



CS-Studio Collaboration Status

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UNIVERSITY



U.S. DEPARTMENT OF
ENERGY

Office of
Science

Overview

■ Collaboration Statistics

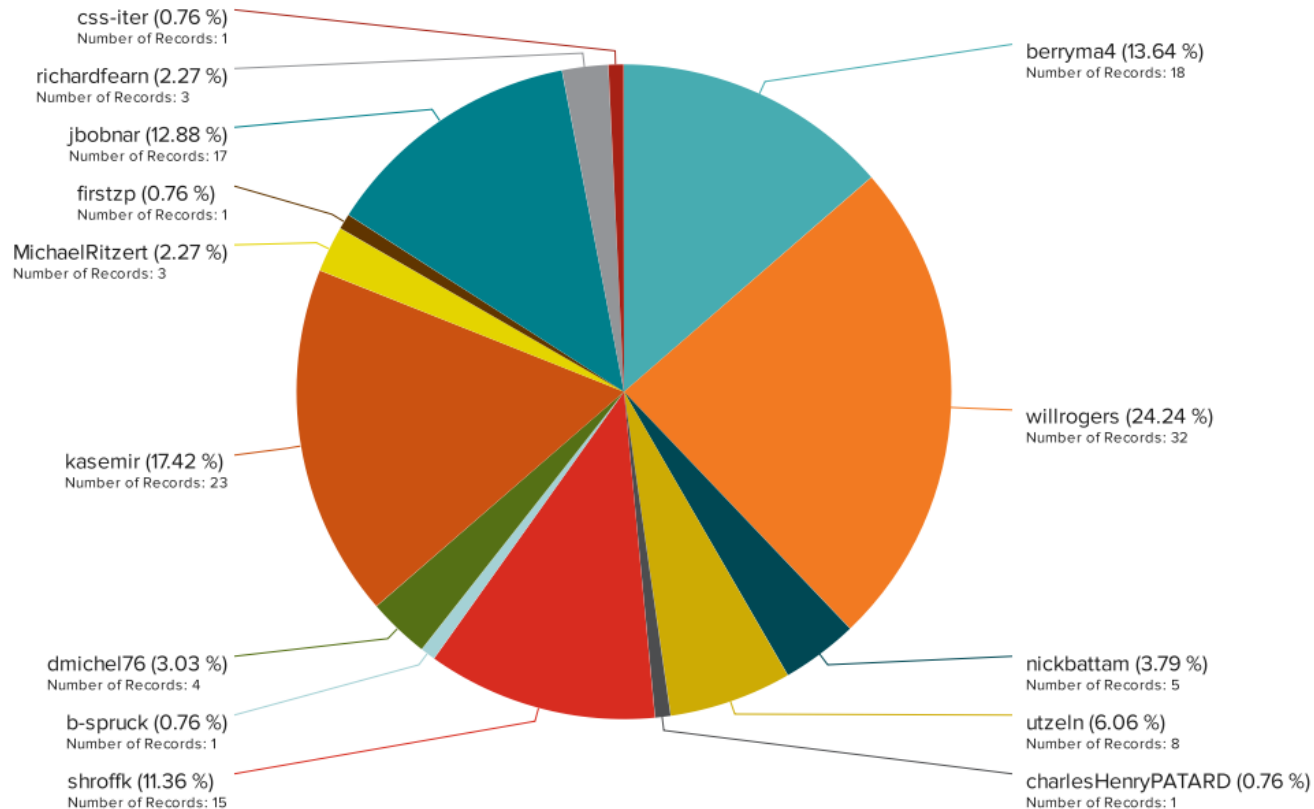
- Feedback from Issues
- 4.2.x Issues
- Comments Activity
- Issues Activity
- Milestone Activity

■ Milestones Status

- 4.2.x (testing->stable)
- 4.3.x (unstable->testing)

Feedback from Issues

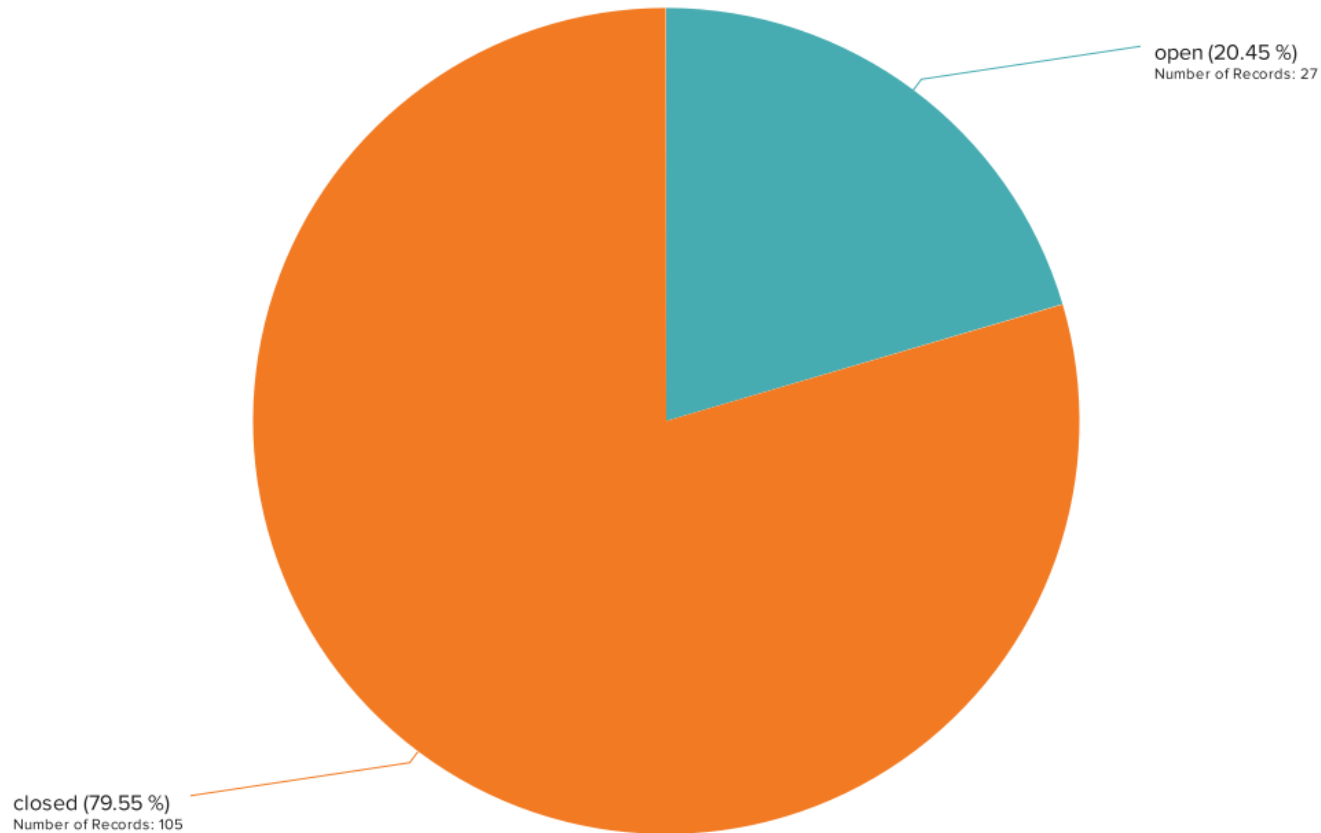
Issue Creation Breakdown by Person (4.2.x testing branch)



