

Bugzilla ES Cluster

<https://wiki.mozilla.org/BMO/ElasticSearch>

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Engineering Productivity

What's the BZ ES Cluster?

- A public web service
- Historical snapshots of all public bugs for all time.
- Only 10 min behind Bugzilla

What Data?

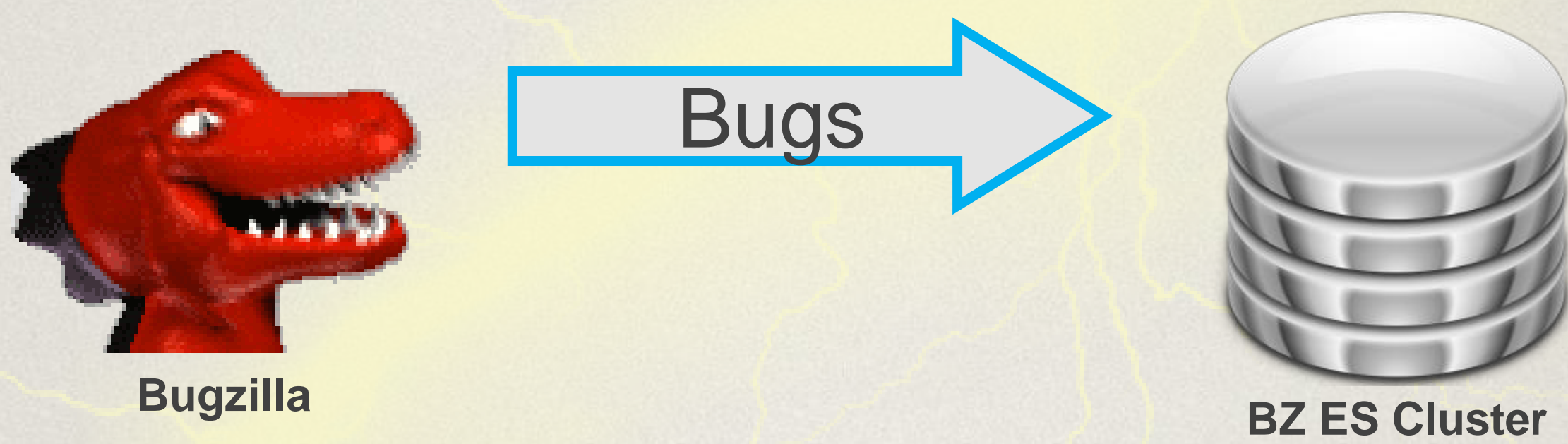


Bugzilla

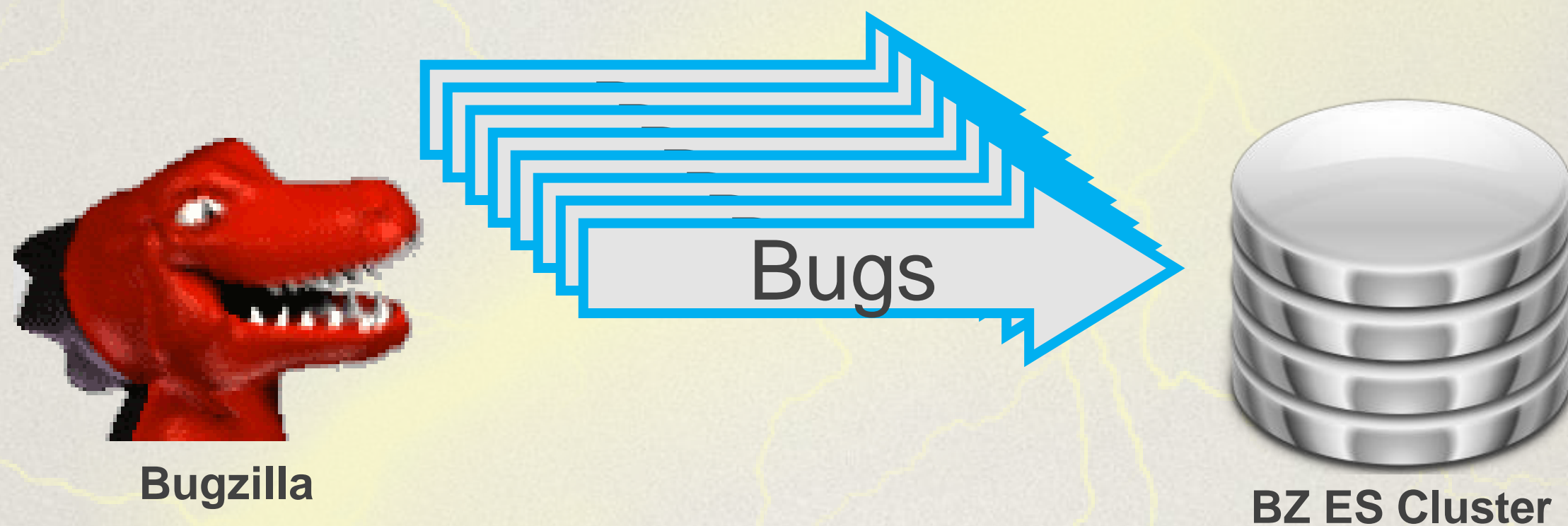


BZ ES Cluster

What Data?

