

ReleaseManagement QualityAssurance

Rave is evaluating the use of [JBehave](#) to help automate and improve quality assurance testing. The test code is inside the rave-integration-tests module and [documented on the website](#).

Basic Setup	
<i>Test</i>	<i>Implemented</i>
User is able to compile the project with an empty Maven repository <i>mvn install -Dmaven.repo.local=/tmp/cleanrepo</i>	
User is able to start the compiled portal using <i>mvn cargo:start</i> (from SVN checkout)	
User is able to start the portal zip binary release using the bundled Tomcat startup script (from packaged download))	
User is able to start the portal tar.gz binary release using the bundled Tomcat startup script (from packaged download)	
User is able to load the login page by pointing a browser to _ http://localhost:8080/ _	Yes

Default Accounts	
<i>Test</i>	<i>Implemented</i>
User is able to log in with default accounts: canonical, john.doe, jane.doe	Yes
User is able to log in with default OpenID account	Yes
User is able to modify column layout	
User is able to switch to one-column layout	
User is able to switch to two-column layout	
User is able to switch to three-column layout	
User is able to switch to four-column layout	
User is able to switch to column layout with lesser number of columns (from 4 to 1)	
User is able to move gadgets from one column to another	
User is able to move gadgets from one column to another	
User is able to move gadgets into a newly created column	
User is able to create a new tab	Yes
User is able to add gadgets to the new tab	
User is able to delete the new tab	Yes
User is able to log out.	Yes
"Remember me" feature works for user	
User changes are preserved across sessions	

User Profile Information	
<i>Test</i>	<i>Implemented</i>
User can update profile email address	Yes
User can update profile "about me" information	Yes
User can update profile "status" information	Yes
Password and user name reminder features work	
User profile changes are preserved across sessions	Yes

User Administration	
<i>Test</i>	<i>Implemented</i>
"Canonical" user has access to administration interface	Yes
Administrator can add new users	
User search feature works correctly for known users	Yes

User search feature works correctly for missing users	
Administrator can return user display to initial state after searches	
Administrator can grant administrator privileges to other users	
Administrator can remove administrator privileges to other users	
Administrator can enable and disable a user account	
Administrator can lock and unlock a user account	
Administrator can expire and unexpire a user account	
Administrator can delete a user account	Yes

Widget Administration	
<i>Test</i>	<i>Implemented</i>
Administrator can list all widgets	
Unfiltered search features work correctly	
Filtered search features (by type and by status) work correctly	
Search filters handle empty inputs and empty returns correctly	
Search results can be cleared (widget page returns to original state)	
Search results can be cleared (widget page returns to original state)	
Administrator can update widget metadata (title, location, description, etc)	
Administrator can update widget status (published, preview)	
Administrator can disable and re-enable widgets	
Rave correctly handles error conditions: widget type setting is incorrect	
Rave correctly handles error conditions: URL location is incorrect	

Preference Administration	
<i>Test</i>	<i>Implemented</i>
Administrator can update and verify preference settings	

New Account Creation	
<i>Test</i>	<i>Implemented</i>
New users can successfully create accounts	Yes
New users must provide required information	
New user applications must provide unique user names	
New user applications must provide unique email addresses	
New user applications must provide matching passwords	
New account applications must provide user names of appropriate length and format (no spaces, alphanumeric characters only, etc)	
New account applicants must provide passwords of minimal length and strength	
New user account forms are not subject to SQL injection and other common attacks	

Widget Store Usage	
<i>Test</i>	<i>Implemented</i>

Widget Store Administration	
<i>Test</i>	<i>Implemented</i>

Non-Default URLs	
<i>Test</i>	<i>Implemented</i>
User can access Rave from URL with IP or DNS (instead of localhost)	
Rave correctly renders widgets when accessed with URL other than localhost	

Rave tab and header navigation links work correctly with URL other than localhost	
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Advanced Setup: LDAP	
<i>Test</i>	<i>Implemented</i>
User is able to login with the demo LDAP accounts johndap, janeldap	Yes

Advanced Setup: MySQL	
<i>Test</i>	<i>Implemented</i>
User is able to reproduce all standard tests	

Advanced Setup: HTTPS	
<i>Test</i>	<i>Implemented</i>
Following standard Tomcat HTTPS/SSL set up, Rave login page can be accessed via HTTPS	