DataHero

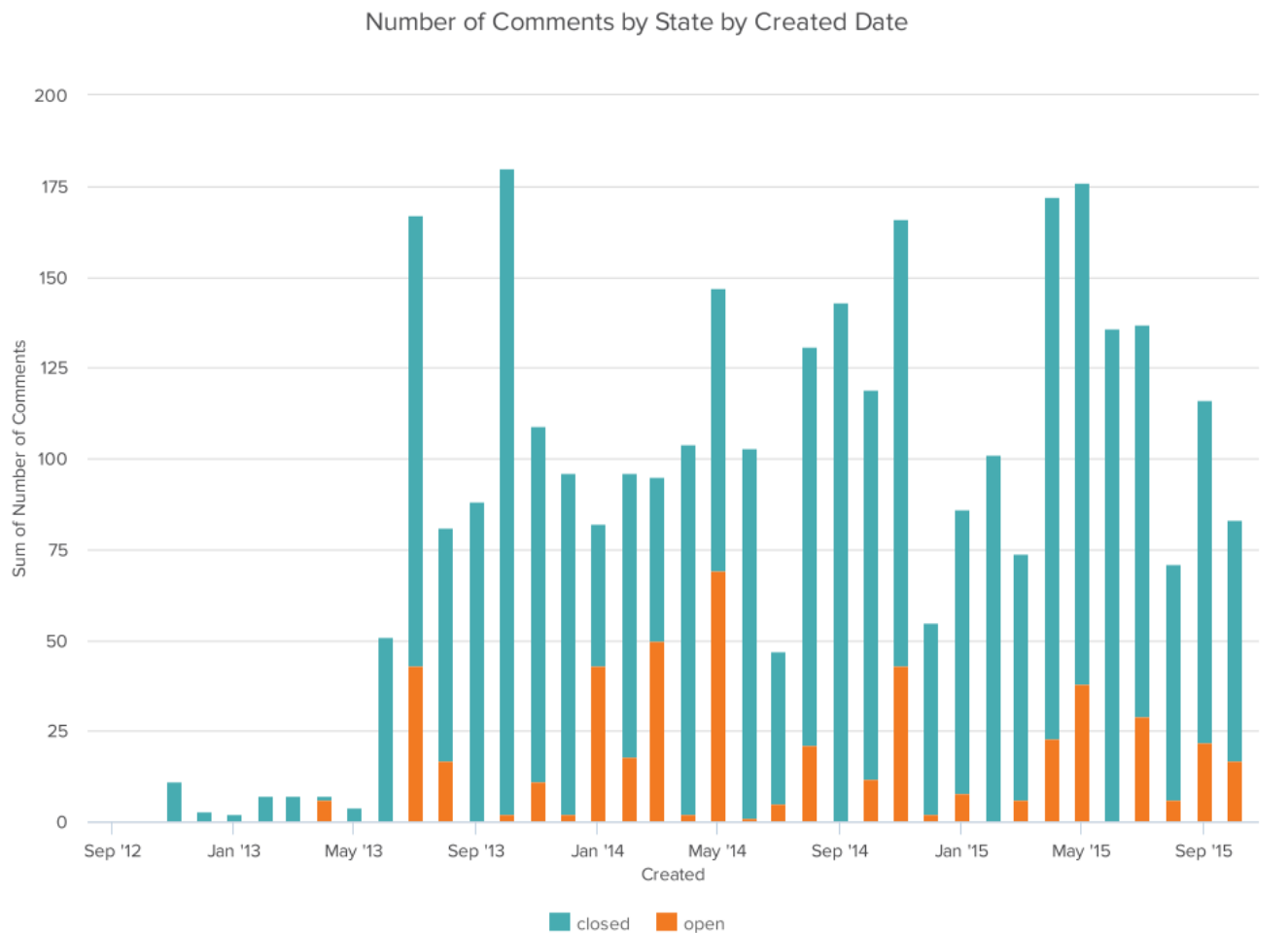
4.2.x Issues

Issues Open and Closed (4.2.x testing branch)



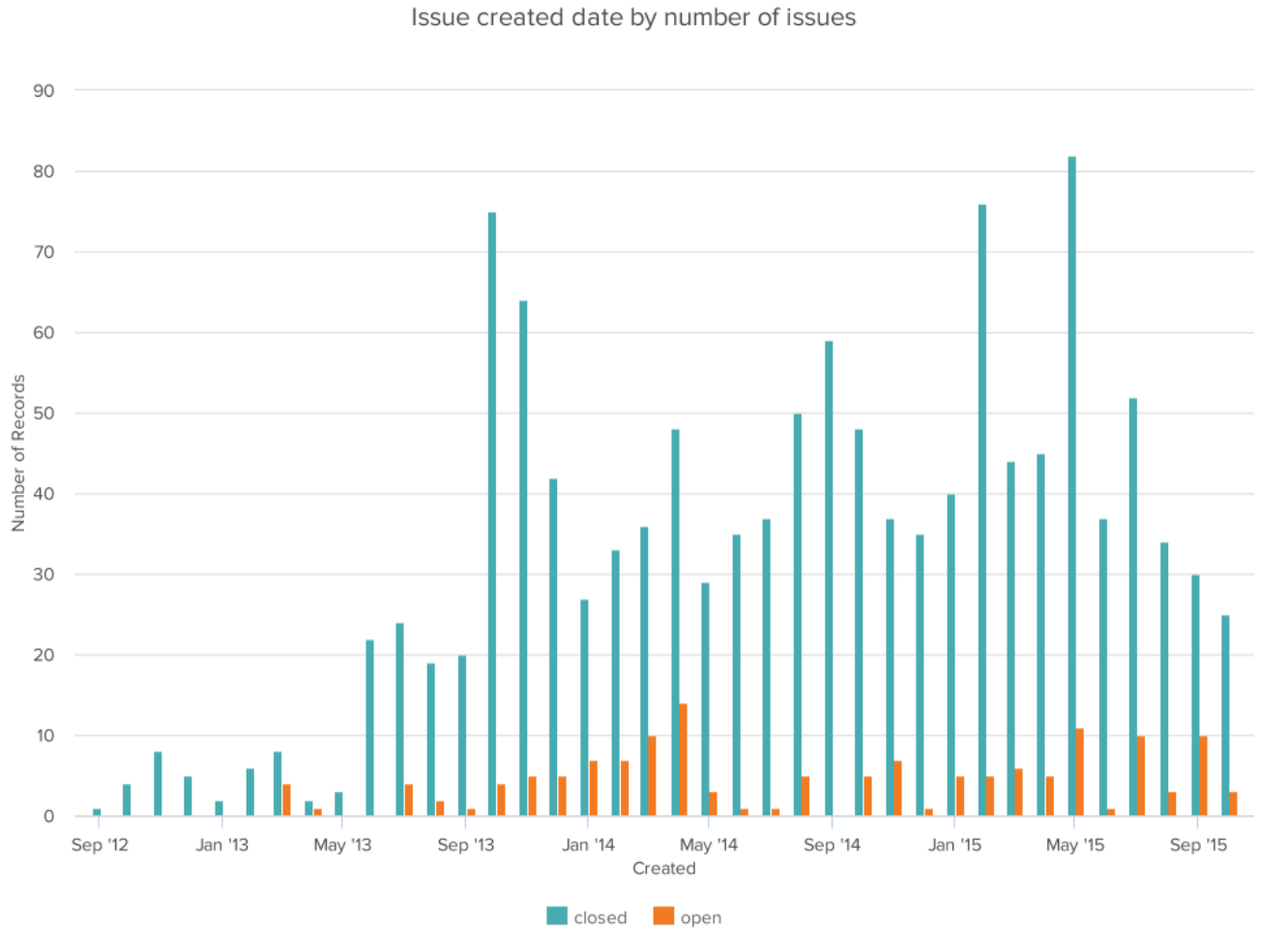
DataHero

Comments Activity



DataHero

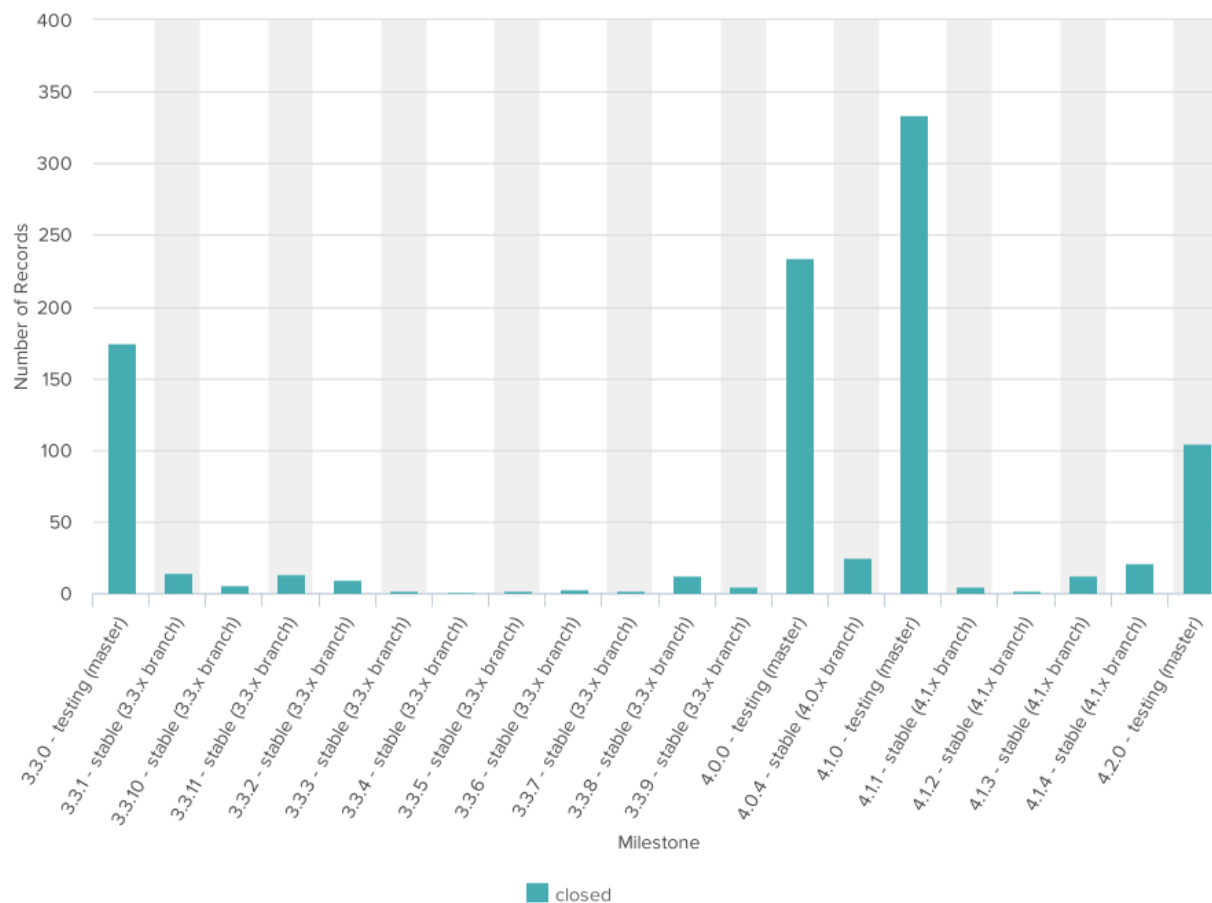
Issues Activity



DataHero

Milestone Activity

Number of Issues Closed by Milestone (4.2.x testing branch)