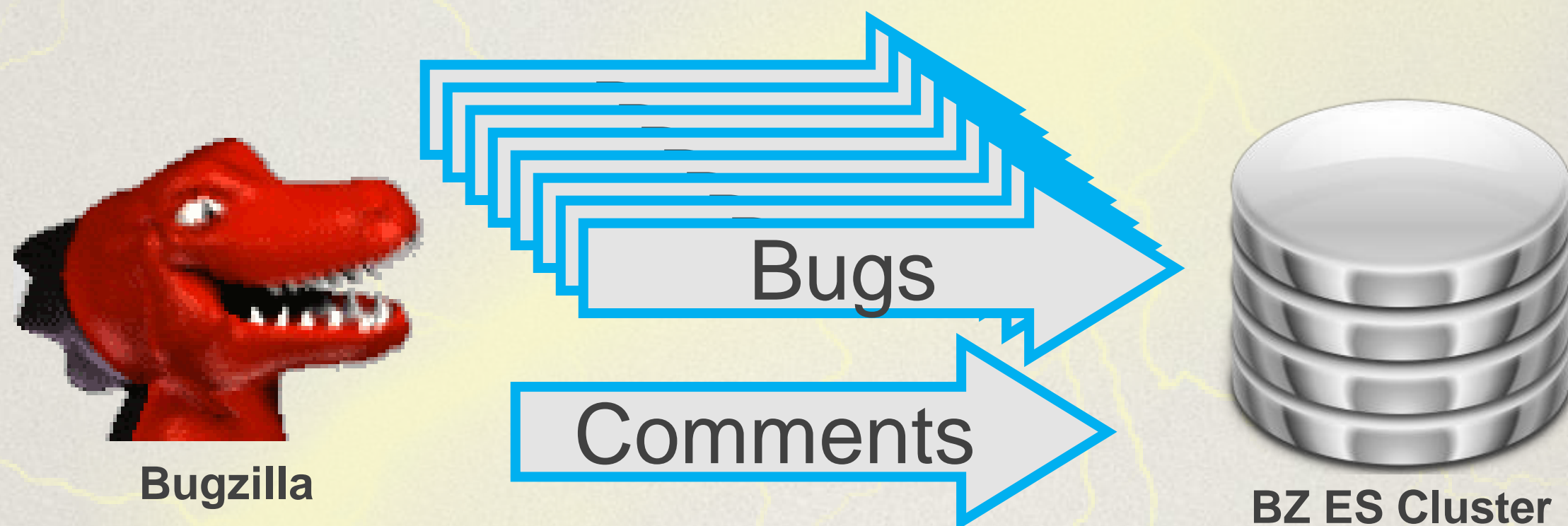


What Data?



History of all bugs (75million records)

What Data?



11million comment records

Why?

- Make historical queries easy to phrase
- Make complex queries fast
- Ask for large amounts of data
- Not meant for current bug state

Dashboards

No Program, Product or Component Selected.

Page Loading...

Summarize number of of bugs over the sample given

This is best used on a small number of bugs because details must be brought to the client for further processing

Only bugs that had activity in the year prior to the Start Date are counted

Mozilla public bugs cluster

ES Last Updated Dec 07 @ 18:01(10GMT)

Start Date 2016-07-31

End Date 2016-12-10

Interval week

Selection Summary

Programs: All

Products: All

Components: All

Hold CTRL while clicking to multi-select and deselect from the lists below.

Programs

Products

Components

Dashboards

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Page Loading...

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▶ Programs

▶ Products

▶ Components

Start here

<https://people-mozilla.org/~klahnakoski/modevmetrics/Bug-Counts.html>

Dashboards

The screenshot shows a web dashboard for Mozilla bug counts. On the left is a sidebar with filters and a 'Page Loading...' status. The main content area is mostly blank, with a message at the top: 'No Program, Product or Component Selected.' A red circle highlights this message, and a red arrow points from the text 'Notice, it's blank' to the empty space below it.

No Program, Product or Component Selected.

Page Loading...

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Dashboards

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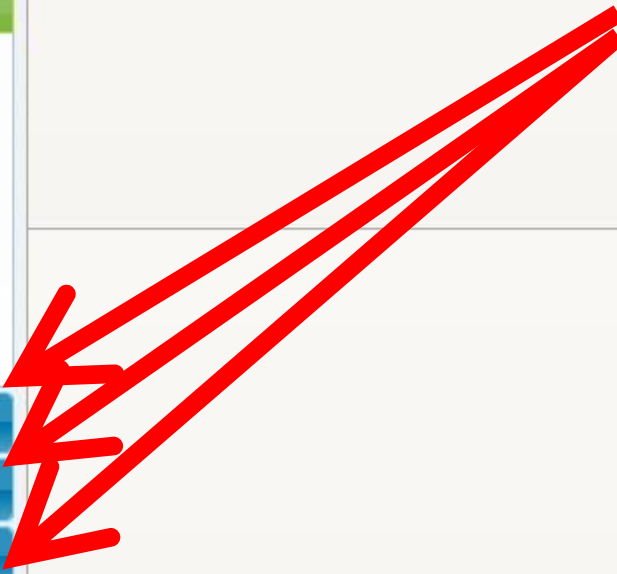
Hold CTRL while clicking to multi-select and deselect from the lists below.

