click on Delete to delete the permission. Then insure that you have the BROWSE permission assigned to your portlets that you want users to be able to see. It's recommended to do this via the portlet definition files as is done like https://github.com/Jasig/uPortal/blob/uportal-4.2.1/uportal-war/src/main/data/quickstart_entities/portlet-definition/about-college-life.portlet-definition.xml#L40 so your XML data files are up to date. Alternately you can use the Manage Portlets section of the Admin UI to assign BROWSE permission to the portlets, but then it's recommended to export your entities and incorporate the changes into your src/main/data directory.
 - NOTE: The Portlet Marketplace uses BROWSE permission on a category to determine whether to display the category name in the UI. Unfortunately this can cause problems (see above). Eventually this behavior will change (see [UP-4086 - Filter listing of Categories in Marketplace entry view on BROWSE \(added by JW suggest only BROWSE on the individual portlets\) OPEN](#)). For now be aware that assigning BROWSE to portlet categories can have the unintended impact of allowing audiences to see portlets in the Customize, Search Auto-select, and Search results that they may not be intended to see, though without SUBSCRIBE permission they would not be able to render them.

Download the release

You can grab the binary releases, including a ready-to-start Quickstart release, from [the GitHub release page](#).

Security bugs known to affect uPortal 4.2.2

This macro will automatically display publicly visible security bugs tagged as affecting this release in the issue tracker.

Key	Summary	P
UP-5006	CSS vulnerability with Marketplace initialFilter	

1 issue

See also : Release announcement as posted on uportal-user@ email list.

Human readable release notes

See the [GitHub release page](#) for human-readable release notes.

Downloads: <https://github.com/Jasig/uPortal/releases/>

Maven Project Site: <http://developer.jasig.org/projects/>

Issues addressed in uPortal 4.2.2

Key	Summary	P
UP-4626	Prevent BROWSE permissions that target portlets from appearing in permission-set.xml files on export and enhance import/export to allow <portlet>fname</portlet>	⬆
UP-4662	Upgrade portlets (bugfixes only) for 4.2 patches	⬆
UP-4620	SmartLdapGroupStore fails on import (command line) because the bean needs lazy-init=false	⬆
UP-4600	DistributedLayoutManager may incorrectly return the same cacheKey for users who have different layouts	⬆
UP-4581	initdb/initportal fails with SimpleContentPortlet 2.x and Maven 3.0.3	⬆
UP-4586	Resource Aggregation is broken in Respondr	⬆
UP-4522	Create API for single portlet marketplace entry	⬆
UP-4514	The /api/portlets.json REST endpoint is significantly slow for users who are not Portal Administrators	⬆
UP-4459	Manage Portlets publishing a portlet cannot give BROWSE permission, doesn't show up in Customize gallery	⬆
UP-4442	Entity PAGS excessive queries	⬆
UP-4435	Fail gracefully when DLM references a user who does not exist	⬆
UP-4397	Insure various overlay portlets run on Java 8	⬆
UP-4646	Add missing tenant-related caches to ehcache.xml	⬇

13 issues

Bugs known to afflict uPortal 4.2.2

(Note that this is only as good as the affects-version metadata on JIRA issues).

Key	Summary	P
UP-4679	Associating a single user with multiple fragment definitions (normally by accident) cripples the portal	↑
UP-3488	Preferences : encoding pb with postgresql - UTF-8 non ascii characters	↑
UP-4762	Ensure "Portlet Administration" search is properly labelled	↗
UP-4760	Form missing submit button on import export portlet - WCAG 2 AA	↗
UP-4758	Label inputs - most popular apps portlet - WCAG 2 AAA	↗
UP-4713	Subclasses of o.j.p.g.pags.testers.IntegerTester don't handle non-String values	↗
UP-4673	Add missing portlet preferences to RSS (NewsReader.cpd.xml)	↗
UP-4669	ant db-update fails for HSQLDB	↗
UP-4678	ClassCastException on WebAsyncManager in cross-context (portlet) dispatched request	↗
UP-4663	uPortal hosted assets (JPG, CSS) not using cache-control and browser does HTTP GET	↗
UP-4535	ProfileSelectionEvent doesn't get processed by the ApplicationEventPublisher before ThemeNameEqualsIgnoreCaseTester needs to know the selection	↗
UP-4539	Incorrect versioning of portlet-definition from 4.0 to 4.1	↗
UP-3886	SaxParserImpl warnings on properties on Java 1.7.0_45 warnings with uP 4.0.13	↗
UP-5006	CSS vulnerability with Marketplace initialFilter	↗
UP-4730	up-print-plugin.js broke uPortal page when printable is true in a channel	↗
UP-4695	Mobile menu issues on 4.2.x and 4.3.x at certain precise resolutions	↘
UP-4667	Respondr defaultSkin -- Fix left padding on larger displays	↘
UP-4710	GuestUserTester bug	↓
UP-3244	Dynamic portlet titles not working.	↓

19 issues