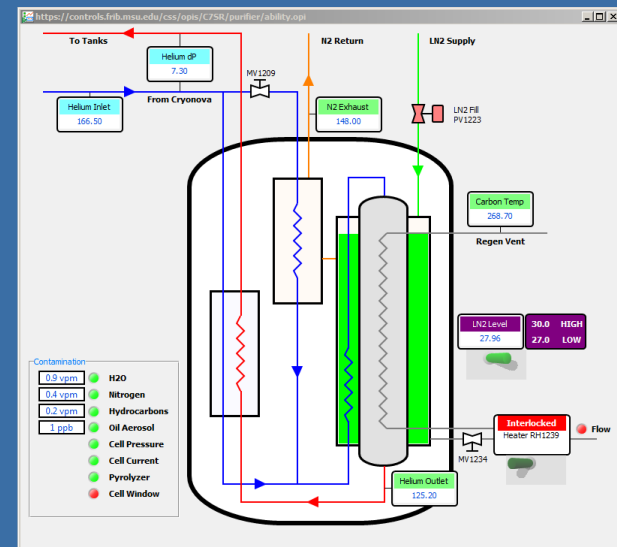
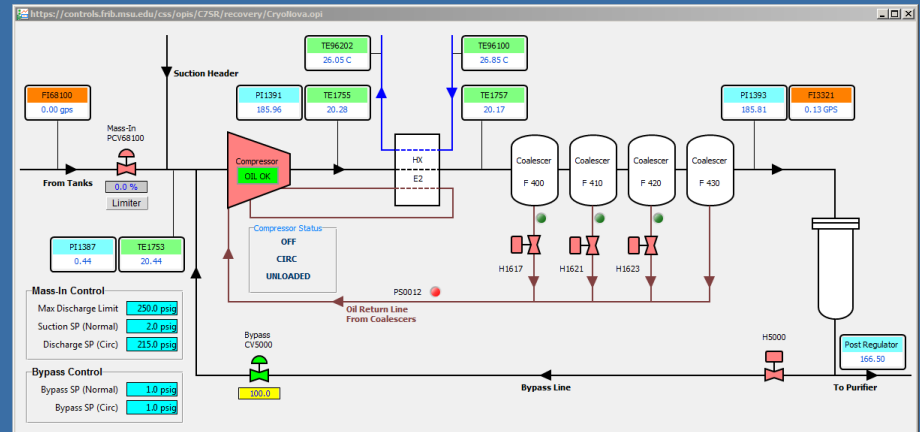
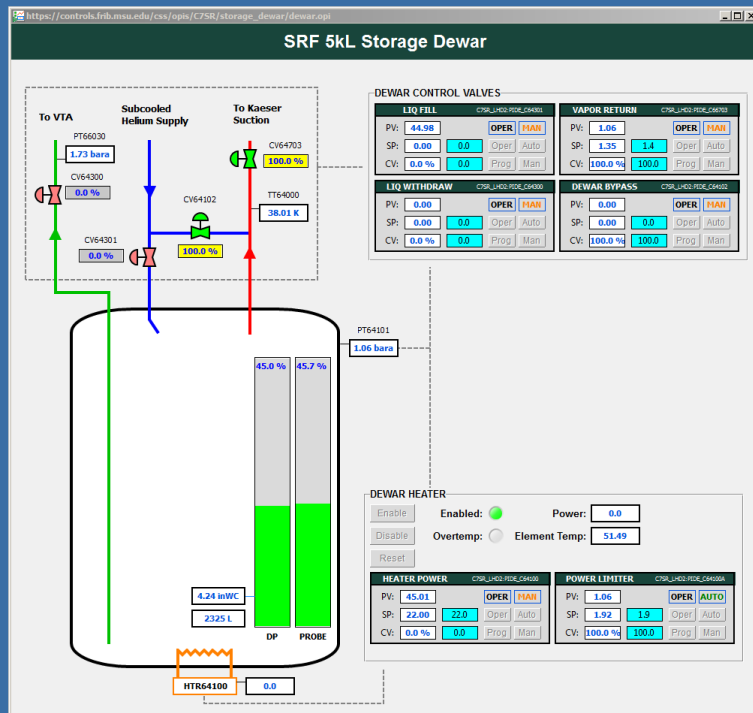


DataHero

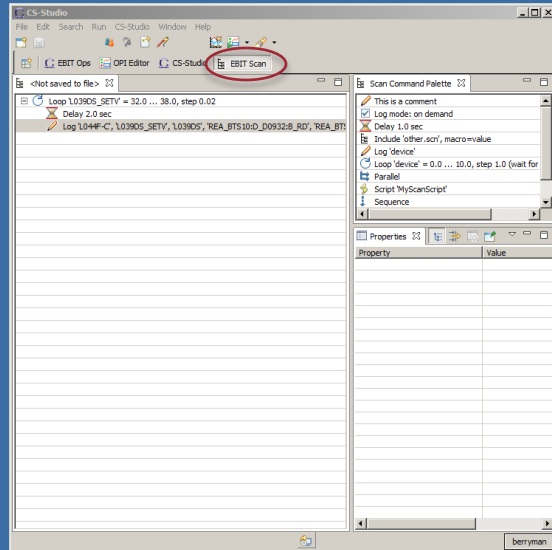
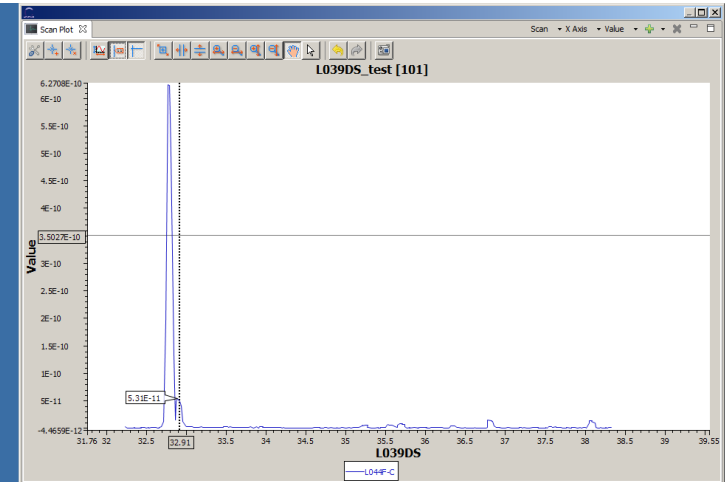
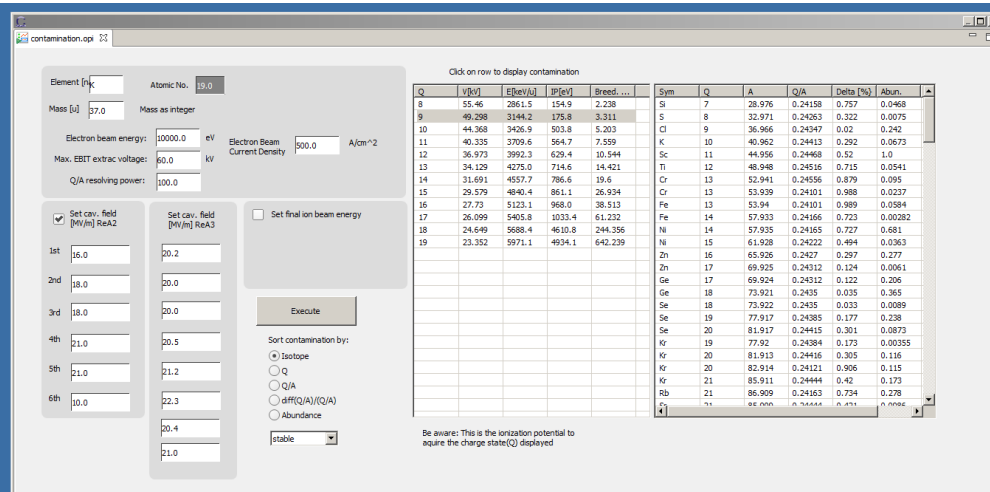
Closing 4.2.x (testing to stable)

- 4.2.x due date end of this month
 - Standalone BOY windows (merged from Diamond)
 - BOY windows are all “Views”, allowing utilization of Eclipse Perspectives
 - Diirt 3
 - Eclipse 4.5
 - CS-Studio template product

Standalone BOY Windows



Eclipse Perspectives



ID	Created	Name	State	%	Runtime	Finish	Command	Error
105	2015-10-07 00:17:29.348	L039DS_test	Aborted		00:07:17	00:24:46	- end -	Aborted
104	2015-10-06 19:56:59.059	L039DS_test	Aborted		00:06:57	20:03:56	- end -	Aborted
103	2015-10-04 11:55:15.576	<Not saved to file>	Aborted		00:08:31	12:03:47	- end -	Aborted
102	2015-10-04 10:58:52.301	<Not saved to file>	Finished - OK		00:10:02	11:08:54	- end -	
101	2015-10-04 10:16:17.468	L039DS_test	Finished - OK		00:10:10	10:26:27	- end -	
100	2015-10-01 17:26:58.313	L039DS_test	Aborted		00:11:06	17:38:05	- end -	Aborted
99	2015-09-29 08:46:49.311	L039DS_test	Finished - OK		00:06:41	09:05:30	- end -	
98	2015-09-22 19:48:46.335	L039DS_test	Finished - OK		00:17:43	20:06:29	- end -	
97	2015-09-22 19:05:32.008	L039DS_test	Finished - OK		00:17:27	19:22:59	- end -	
96	2015-09-22 18:28:24.749	L039DS_test	Finished - OK		00:12:32	18:40:57	- end -	
95	2015-09-22 17:53:06.698	L039DS_test	Aborted		00:16:58	18:10:04	- end -	Aborted
94	2015-09-21 19:43:12.777	L039DS_test	Finished - OK		00:17:15	20:00:27	- end -	
93	2015-09-21 18:51:05.007	L039DS_test	Finished - OK		00:16:58	19:08:03	- end -	
92	2015-09-21 18:14:18.908	L039DS_test	Finished - OK		00:16:59	18:31:18	- end -	
91	2015-09-21 17:21:27.380	L039DS_test	Finished - OK		00:16:55	17:38:22	- end -	