▶ Programs

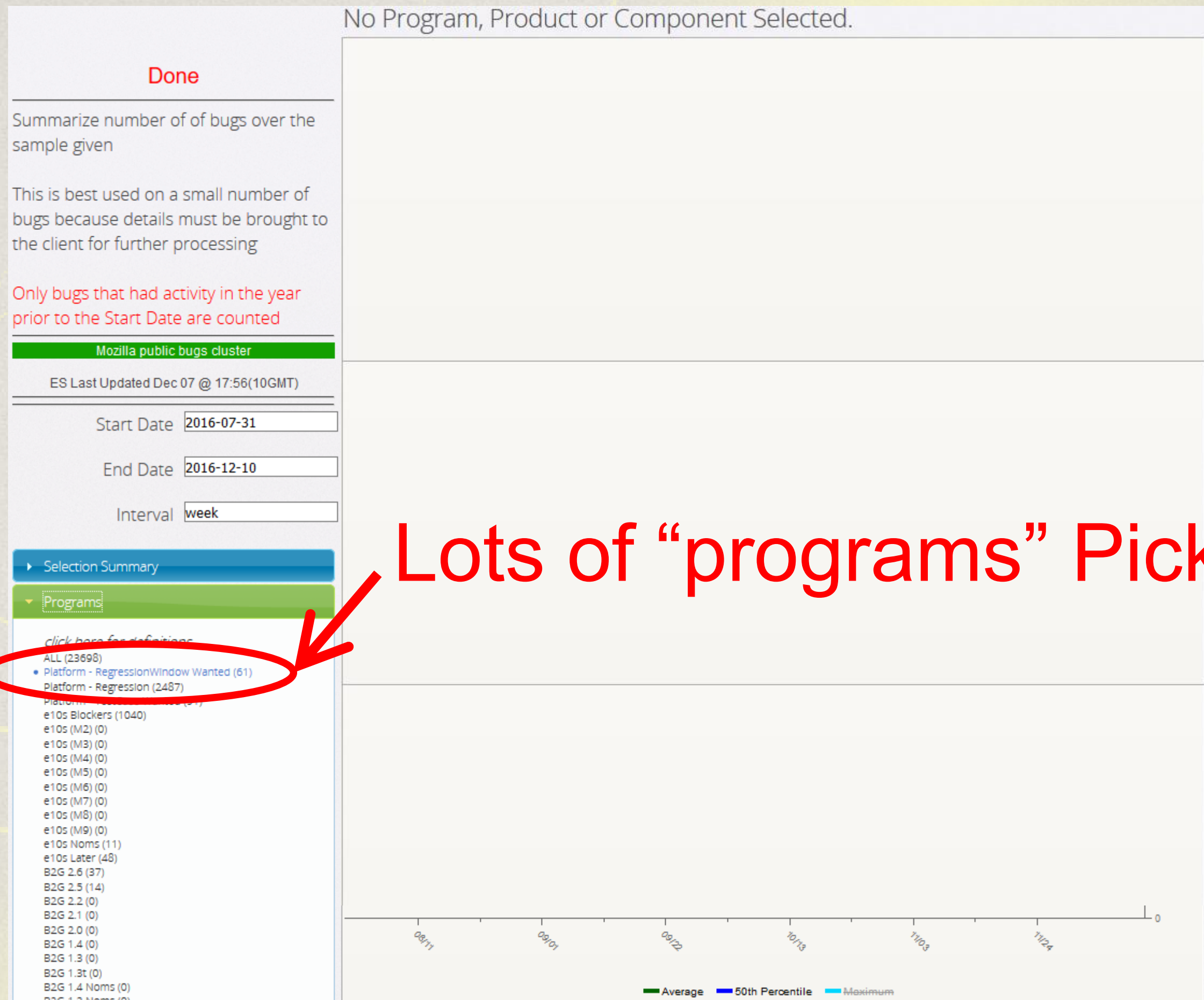
▶ Products

▶ Components

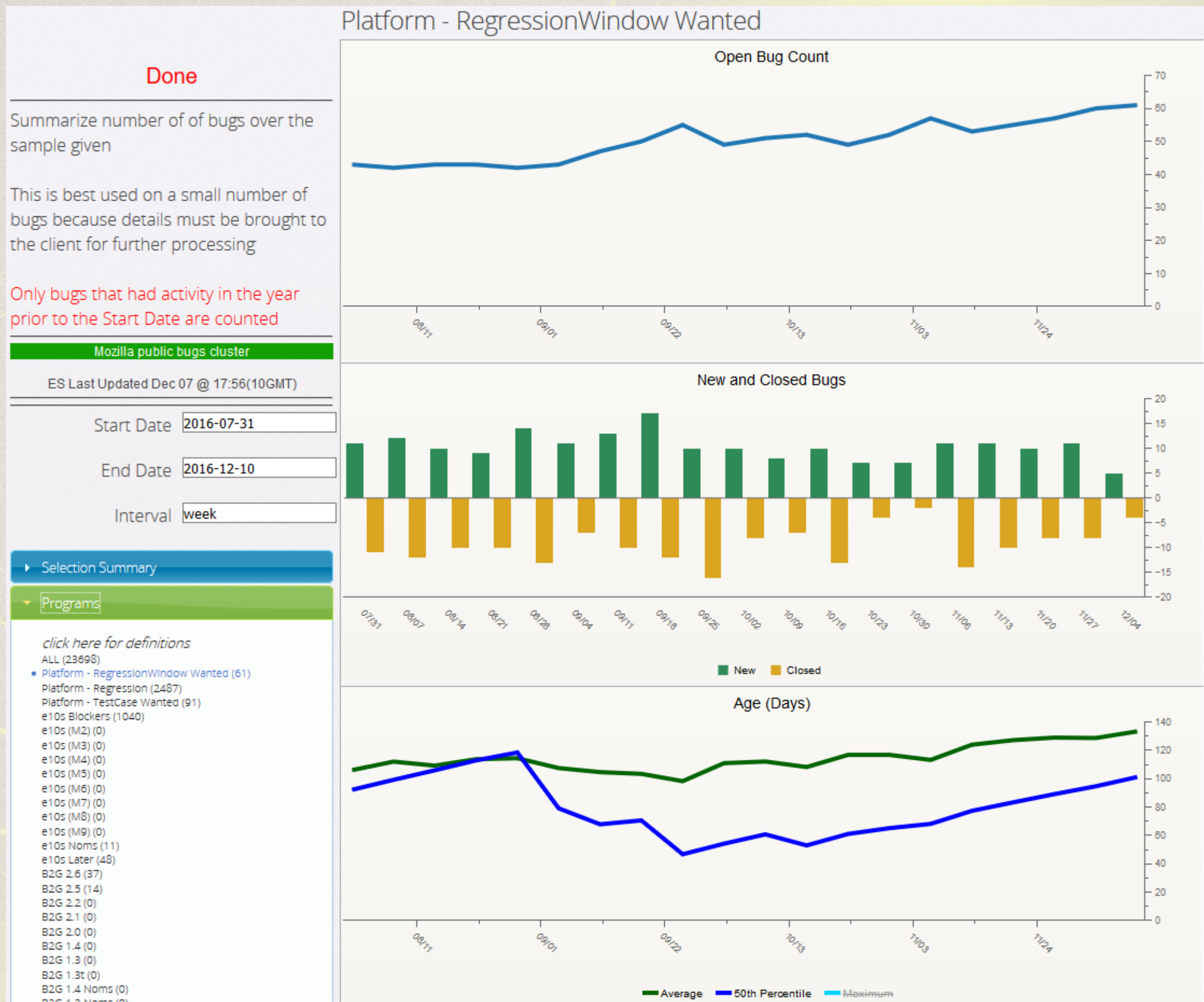
Pick a filter



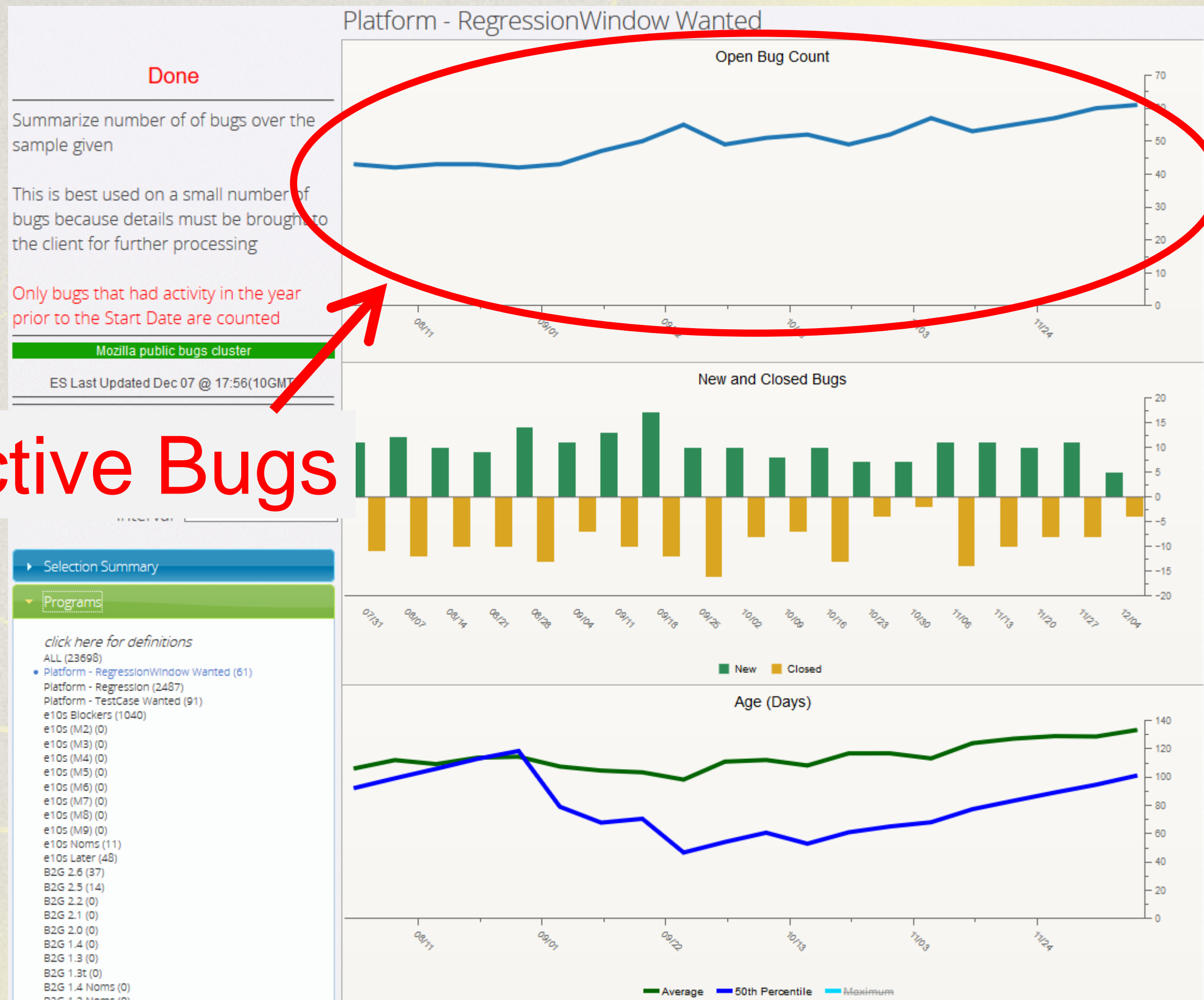
Dashboards



Dashboards



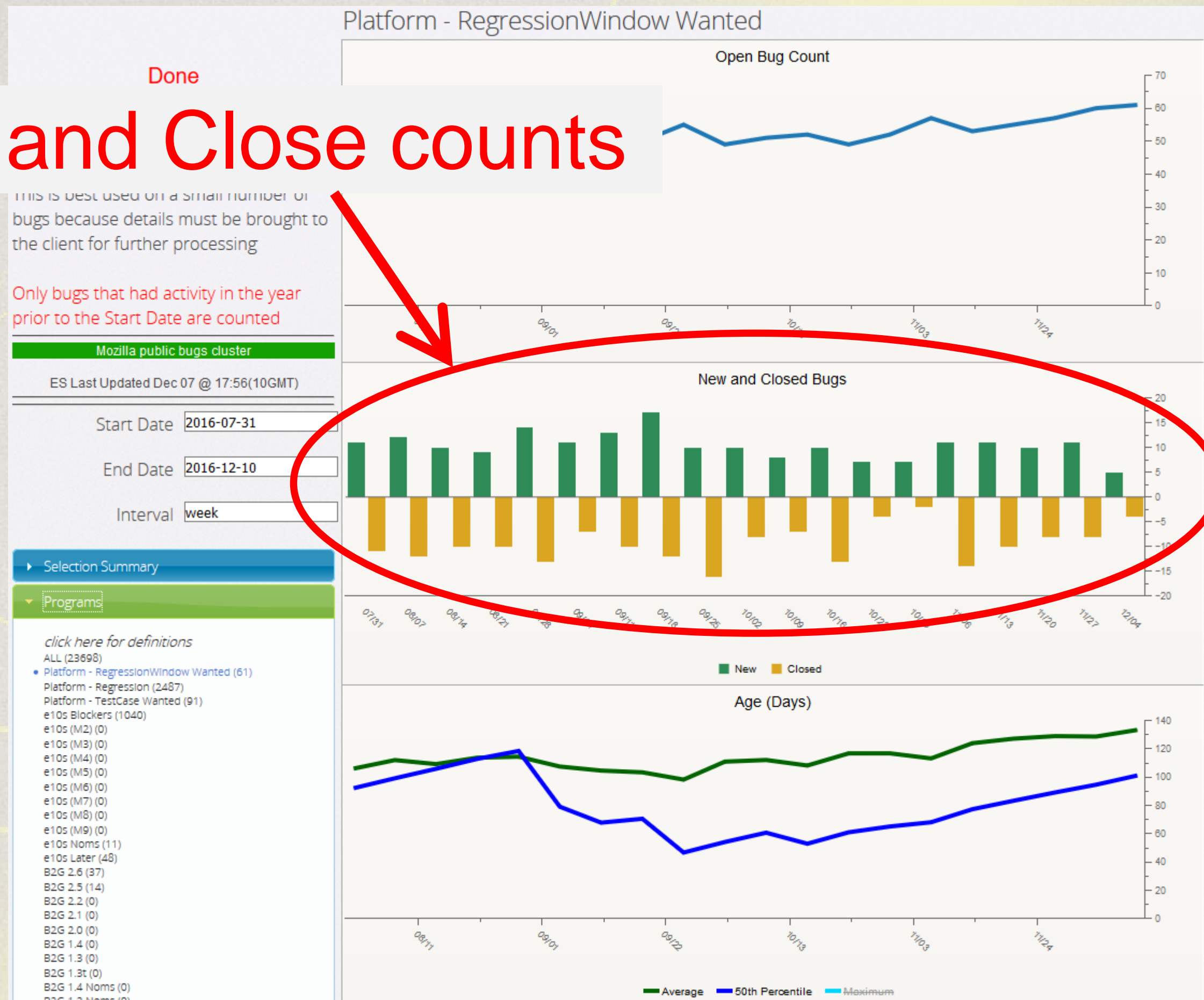
Dashboards



