



Savannah ROOT in JIRA

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LCG Savannah is retiring

Reasons:

- Code based on dead GNU Savannah branch
- Technology and methods evolved
- CERN IT now provides the up-to-date JIRA

Approach:

- Develop a JIRA plugin
- Data will be migrated into JIRA
- Auto redirection for every ticket to “new” ticket in JIRA

JIRA advantages

Provides a lot of plugins and features

- Agile development (GreenHopper)
- Code integration (FishEye)
- Advanced searching
- Workflows
- Customizable views
- And more

Integrates better into CERN infrastructure
(e.g. SSO for login)

JIRA advantages

GreenHopper – Kanban work board

Go to agile
tab and
create new
board

The screenshot displays the JIRA GreenHopper Kanban board for a project named "ROOT Planning". The interface includes a top navigation bar with "Dashboards", "Projects", "Issues", and "Agile" tabs. Below the navigation, there are "QUICK FILTERS" for "Only My Issues" and "Recently Updated". The board is organized into three columns: "To Do" (445 items), "In Progress" (12 items), and "Done" (4440 items). Each column contains a list of issues with their titles, descriptions, and assignee icons. The "To Do" column lists issues like "ROOT-4718: Provide Git mirror for the ROOT svn repo" and "ROOT-4719: Graphviz". The "In Progress" column shows "ROOT-20: New graphics functionality" and "ROOT-13: Graph visualization (graphviz)". The "Done" column includes "ROOT-6: Port ROOT to iOS" and "ROOT-98: Implement iOS demo app". A callout bubble points to the "Agile" tab in the navigation bar, with the text "Go to agile tab and create new board".

JIRA advantages

GreenHopper – Scrum work board

The screenshot shows a JIRA Scrum board for a project named "Scrum Sample". The board is organized into three columns: "To Do", "In Progress", and "Done".

At the top, there are navigation options: "Plan", "Work" (highlighted), "Report", and "Tools". Below this, the current sprint is "Sample Sprint 2", and quick filters are set to "Only My Issues" and "Recently Updated".

The board contains several user stories:

- SCS-10** (2 sub-tasks): "As a developer, I can update story and task status with drag and drop (click the triangle at far left of this story to show sub-tasks)". This story is currently in the "In Progress" column.
- SCS-11**: "Update task status by dragging and dropping from column to column >> Try dragging this task to 'Done'". This story is in the "In Progress" column.
- SCS-12**: "When the last task is done, the story can be automatically closed >> Drag this task to 'Done' too". This story is in the "In Progress" column.
- SCS-13**: "As a developer, I can update details on an item using the Detail View >> Click the 'SCS-13' link at the top of this card to open the detail". This story is in the "To Do" column.
- SCS-14**: "As a user, I can find important items on the board by using the customisable 'Quick Filters' above >> Try clicking the 'Only My'". This story is in the "To Do" column.
- SCS-15**: "As a scrum master, I can see the progress of a sprint via the Burndown Chart >> Click 'Report' at the top right to view the Burndown Chart". This story is in the "Done" column.
- SCS-16**: "As a team, we can finish the sprint by clicking the arrow icon at the top of the 'Done' column >> Try closing this sprint now". This story is in the "Done" column.
- SCS-17**: "Instructions for deleting this sample board and project are here in the description for this card". This story is in the "Done" column.

Each story card includes a progress indicator (a vertical bar with a scale) and a small Mario icon. The "To Do" column has a red progress bar, "In Progress" has a green one, and "Done" has a blue one.

JIRA advantages

FishEye – code integration

The screenshot displays the FishEye web interface for a project named 'FE-hg'. The top navigation bar includes 'Dashboard', 'Source', 'Projects', 'People', and 'Reviews'. A search bar and 'Create Snippet'/'Create Review' buttons are also present. The main content area is divided into two sections:

- Left Panel (File Tree):** Shows a directory structure for 'build.xml'. The tree includes folders such as 'amps-jira-plugin/', 'artwork/', 'build-dependencies/', 'bundled-plugins/', 'dbdriver/', 'dependencies/', 'doc/', 'etc/', 'fe-vis-highlighter-plugin/', 'fecru-gadgets-plugin/', 'fecru-rest-plugin/', 'fisheye-feedback-plugin/', 'lib/', 'processutils/', 'salplugin/', 'sonar/', 'src/', 'support/', and 'test/'.
- Right Panel (Revisions):** Displays a list of revisions for 'build.xml'. The top navigation includes 'Activity', 'Revisions', 'Users', 'Reports', and 'Source'. Below this, there are controls for 'Diff 2 selected', 'Diff latest', 'Filter', 'Include other branches', and 'Show all details'. The revision list shows:
 - Revision 1:** Jason Hinch, 28918:0e15460b175c on default. Description: 'MERGE: 2.7-FECRU-1720-stp-throws-error -> 2.7 -> default'. Revision ID: 0e15460b175c3c6c398e2edca113ac030a67d18f. Parents: build.xml 138f3117fe525125f49b36ea1b6cd704b8844f05 | build.xml 346b43a4dcbd36637fefa00e791f2fdfa0e8cbd6. Head on: default.
 - Revision 2:** Jason Hinch, 28896:346b43a4dcbd on 2.7-FECRU-1720-stp-throws-error. Description: 'FECRU-1720: updating support tools plugin version to get fecru fixes'. Revision ID: 346b43a4dcbd36637fefa00e791f2fdfa0e8cbd6. Parents: build.xml 190682c28dc9271564c56c5d92f5440d0fa603f2. Head on: 2.7 | 2.7-FECRU-1720-stp-throws-error.

The ROOT data

All data from Savannah will be migrated

- The existing ROOT will be merged
- Project specific customizations will be kept

Links between tickets are preserved

- Depends on, Duplicates / Is duplicated by

Back-references are created:

- External ID, External URL
- Redirection will be provided

The ROOT users

Savannah and JIRA use different authentication systems

- JIRA uses CERN SSO authentication

All ROOT users from Savannah have been successfully mapped to CERN users

Not logged in reporters

- The “Originator email” field is preserved

Deleted users

- Replaced by “Anonymous”

Users outside CERN, who need account in JIRA, can create a lightweight account

The migration status

The test migration started

- Check <https://lxjira12.cern.ch/jira/browse/ROOT>
Accessible only from CERN. Logging in is not allowed

How much work left?

- A few bugs need to be fixed
- The plugin must be configured for the latest JIRA version

Then the migration can start

Migrated ticket overview

ROOT / ROOT-187
QtRoot deadlock

Comment Voters Watch Issue More Actions ▾ Share Views ▾

Details

Type:	Bug	Status:	Closed	Assignee:	Unassigned
Priority:	5 - Normal	Resolution:	Fixed	Reporter:	Giulio Eulisse
Affects Version/s:	None	Fix Version/s:	None	Vote (0)	Watch (3)
Component/s:	GUI				
Labels:	None				
Environment:	GNU/Linux				

External issue URL: <https://savannah.cern.ch/bugs/?9328>

External issue ID: bugs9328

Bug / Feature: Bug report

Privacy: Public

Severity: 4 - Important

Operating System: GNU/Linux

People

Assignee: Unassigned
Reporter: Giulio Eulisse
Vote (0)
Watch (3)

Dates

Created: 04/Jul/05 5:20 PM
Updated: 12/Jul/05 6:24 PM
Resolved: 12/Jul/05 6:24 PM

bug #9328: QtRoot deadlock

Submitted by: Giulio Eulisse <eulisse>
Submitted on: 2005-07-04 15:20

Submit Changes and Browse Items
Submit Changes and Return to this Item

Description

When used in multithreaded environment QtRoot hangs a TQtLock class that takes care of locking on creation since this way of locking results easily in forgetting the

Activity

All Comments Work Log History Activity

* Mandatory Fields

Valeri Fayn added a comment - 04/Jul/05 6:08 PM
Hello Giulio

<u>Bug / Feature:</u> *	Bug report	<u>Category:</u>	GUI
<u>Priority:</u>	5 - Normal	<u>Severity:</u>	4 - Important
<u>Status:</u>	Fixed	<u>Privacy:</u>	Public
<u>Assigned to:</u>	None	<u>Open/Closed:</u>	Closed
<u>Release:</u> *		<u>Discussion Lock:</u>	Unlocked
<u>Operating System:</u> *	GNU/Linux		
<u>Summary:</u> *	QtRoot deadlock		

Using JIRA

Visit: <https://sft.its.cern.ch>

Login via
SSO

The screenshot displays the JIRA web interface. At the top, there is a navigation bar with the JIRA logo, a search bar labeled "Quick Search", and a "Log In" button. Below the navigation bar, the main content area is divided into two columns. The left column is titled "Projects" and lists three projects: "CernVM (CVM)", "CF4hep (CFHEP)", and "Gaudi (GAUDI)". Each project entry includes the lead's name, a bar chart for "Open Issues", and a "Description". The right column is titled "Login" and contains a notification box stating "You're now browsing JIRA as Anonymous" with instructions on how to log in. Below the notification, there are two filter result sections, both indicating "No matching issues found."