Scan Server Memory: 45.2 / 989.9 MB (4.6 %), Non-Heap: 42.4 MB

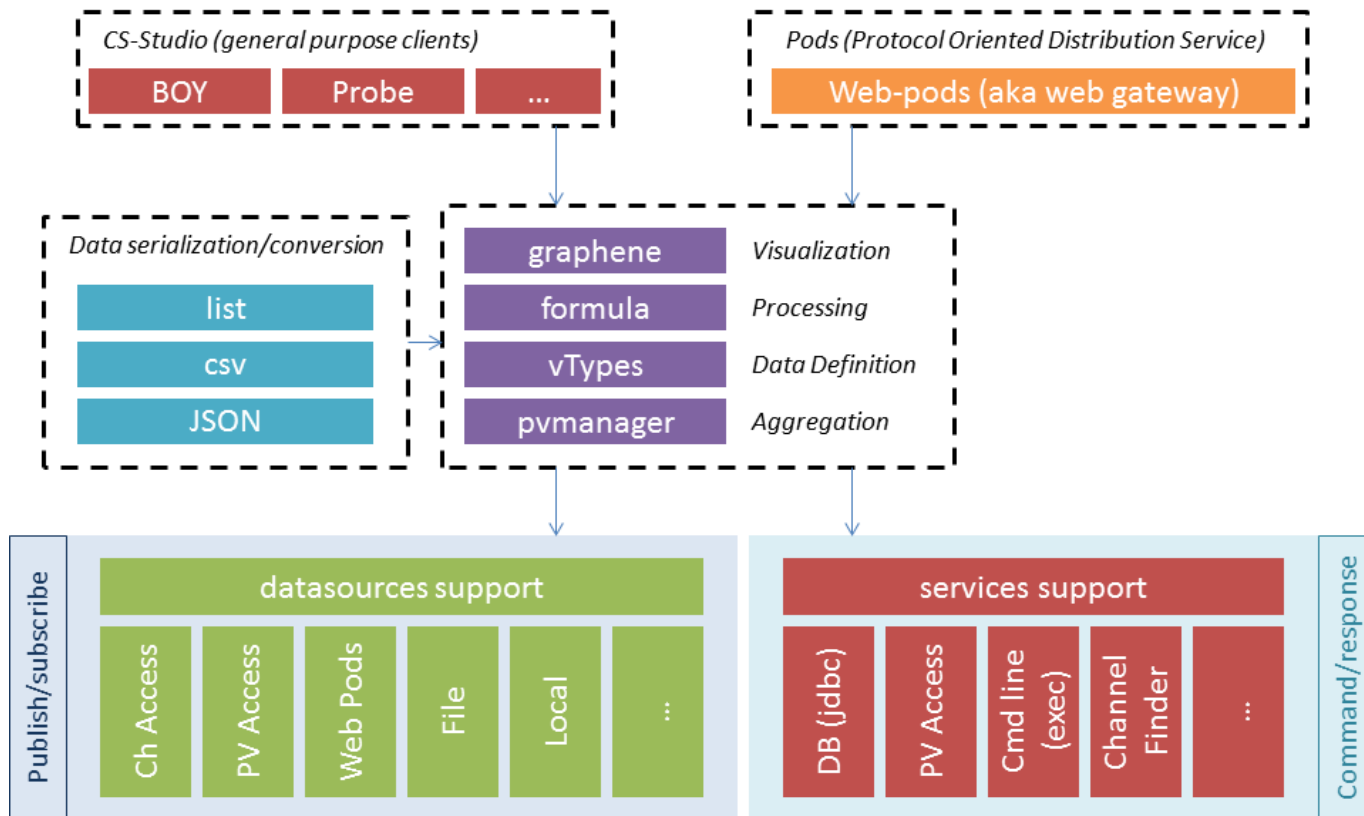
Eclipse Perspectives

The screenshot displays the Eclipse IDE with four distinct perspectives arranged in a multi-view layout:

- REAFEBIT:FGEN_N0002 arbitrary waveform generator:** This perspective shows a graph of a linear ramp waveform. It includes controls for the AFG Channel 2 Status (Output ON/OFF), Period (0.000 sec), and Voltage (0.500 V). It also features a 'Calculate Linear Ramp' section with First and Second Point settings (Time, Voltage) and a 'Send to AFG' button.
- BeamTrans_BTS09-10_HL.tun:** This perspective displays a large table of device parameters. The table has columns for Device, Set/Rd, Tuned, URate, Read, RSet, CSet, and a status column. It lists various devices like REA_BT09DQ_D0873, REA_BT09DQ_D0871, REA_BT09DQ_D0869, etc., with their respective values and status indicators.
- EBIT Cryogenics:** This perspective shows the status of the cryogenic system. It includes a diagram of the cryogenic setup with labels for various components and their temperatures/pressures. Key values include: 1st stage: 68.3 K, 2nd stage: 73.4 K, Gun temp.: 35.13 DegF, Gun flow: 1.23 Gal, He pressure: 1.2 PSIA.
- EBIT:MTER_N0001:** This perspective shows the readout and control for the MTER_N0001 device. It includes a 'Readout' section with a value of 4.000E0 A, a 'Range' section with values 2.1000E-11 A and 2.1000E-4 A, and a 'Relative' section with a value of 0.0000E0 A. It also has buttons for 'Acquire', 'Zero Check', and 'Zero Correct'.

Diirt

Data integration in real time (Diirt) architecture



Eclipse 4.5

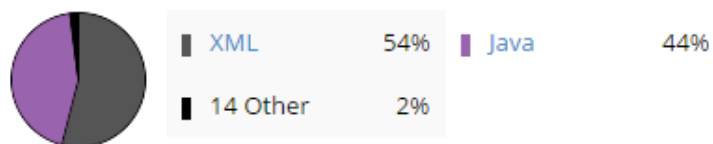
- Customize Perspective Dialog
- UI responsiveness monitoring. Enabled, will put information about UI freezes, for example code that accesses files on the UI thread, into the log, so we can then fix frequent problems
- SWT on Linux can use GTK+ 3 (GTK 2 is also still supported)
- Mac OS X products are proper *.app

Template Product

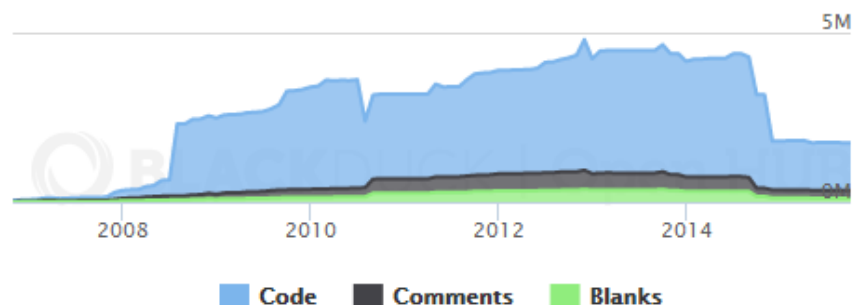
- A template product on github
 - <https://github.com/ControlSystemStudio/org.csstudio.template.product>
- Edit features for your product
 - repository/cs-studio-template.product
- Change icons if you like
 - repository/icons
- Add your site specific configurations
 - features/org.csstudio.template.product.configuration.feature/
rootfiles/configuration/
- All binaries come from our P2 repository
 - <http://download.controlsystemstudio.org/updates/4.2>
 - Update the maven pom.xml file to change the update site to new versions

Still Keeping Clean

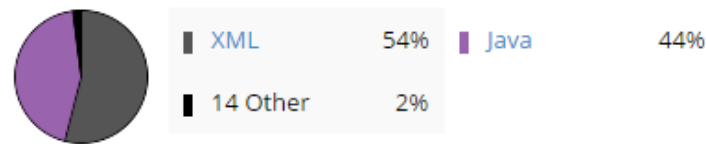
Languages



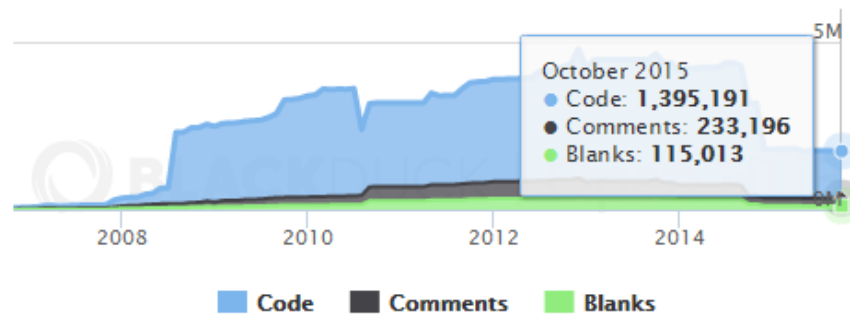
Lines of Code



Languages



Lines of Code



4.3.x (testing)