Total active Bugs

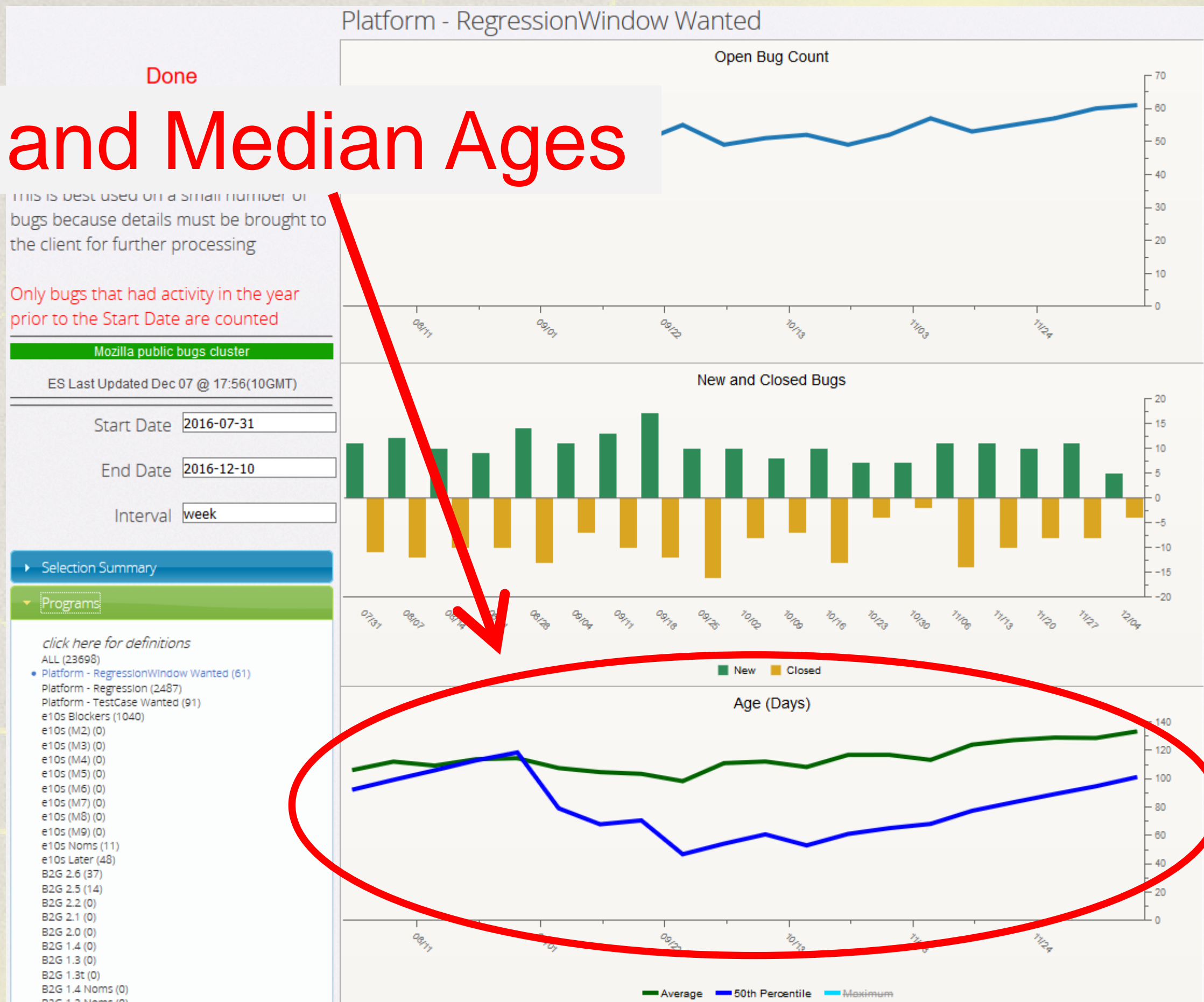
Dashboards

Open and Close counts



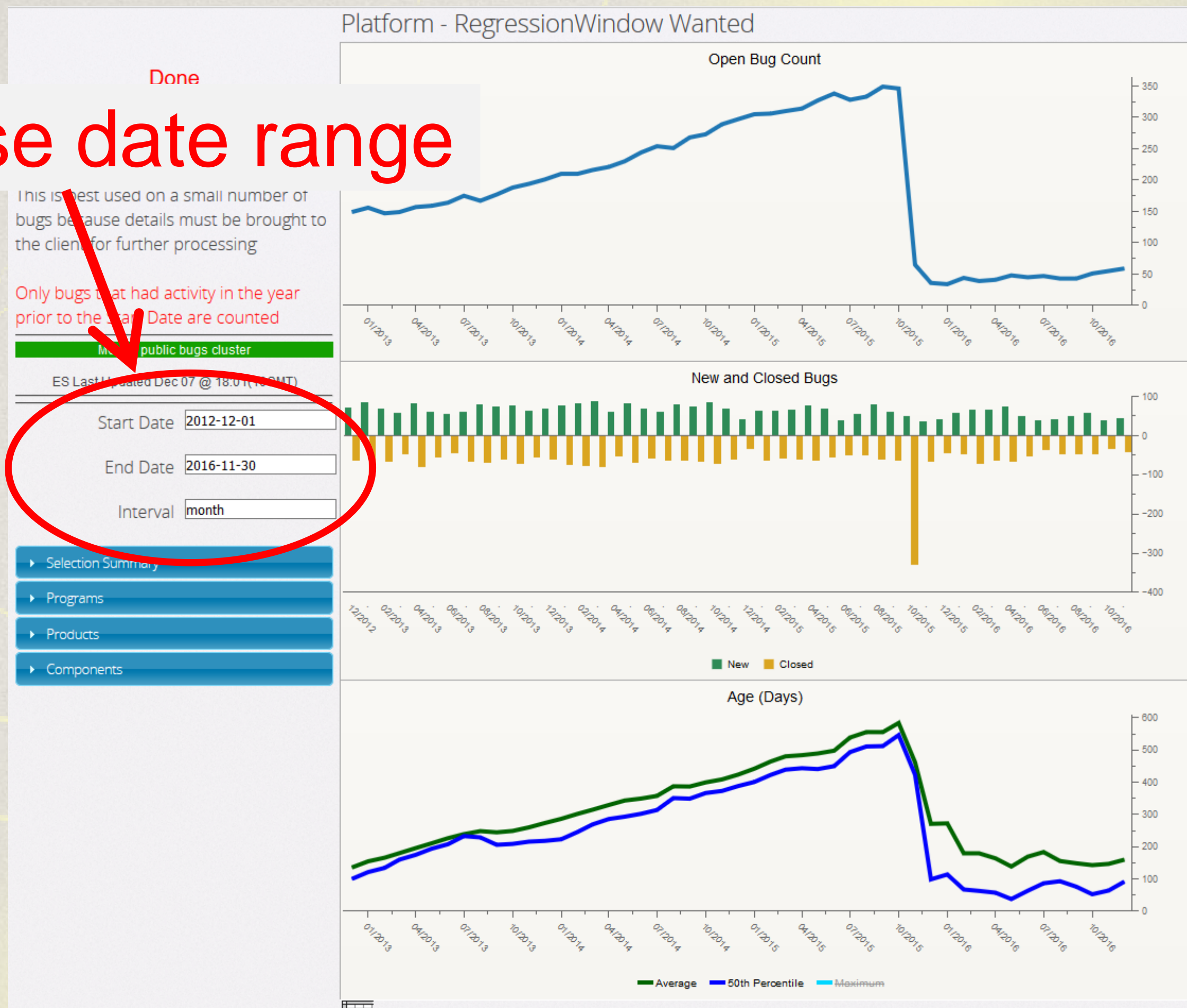
Dashboards

Mean and Median Ages



Dashboards

Choose date range



Dashboards



<https://people-mozilla.org/~klahnakoski/bugzilla/>

Dashboards

The Bugzilla logo, with 'Bug' in blue, 'zilla' in green, and a yellow lightning bolt graphic above the 'i'.A screenshot of the Bugzilla search interface. It shows the 'Bugzilla' logo, a search bar containing the text 'activedata', and a list of search results. The results include bug IDs, titles, and status information, such as '1305254 - [ETL] Missing Import does not raise error' and '1304432 - Intermittent browser/components/originattributes/test/browser/bro...'.