Projects

CernVM (CVM)
Lead: Predrag Buncic
Open Issues: [Bar chart]
Description: The aim of this project is to provide a baseline Virtual Software Appliance for use by LHC experiments at CERN (CernVM). Such appliance should provide a complete, portable and easy to configure user environment for developing and running LHC data analysis locally and on the Grid independent of physical software and hardware platform (Linux, Windows, MacOS)

CF4hep (CFHEP)
Lead: Pere Mato Vila
Open Issues: [Bar chart]

Gaudi (GAUDI)
Lead: Marco Clemencic
Open Issues: [Bar chart]
Description: The Gaudi project is a open project for providing the necessary interfaces and services for building HEP experiment frameworks in the domain of event data processing applications. The Gaudi framework is experiment independent.

Login

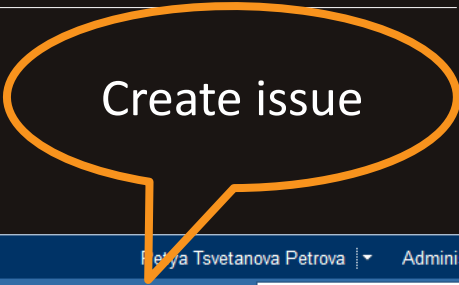
You're now browsing JIRA as Anonymous
You'll be redirected to the CERN login page if you try to access protected ressources. You can also click the upper right link "Log In".
In case you like to fill an issue report and you are not a regular CERN user, please register yourself here .

Filter Results: Action Items from Architects Forum
No matching issues found.

Filter Results: Stories for discussion in the Architects Forum
No matching issues found.

Using JIRA

How to submit an issue



A screenshot of the JIRA web interface. The top navigation bar is blue and contains the JIRA logo, "Dashboards", "Projects", "Issues", and "Agile" dropdown menus. On the right side of the bar, it shows the user name "Tetya Tsvetanova Petrova" and "Administration". Below the navigation bar, there is a "+ Create Issue" button and a "Quick Search" input field. The main content area is divided into two columns. The left column, titled "Projects", lists three projects: "CernVM (CVM)" with lead "Predrag Buncic", "CF4hep (CFHEP)" with lead "Pere Mato Vila", and "Gaudi (GAUDI)" with lead "Marco Clemencic". Each project entry includes a bar chart for "Open Issues (by priority)" and a "Description" section. The right column displays two search result filters: "Filter Results: Action Items from Architects Forum" and "Filter Results: Stories for discussion in the Architects Forum", both showing "No matching issues found." A "Tools" gear icon is visible in the top right corner of the main content area.

Using JIRA

Select a project

Choose another field

Fill the other fields

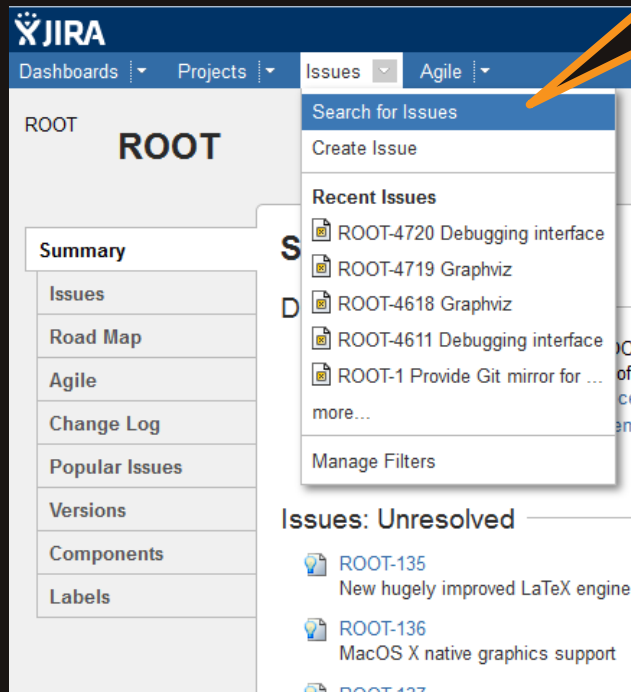
The image shows a screenshot of the JIRA 'Create Issue' form. The form is titled 'Create Issue' and has a 'Configure Fields' button in the top right corner. The form is divided into several sections:

- Project:** A dropdown menu with 'ROOT' selected. A callout bubble points to this field with the text 'Select a project'.
- Issue Type:** A dropdown menu with 'Bug' selected. A callout bubble points to this field with the text 'Choose another field'.
- Summary:** A text input field with the placeholder text 'Write your summary'.
- Priority:** A dropdown menu with 'High' selected. A callout bubble points to this field with the text 'Fill the other fields'.
- Component/s:** A dropdown menu with 'Cing' selected. Below it is a search prompt: 'Start typing to get a list of possible matches or press down to select.'
- Affects Version/s:** A dropdown menu with '5.28.00' and '5.34.00' selected. Below it is a search prompt: 'Start typing to get a list of possible matches or press down to select.'
- Reporter:** A text input field with 'Petya Tsvetanova Petrova' selected. Below it is a search prompt: 'Start typing to get a list of possible matches.'
- Environment:** A text input field with a search icon and a callout bubble pointing to it with the text 'Fill the other fields'. Below it is a search prompt: 'For example operating system, software platform and/or hardware specifications (include as appropriate for the issue).'
- Description:** A large text area for entering the issue details.
- Original Estimate:** A text input field with a search icon and a callout bubble pointing to it with the text 'Fill the other fields'. Below it is a search prompt: '(eg. 3w 4d 12h)'. A note below reads: 'The original estimate of how much work is involved in resolving this issue.'
- Remaining Estimate:** A text input field with a search icon and a callout bubble pointing to it with the text 'Fill the other fields'. Below it is a search prompt: '(eg. 3w 4d 12h)'. A note below reads: 'An estimate of how much work remains until this issue will be resolved.'

At the bottom of the form, there are three buttons: 'Create another', 'Create', and 'Cancel'. The 'Create' button is highlighted.

Using JIRA

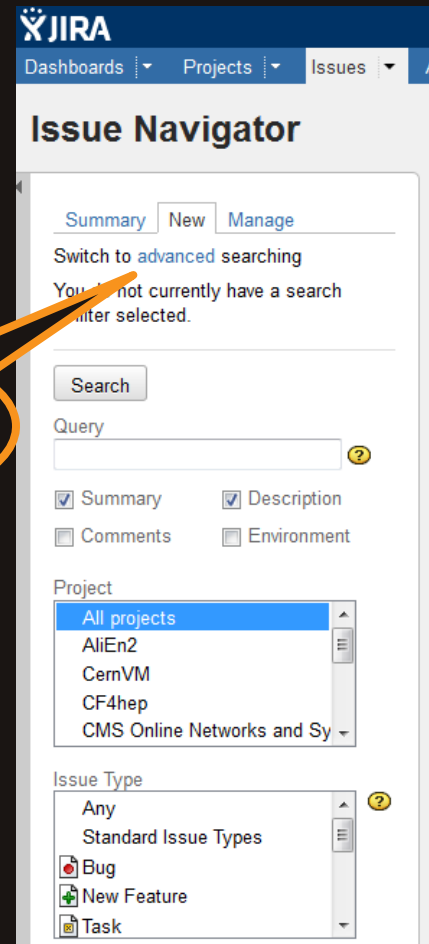
Advanced search



A screenshot of the JIRA navigation menu. The 'Issues' dropdown menu is open, showing options like 'Search for Issues', 'Create Issue', 'Recent Issues', and 'Manage Filters'. The 'Recent Issues' section lists several issues with their IDs and titles, such as 'ROOT-4720 Debugging interface' and 'ROOT-135 New hugely improved LaTeX engine'.

Step I

Step II



A screenshot of the JIRA 'Issue Navigator' page. The page shows a search bar, a 'Query' field, and several filters for 'Project' and 'Issue Type'. The 'Project' filter is set to 'All projects', and the 'Issue Type' filter is set to 'Any'. The page also includes a 'Search' button and a 'Switch to advanced searching' link.

Using JIRA

Search for Savannah bud ID:

- External Issue ID ~ "task18765"

The screenshot shows the JIRA Issue Navigator interface. The top navigation bar includes the JIRA logo, "Dashboards", "Projects", "Issues", and "Agile" menus. The main content area is titled "Issue Navigator" and contains a search query editor and a list of filters.

Query Editor:

- Warning: Query line: 1 character: 30
- Query: `cf[10269] ~ "task18756 " or E`

Filter List:

- Effort - cf[10275]
- Epic/Theme - cf[10001]
- Epic Colour - cf[10321]
- Epic Link - cf[10318]
- Epic Name - cf[10320]
- Epic Status - cf[10319]
- External issue ID - cf[10269]

Table:

Reporter	P	Status	Resolution
Naumann		Open	None

Operations:

- Save it as a filter

History:

- cf[10269] ~ "\"task18756 \""
- cf[10269] ~ "bugs"
- cf[10269] !~ null

Footer:

Atlassian JIRA (v5.0.7#734-sha1:8ad78a6) | Report a problem
Powered by a free Atlassian JIRA open source license for CERN PH/SFT. Try JIRA - bug tracking software for your team.



Thank you!