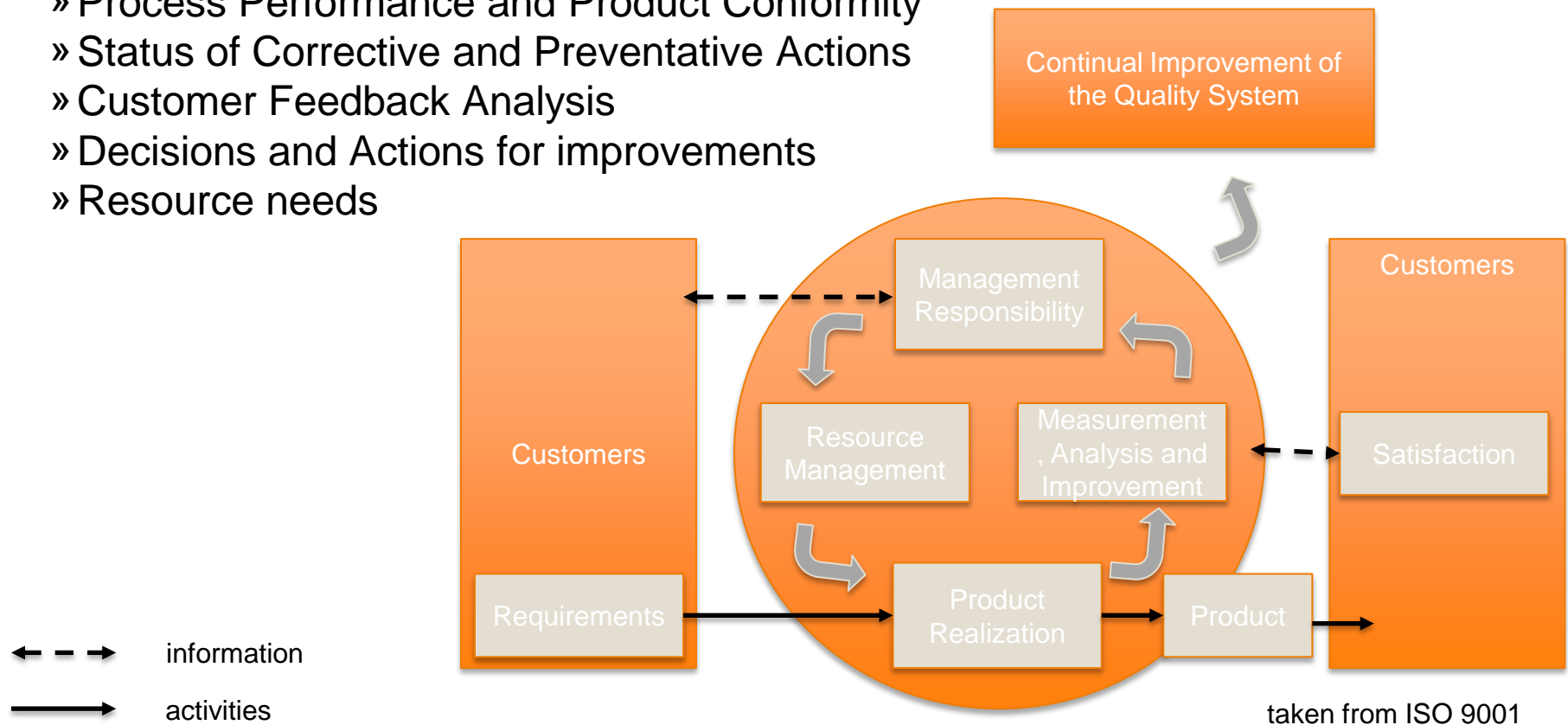
- Have not had 4.3.x project meeting yet, which will be following the Management Review meeting
- 4.3.x due date latest June, projects at the present
 - Simplify users ability to save, load, share, distribute perspectives
 - New Display Builder prototype available for testing
 - Save set restore UI, interface to work with git and MASAR

ISO 9001 Quality Standard

■ Following as a guideline to improve quality

» Management Review

- » Quality Policy and Objectives
- » Process Performance and Product Conformity
- » Status of Corrective and Preventative Actions
- » Customer Feedback Analysis
- » Decisions and Actions for improvements
- » Resource needs

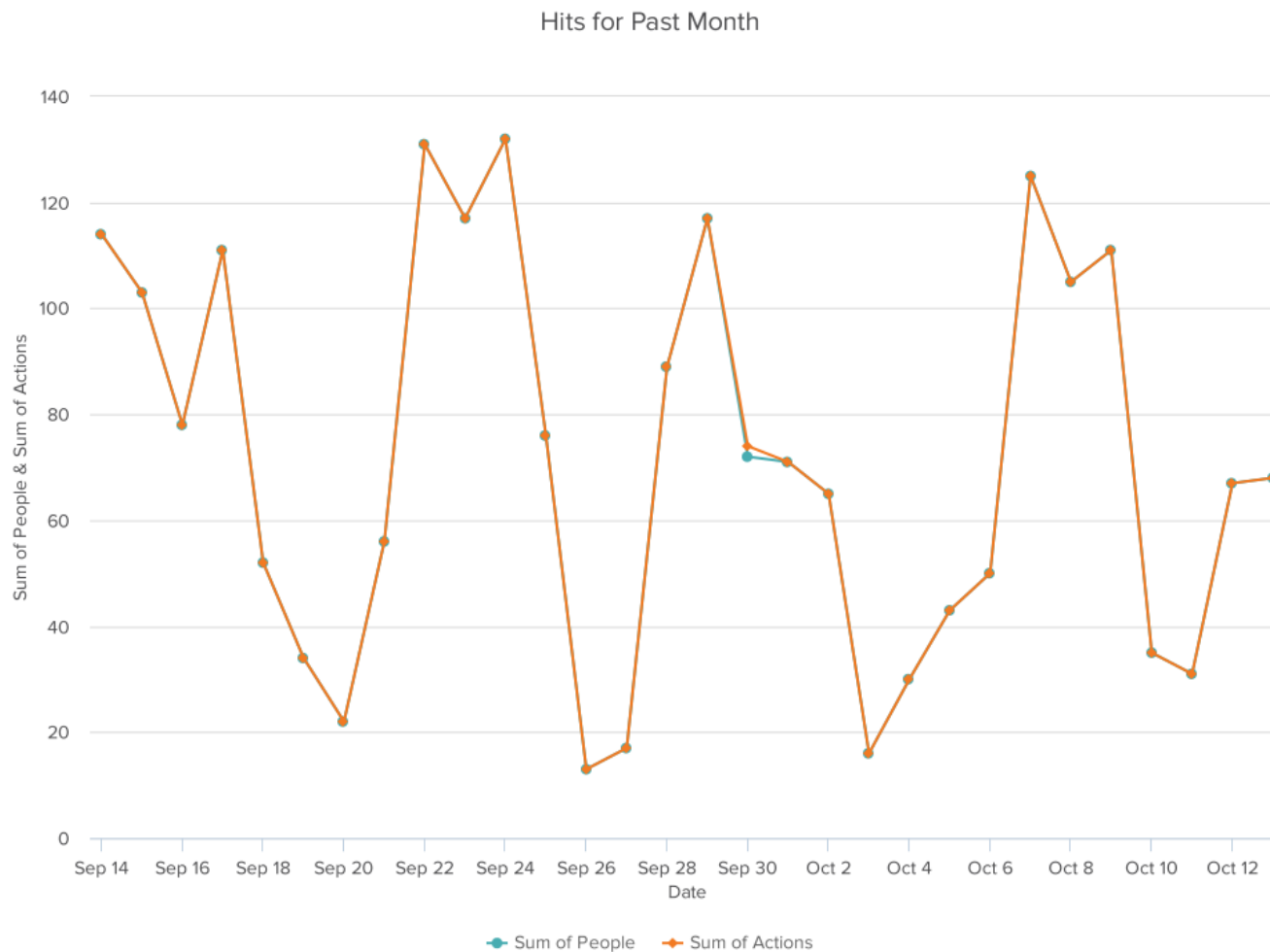


Registered Sites

- Sites that have given a name and contact as “Site Representative”
 - CSIRO
 - CSNS
 - DESY
 - Diamond
 - European Spallation Source (ESS)*
 - Facility for Rare Isotope Beams (FRIB) at MSU
 - GANIL/Spiral2
 - ISIS
 - ITER
 - National Synchrotron Light Source II (NSLSII) at BNL
 - Spallation Neutron Source (ORNL)