Bugzilla

activedata

[1305254 - \[ETL\] Missing Import does not raise error](#)

last_resolved=Sep 24, 2016

Sep 25, 2016 - <https://github.com/klahnakoski/ActiveData-ETL/commit/a94e8531952a9666a2b9e3d34ce...>

[1304432 - Intermittent browser/components/originattributes/test/browser/bro...](#)

status_firefox53=fixed,status_firefox51=unaffected,status_firefox52=fixed,last_resolved=N...

Nov 22, 2016 - thanks for ping me on this :ehsan. I know that Kyle has looked into tracking per test fail...

[1308644 - Add more properties to unittests from taskcluster](#)

Oct 08, 2016 - All the unittests from TC are in **ActiveData**, but there markup is different from buildbot. At t...

[1305583 - reftest logs missing test result](#)

Oct 08, 2016 - So what normally happens is we buffer logs that are unimportant, and then only print them ...

[1309841 - tresize generating a lot of nans](#)

Oct 13, 2016 - **ActiveData**'s ETL pipeline noticed a lot of nans coming from tresize:

> File "/home/ubuntu/**ActiveData**-ETL/activedata_etl/transforms/perfherder_logs_to_perf_logs.py", line 3...

[1311468 - Allow external tools partial access to a read-only replica of the pr...](#)

last_resolved=Nov 17, 2016

Oct 20, 2016 - For redash (bug XXX) and maybe other applications (**ActiveData**?), it would be nice to hav...

[1309349 - Too many code coverage artifacts per day!](#)

last_resolved=Nov 30, 2016

Oct 12, 2016 - No need to do extra work for a short term solution. I stopped ingestion of coverage, for now...

<https://people-mozilla.org/~klahnakoski/bugzilla/>

Ubiquitous Data!

- Accessible data
- Easy to query
- Fast response time

Ubiquitous Data!



BZ ES Cluster

Ubiquitous Data!

