

## openQA Project - action #10192

### Improve source code window

2016-01-12 17:18 - okurz

<b>Status:</b> Workable	<b>Start date:</b> 2016-01-12
<b>Priority:</b> Low	<b>Due date:</b>
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b> Feature requests	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> future	
<b>Difficulty:</b>	

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**Description**

### acceptance criteria

- The source code window shows the test code that was executed, not the current
- Further information about changes in git can be easily found

### suggestions

- Retrieve URL like <https://github.com/os-autoinst/os-autoinst-distri-opensuse/blame/7edabb7b7b1440db0a217d712d0d11172b1044c5/tests/x11/fir/efox.pm>
- Show only the "interesting part"
- Could use perl and cut out the interesting portion from github
- Check if github allows us to do this

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**Related issues:**

Related to openQA Project - action #8084: show source of imported modules	<b>New</b>	<b>2015-07-01</b>
Related to openQA Project - coordination #58184: [saga][epic][use case] full ...	<b>Blocked</b>	<b>2018-03-23</b>
Has duplicate openQA Project - action #50498: add link to github sources	<b>Rejected</b>	<b>2019-04-17</b>

### History

#### #1 - 2016-01-17 17:25 - okurz

see [https://github.com/okurz/show\\_github\\_source](https://github.com/okurz/show_github_source) for an example how to do it with python-Flask. I guess with mojolicious it would be pretty similar.

#### #2 - 2016-01-18 12:30 - coolo

why would you grab github instead of using your local git checkout?

#### #3 - 2016-01-18 12:33 - RBrownSUSE

coolo wrote:

why would you grab github instead of using your local git checkout?

*I assume* (ie. I have no idea but I'm going to write this comment anyway) because the longer-term goal would be to provide tools/links so people can see the diff between the executed tests and the currently available tests - so people can easily know the change is out of date and make an informed decision about re-running it or not

Using a local git checkout might make some of that information harder to get to (eg. PR with comments and such)

#### #4 - 2016-01-18 12:41 - coolo

So what *is* the user story? "Further information about changes in git can be easily found" is all or nothing.

#### #5 - 2016-01-18 12:47 - RBrownSUSE

User Story

=openQA Reviewer=

an openQA reviewer wants to be able look at the Source Code window and see the version of the code that was *executed* in that test, in order to understand the behaviour that they are seeing in the logs, video and the screenshots

If the version of the *executed* code is different from either the latest available version (ie. the newest in github) or the latest deployed version (ie. the newest in local git) the openQA reviewer needs to know this in order to decide whether action is necessary to fix the problem, or just to re-run the test

=Release Manager/Developer/Casual Reviewer=

Same as the openQA reviewer, but without the ability to reschedule the test, however knowing the issue has been changed (or not) could reduce noise towards the team and/or help encourage improvements to the Code - which is a reason for a link to the 'upstream' github instead of just relying on the local git

**#6 - 2016-01-18 12:54 - okurz**

- Status changed from New to In Progress

- Assignee set to okurz

Yes, what RBrownSUSE said plus: The main reason I propose github is because openQA is web centered. Our code lives in github. Instead of trying to build everything regarding source window (+ git commit information + history + blame + PRs) into our own code we can just link to github.

I am assigning this to me as I was playing with this over the weekend and will show you a simple proof of concept. Then I am open for further feedback and you can tell if you like the "github" approach more or better "do it on our own".

**#7 - 2016-01-18 13:04 - coolo**

"Our code lives in github" - might be true for SUSE, but openQA's goal was never to be 100% for SUSE only.

**#8 - 2016-01-18 13:09 - coolo**

And please make sure [#8084](#) is implemented - which I consider more important than being able to follow the PR discussion within openQA.

I can see the requirement to record the commit id of the test run, but having a (configurable) external link to show that diff is IMO more than enough.

**#9 - 2016-01-19 13:48 - Inussel**

I'm not sure I like that either. There must be an offline/internal version of the source code viewer at least. Providing a convenience link to whatever external source repo provider would be fine but loading and embedding stuff from elsewhere directly makes me nervous.

**#10 - 2016-01-19 14:00 - okurz**

Inussel wrote:

There must be an offline/internal version of the source code viewer at least

why?

this is what I came up with as a proof of concept yesterday evening (leisure project):

30338267.png

Tell me what you like or dislike about it

**#11 - 2016-01-19 14:20 - coolo**

Again: how to implement 8084 if the source viewer is external app?

**#12 - 2016-01-19 14:31 - okurz@suse.de**

On Tuesday 19 January 2016 14:20:26 you wrote:

[openSUSE Tracker]

Issue [#10192](#) has been updated by coolo.

Again: how to implement 8084 if the source viewer is external app?

I don't know and I don't see this related. I do not necessarily want to replace the source code view that we have but provide another alternative. If the other modules are important why not grep the log-file for every line that was executed and provide this as an execution path? I see this is as a different use case but all are helpful.

**#13 - 2016-01-20 10:28 - maritawerner**

- Assignee deleted (okurz)

**#14 - 2017-11-17 10:32 - coolo**

- Status changed from In Progress to New
- Target version set to future

I'm only at 80% of declining - there are other source view enhancements in the queue though. So possibly together this makes up a proper story

**#15 - 2018-06-15 19:08 - okurz**

- Target version changed from future to future

**#16 - 2019-04-17 09:18 - coolo**

- Has duplicate action #50498: add link to github sources added

**#17 - 2019-06-20 16:01 - okurz**

- Category changed from 124 to Feature requests

**#18 - 2019-08-01 15:26 - okurz**

- Blocks action #54965: Cannot inspect the source code of the tests from my fork added

**#19 - 2019-10-17 18:25 - okurz**

- Related to action #8084: show source of imported modules added

**#20 - 2019-10-17 18:27 - okurz**

- Related to coordination #58184: [saga][epic][use case] full version control awareness within openQA, e.g. user forks and branches, fully versioned test schedules and configuration settings added

**#21 - 2020-02-20 21:31 - okurz**

- Status changed from New to Feedback
- Assignee set to okurz

<https://github.com/os-autoinst/openQA/pull/2761> as the next feature after [#54965](#) to use unique git hash when possible.

**#22 - 2020-02-21 22:45 - okurz**

- Blocks deleted (action #54965: Cannot inspect the source code of the tests from my fork)

**#23 - 2020-02-21 22:50 - okurz**

After [#54965](#) done and with <https://github.com/os-autoinst/openQA/pull/2761> which we already have deployed on o3 and osd and working nicely for custom checkouts I have the following ideas as alternatives:

1. Don't change anything for non-git stuff and call it legacy
2. Try to reference from local git checkouts if .git can be found in distri dir

**#24 - 2020-03-02 21:44 - okurz**

- Status changed from Feedback to Workable
- Assignee deleted (okurz)

Can be followed on by others as well.