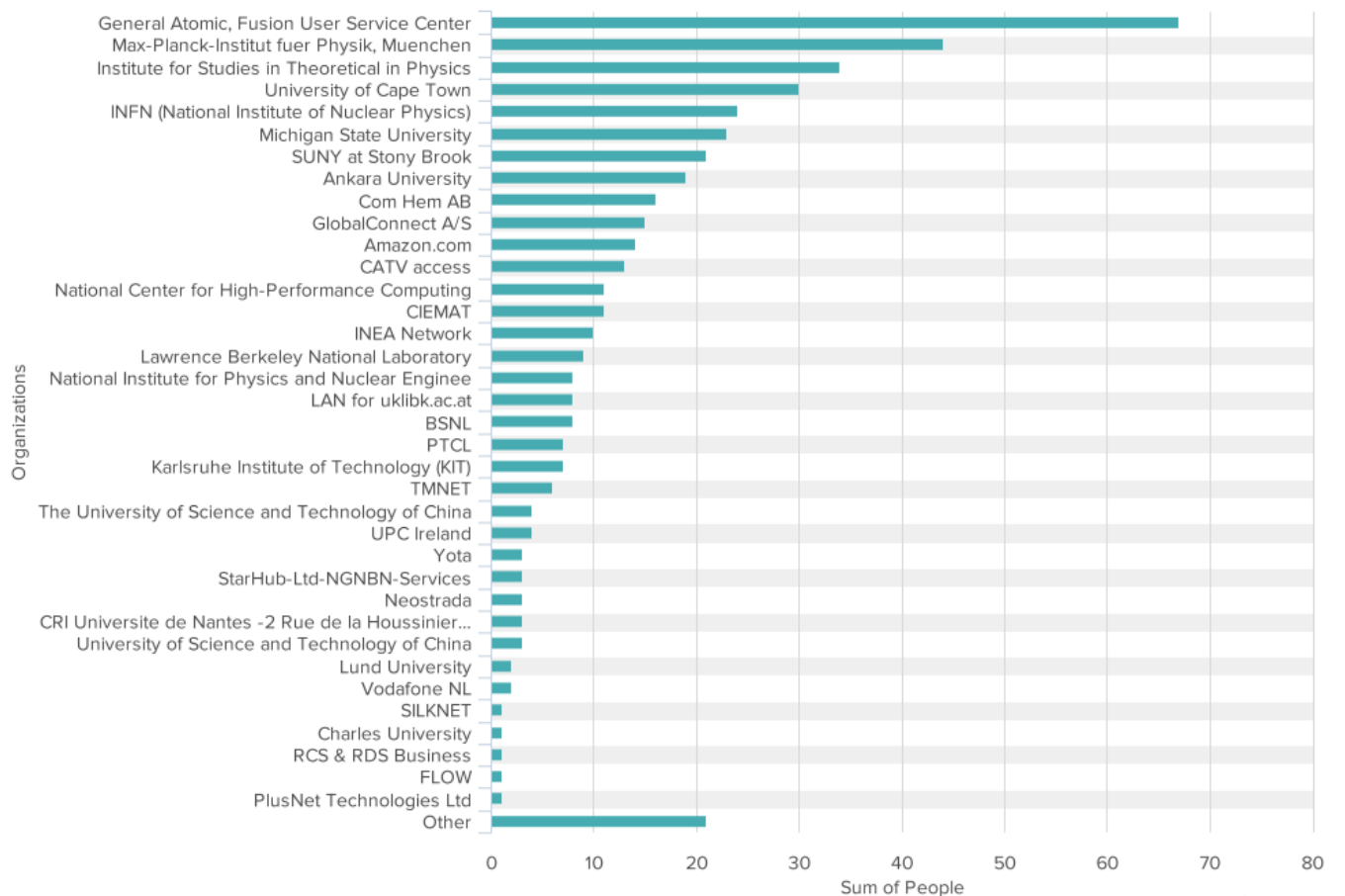
Website Statistics



DataHero

Website Statistics

Organizations Hits in Past Month

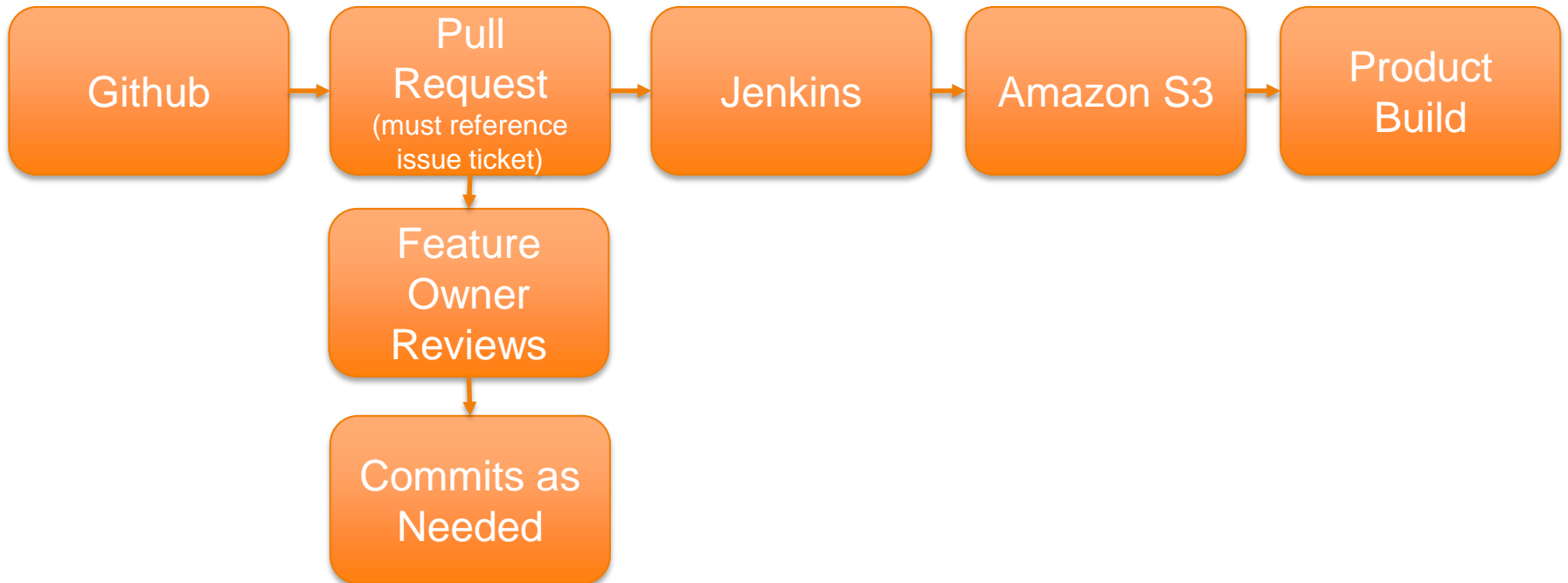


DataHero

How to Contribute

- Fork us Github
 - <https://github.com/ControlSystemStudio/cs-studio>
- Pick an issue/feature or make one
 - <https://github.com/ControlSystemStudio/cs-studio/issues>
- Create a branch in your fork with the fix or feature
- Make a Pull Request with the issue number in the title
- Attend meetings, know the release schedule, subscribe to mailing list

Development Process



Development Process

bug fix #1081 macro substitution #1092

Merged

berryma4 merged 3 commits into `ControlSystemStudio:master` from `berryma4:master` 16 days ago

Conversation 9

Commits 3

Files changed 2

+97 -54



berryma4 commented 21 days ago

Owner

I see a lot of issues here. I tried my best to only address the macro issue. @shroffk @kasemir could you test also.

 bug fix #1081 macro substitution cf2b6a6

 berryma4 added this to the 4.1.0 - testing (master) milestone 21 days ago



berryma4 commented 21 days ago

Owner

fixes #1081



kasemir commented 20 days ago

Owner

It may be early next week that I get around to test it.
Having a build problem right now related to `org.csstudio.applications.all` feature still listing the alarm plugins which are in their own submodule, and the recently added `org.csstudio.ui.resources`. Once I figure that out, may like to get that pulled first.



berryma4 commented 20 days ago

Owner

@shroffk the `applications.all` feature should be removed. It was a catch all that shouldn't be needed with the directories split.

Labels

None yet

Milestone

4.1.0 - testing (...)

Assignee

No one—assign yourself

Notifications

Unsubscribe

You're receiving notifications because you modified the open/close state.

3 participants

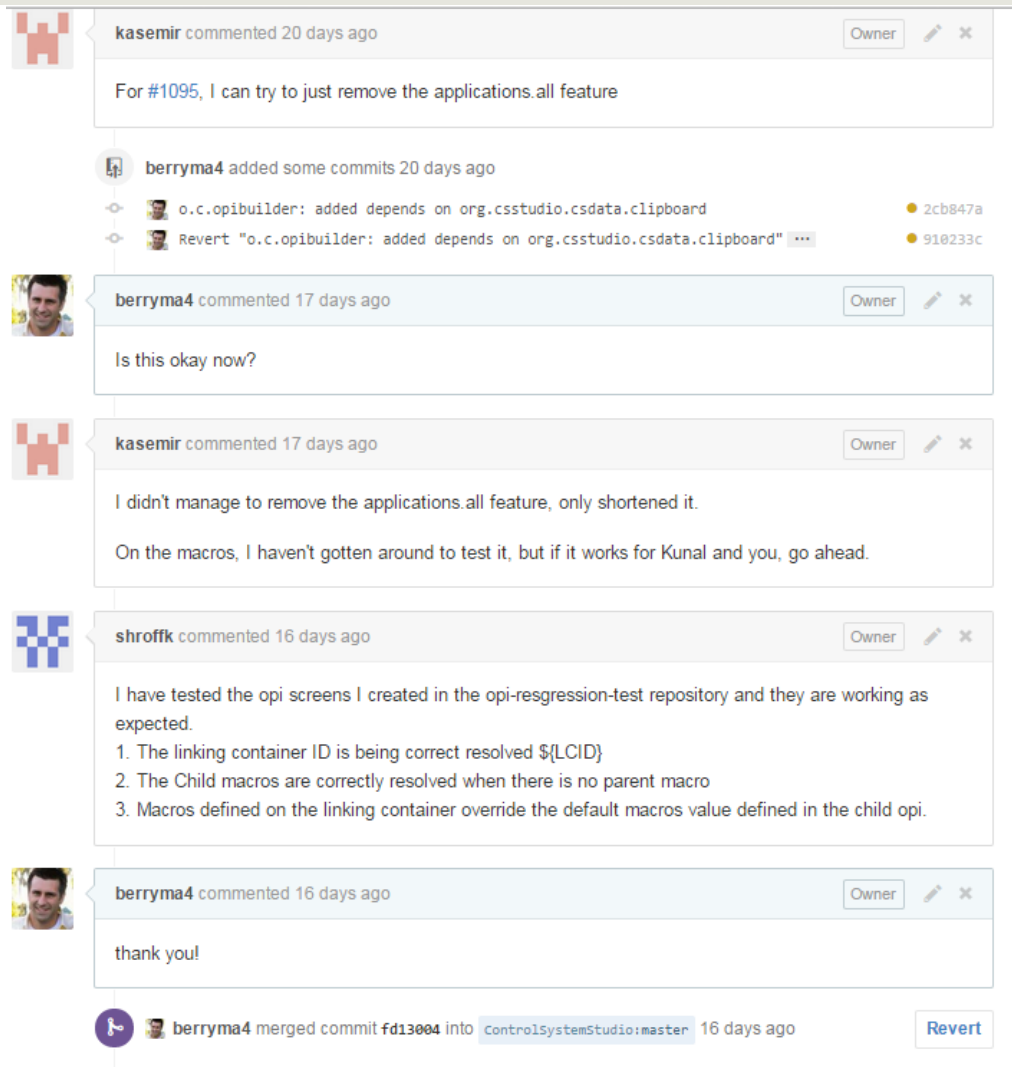
Lock pull request

FRIB 

Facility for Rare Isotope Beams
U.S. Department of Energy Office of Science
Michigan State University