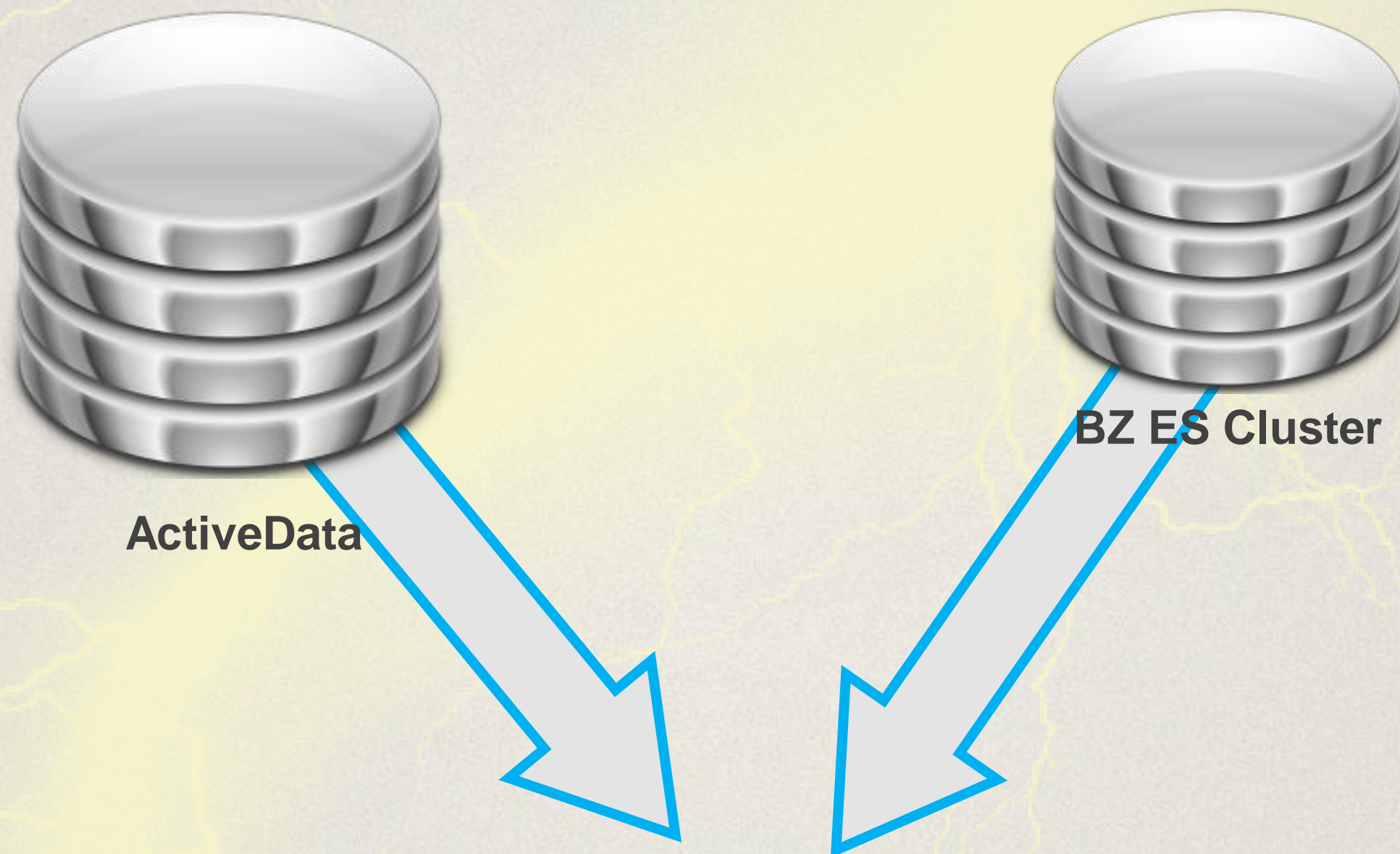


ActiveData

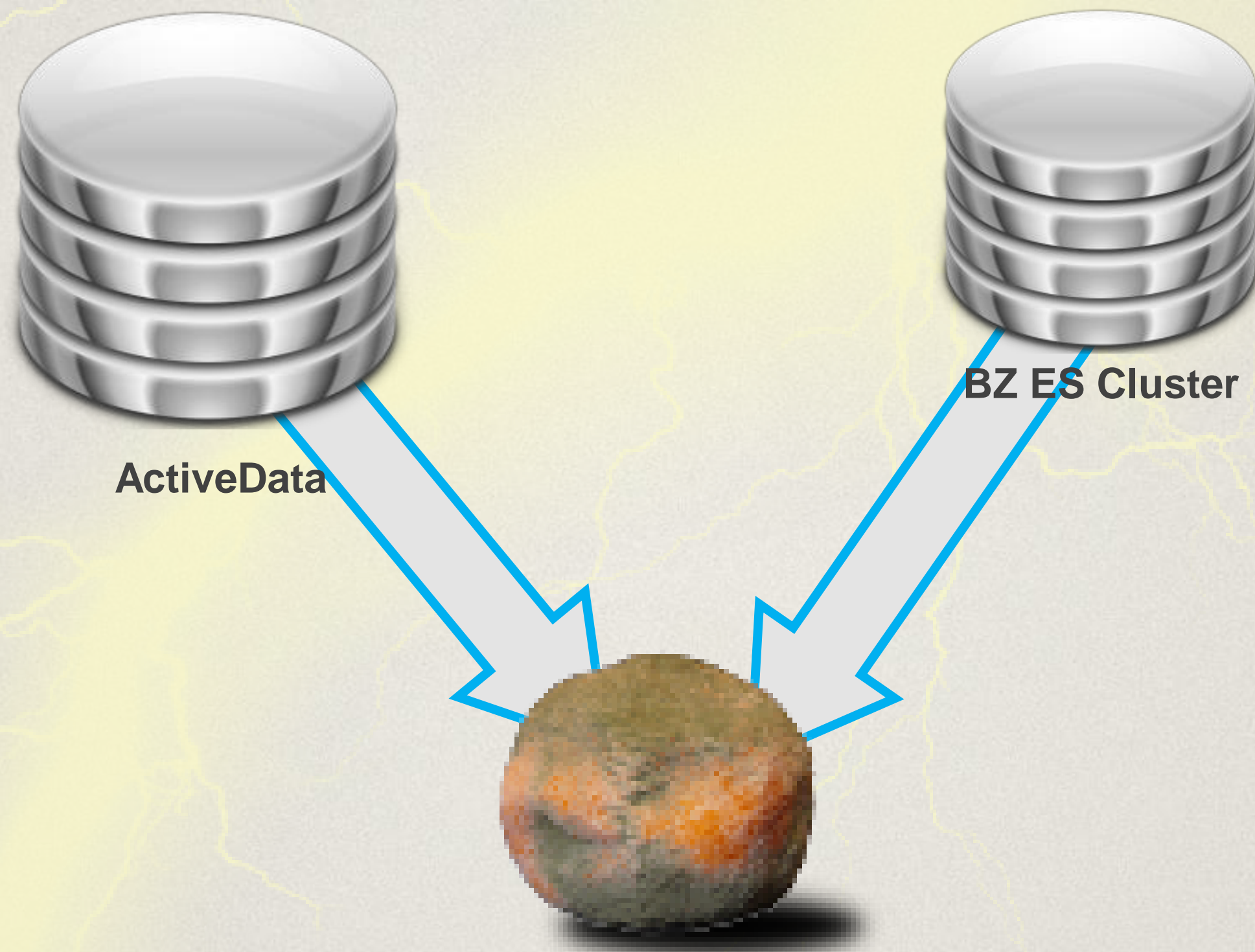


BZ ES Cluster

Ubiquitous Data!



Ubiquitous Data!



Ubiquitous Data!

Neglected Oranges



Bug ID	Bug Age	Last Comment	Description	7-day Orange Count
1267432	226 days	9 days	Intermittent test_pluginstream_geturl.html,test_pluginstream_geturlnotify.html content doesn't match - got "Error: no data in buffer"	51
1294833	117 days	12 days	Intermittent dom/media/test/test_trackelementevent.html Test timed out.	27
1107969	733 days	21 days	Intermittent browser_restore_isAppTab.js A promise chain failed to handle a rejection: - at resource://gre/modules/PageThumbs.jsm:306 - Component returned failure code: 0x80004005 (NS_ERROR_FAILURE) [nsIMessageSender.sendAsyncMessage]	26
1188692	498 days	13 days	Intermittent browser_ContentSearch.js application terminated with exit code 1 after Non-local network connections are disabled and a connection attempt to www.google.com (64.233.177.105) was made.	25
1207918	440 days	97 days	Intermittent test_plugin_focus.html application timed out after 330 seconds with no output	22
1317152	24 days	9 days	Intermittent linux debug devtools command timed out: 4800 seconds elapsed running ['/tools/buildbot/bin/python', '-u', 'scripts/scripts/desktop_unittest.py', '--cfg', 'unittests/linux_unittest.py', '--mochitest-suite', 'mochitest-devtools-chrome-chunked']	20
1024734	909 days	50 days	Intermittent test_import.html Exception: Unable to add project to the AppProjects	18

<https://people-mozilla.org/~klahnakoski/NeglectedOranges/index.html>

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