E. Berryman, October 2015 EPICS Collaboration Meeting, Slide 23

Development Process

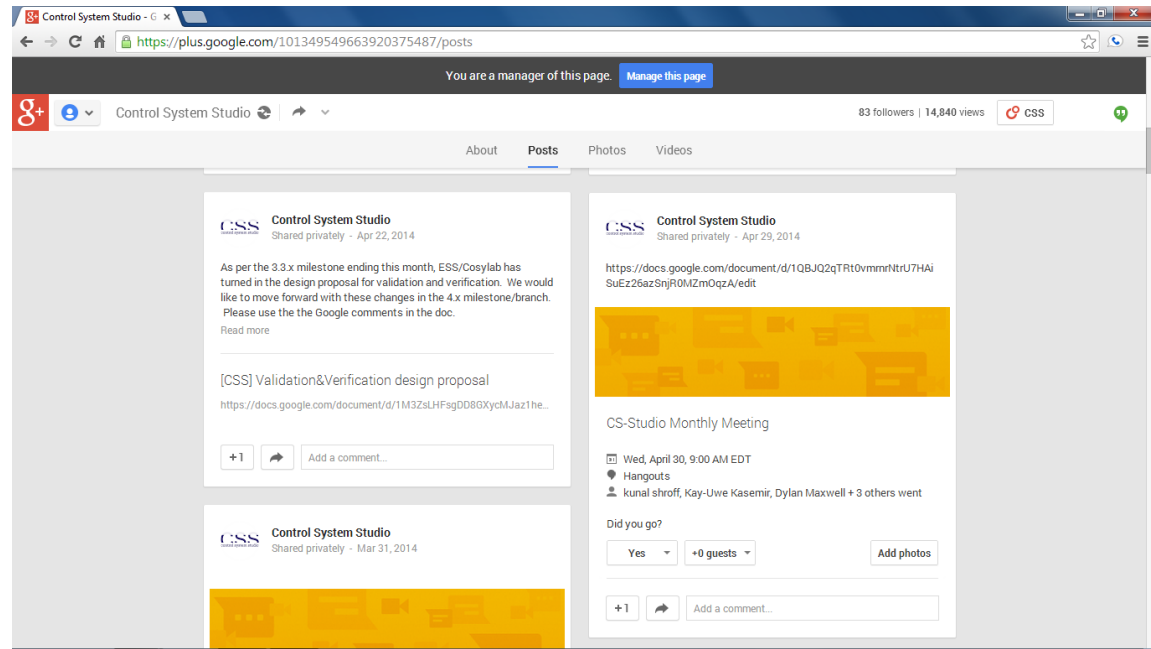


The screenshot shows a GitHub pull request conversation for issue #1095. The conversation is as follows:

- kasemir** commented 20 days ago: "For #1095, I can try to just remove the applications.all feature"
- berryma4** added some commits 20 days ago:
 - o.c.opibuilder: added depends on org.csstudio.csdata.clipboard (2cb847a)
 - Revert "o.c.opibuilder: added depends on org.csstudio.csdata.clipboard" (910233c)
- berryma4** commented 17 days ago: "Is this okay now?"
- kasemir** commented 17 days ago: "I didn't manage to remove the applications.all feature, only shortened it. On the macros, I haven't gotten around to test it, but if it works for Kunal and you, go ahead."
- shroffk** commented 16 days ago: "I have tested the opi screens I created in the opi-regression-test repository and they are working as expected."
 1. The linking container ID is being correct resolved `#{LCID}`
 2. The Child macros are correctly resolved when there is no parent macro
 3. Macros defined on the linking container override the default macros value defined in the child opi.
- berryma4** commented 16 days ago: "thank you!"
- berryma4** merged commit `fd13004` into `ControlSystemStudio:master` 16 days ago

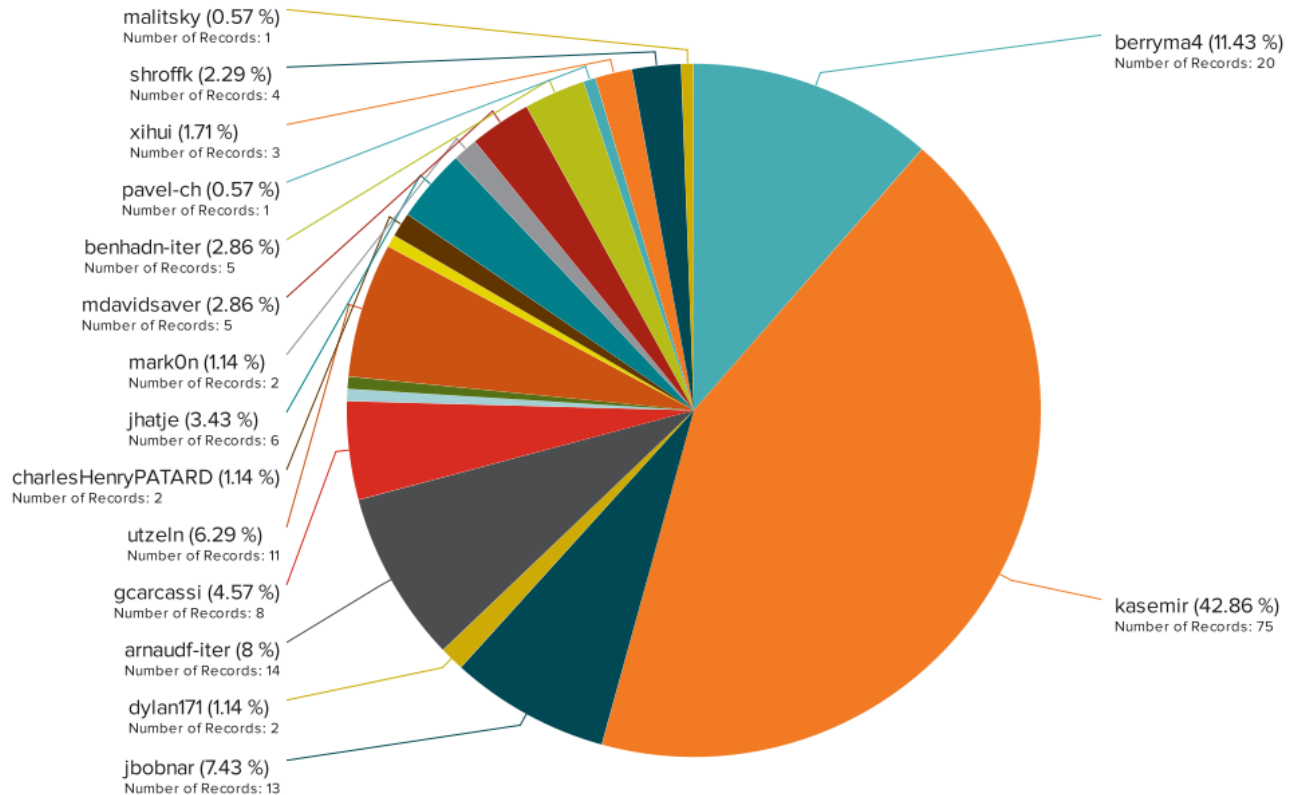
Attend Meetings

- We use Google Hangouts to share our progress and discuss issues
 - Follow us on Google Plus
 - <https://plus.google.com/101349549663920375487/posts>
 - Meetings are posted (viewable after being added to group)
 - First Wednesday of the month (9am EST)
 - Project group meet once a week when actively developing



Feedback from Issues

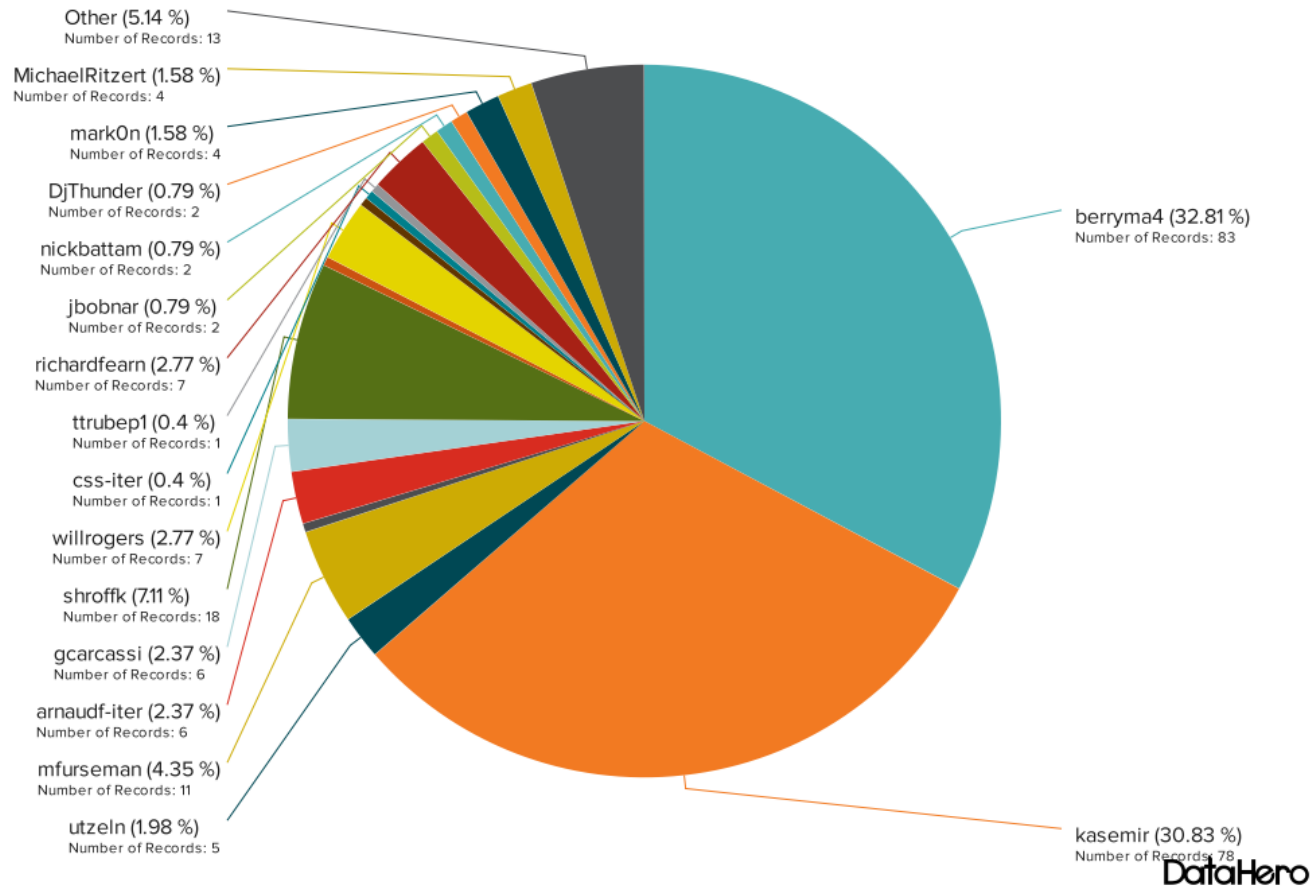
Issue Creation Breakdown by Person (3.3.x testing branch)



DataHero

Feedback from Issues

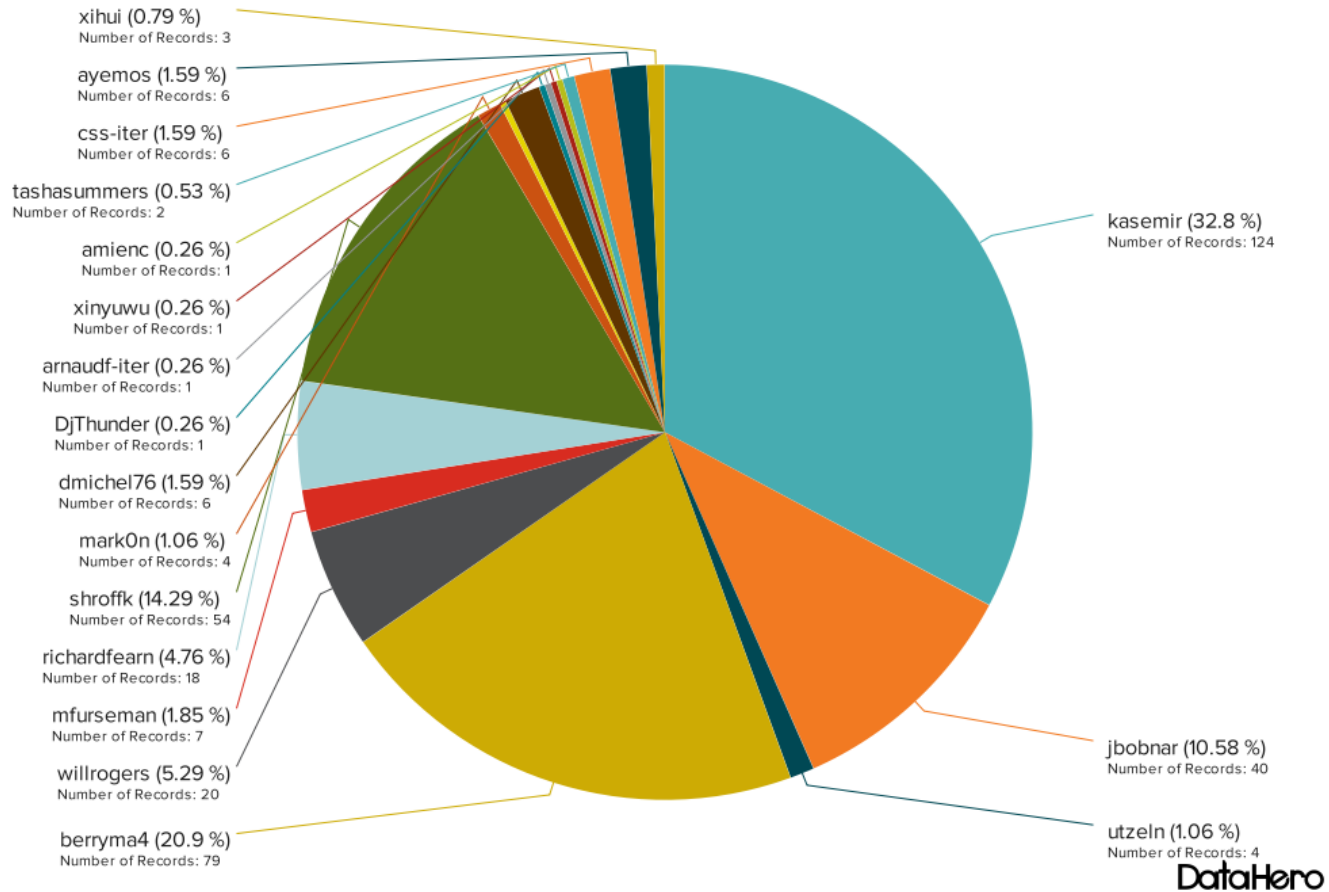
Issue Creation Breakdown by Person (4.0.x testing branch)



DataHero

Feedback from Issues

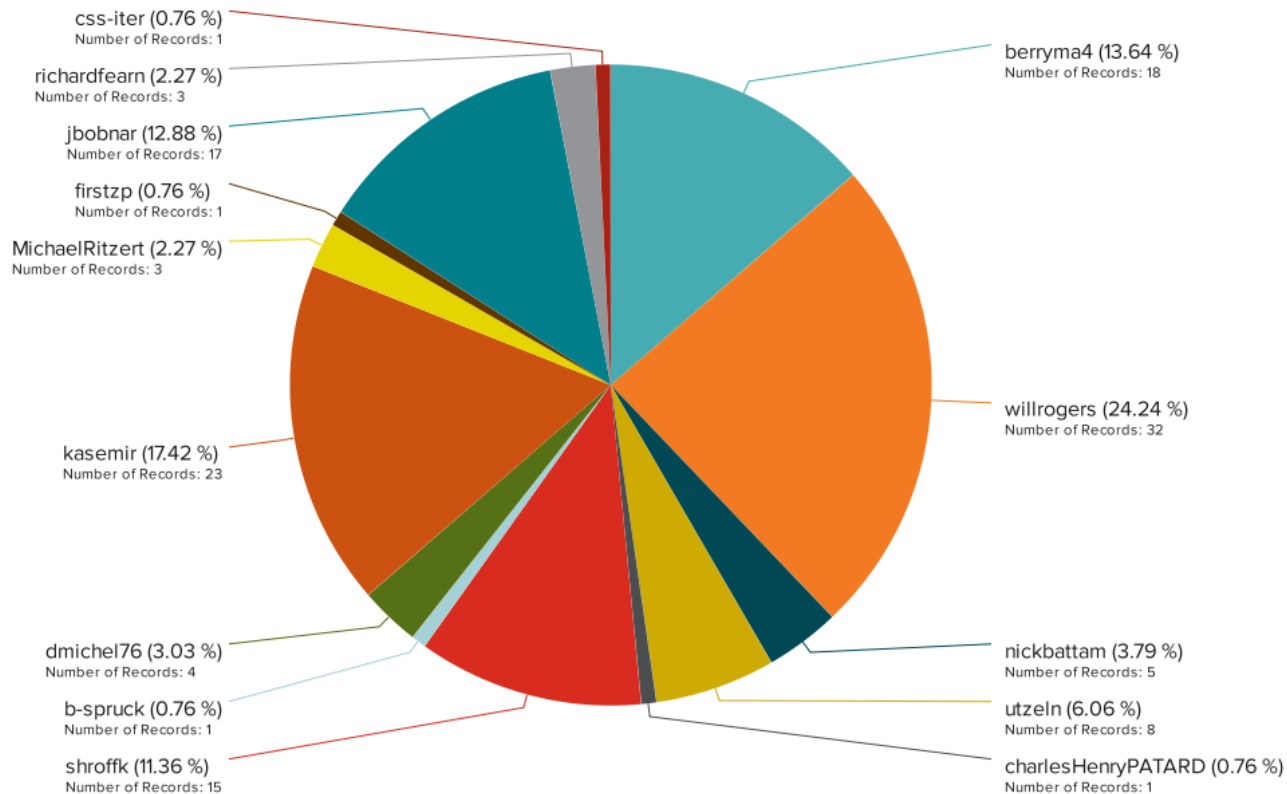
Issue Creation Breakdown by Person (4.1.x testing branch)



DataHero

Feedback from Issues

Issue Creation Breakdown by Person (4.2.x testing branch)



DataHero