openQA Project - action #39845

Results of tests with very short duration (~<10s) are not displayed

2018-08-16 10:13 - cfconrad

Status:	Resolved	**Start date:**	2018-08-16
Priority:	Normal	**Due date:**	
Assignee:	tinita	**% Done:**	100%
Category:	Feature requests	**Estimated time:**	0.00 hour
Target version:	Current Sprint		
Difficulty:			

Description
If the execution of the job takes approximately less then 10s the results are not displayed in the openqa web ui. When enlarge the execution time with "script_run('sleep 8');" results are displayed. I noticed this only with the ssh backend (https://github.com/os-autoinst/os-autoinst/pull/1012), which is in development. Failed job: http://10.86.1.52/tests/36

Related issues:			
Related to openQA Project - action #58826: Result not rendered in detail view...		**Resolved**	**2019-10-29**

History

#1 - 2018-09-03 09:44 - coolo

This is most likely because the worker didn't yet see that there is something running at all. Unusual problem :)

#2 - 2018-09-17 07:20 - coolo

- Subject changed from [tool] Results of tests with very short duration (~<10s) are not displayed to Results of tests with very short duration (~<10s) are not displayed

- Target version set to Ready

#3 - 2019-01-28 17:36 - andriinikitin

My non-expert investigation leans to conclusion that it is "by design": - start_time is updated when first message is received from worker. And "update status" messages are coming every 10 seconds as defined here
https://github.com/os-autoinst/openQA/blob/64ccc82ec49796560ac09d5efa3fe8105a1655fc/lib/OpenQA/Worker/Common.pm#L66

So the quickest/simplest solution may be to somehow send simple message to the WebService "immediately" after job start.

But I would prefer solution when Worker is sending own explicit start and finish times to WebService. E.g it may do it in first/last message or explicit message packets. WebService may collect own timestamp version of 'first/last' messages received, which may be usable e.g. to understand eventual latency.

#4 - 2019-06-20 15:30 - okurz

- Category changed from 132 to Feature requests

#5 - 2019-08-21 13:10 - tinita

How can this be reproduced?
How can I create a job that takes less than 10s?

And which part is not displayed in the ui?

#6 - 2019-08-21 15:12 - cfconrad

hi,

create a non sense test like https://github.com/cfconrad/os-autoinst-distri-opensuse/blob/sandbox_clemix/tests/clemix/nop.pm

And trigger just this, you will get a result like: http://cfconrad-vm.qa.suse.de/tests/5993
When waiting these 10 seconds before, you get: http://cfconrad-vm.qa.suse.de/tests/5994

#7 - 2019-08-21 15:28 - tinita

cfconrad wrote:

> create a non sense test like https://github.com/cfconrad/os-autoinst-distri-opensuse/blob/sandbox_clemix/tests/clemix/nop.pm

Ah, I see, i thought I always have to run the "boot_to_desktop" test first, that's why my test took longer in total.

I was able to reproduce it now with your test, thanks!

#8 - 2019-09-10 08:39 - tinita

- Target version changed from Ready to Current Sprint

#9 - 2019-09-11 13:16 - tinita

- Status changed from New to In Progress

- Assignee set to tinita

#10 - 2019-09-11 21:03 - tinita

Like Andrii said, the first status call to isotovideo happens too late, so it doesn't get a response anymore.
As discussed with Sebastian, I am working on a replacement of the status call via socket. Instead it is using a status file that survives the end of isotovideo.

#11 - 2019-09-12 14:56 - tinita

I created two draft pull requests:
https://github.com/os-autoinst/openQA/pull/2327
https://github.com/os-autoinst/os-autoinst/pull/1212

#12 - 2019-10-07 07:19 - pvorel

- Description updated

#13 - 2019-10-16 08:53 - pvorel

FYI, this ticket (bug) is blocking https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/8329

#14 - 2019-10-16 09:19 - tinita

Current Status:

I created the PRs which fixed the issue by using a status file.
However, one of the tests (t/33-developer_mode.t) was failing sometimes.
The status call we were using before had some side effect (which seems to be a timing thing only, but not sure).

I have now spent a long time debugging this (and learning to know a lot of our code during this), but the reason is still unclear.
We can't merge my PR until this is fixed.

We don't have a plan yet what to do about it.

#15 - 2019-10-18 08:30 - tinita

The bug I mentioned is very probably fixed (PR https://github.com/os-autoinst/os-autoinst/pull/1230 still in review).
Then I can rebase my PRs for this issue.

#16 - 2019-10-24 07:52 - cdywan

Isn't this actually **Low** priority? On the other hand gh#os-autoinst/os-autoinst-distri-opensuse#8329 seems to be blocked by it.

#17 - 2019-10-24 08:02 - pvorel

- Priority changed from Low to Normal

cdywan wrote:

> Isn't this actually **Low** priority? On the other hand gh#os-autoinst/os-autoinst-distri-opensuse#8329 seems to be blocked by it.

Yes, please we're waiting for this to be fixed. BTW we might use gh#os-autoinst/os-autoinst-distri-opensuse#8329 to fix very often broken all LTP on o3 (#51743, https://openqa.opensuse.org/tests/1064280#next_previous).

#18 - 2019-10-24 09:30 - tinita

We're on it. Sorry, it was blocked very long by a bug in os-autoinst that needed to be fixed first.
Second, it introduces a new way of communication between the openQA worker and isotovideo, so both repos were updated and we couldn't merge the second PR before the first was merged.

Second PR is in review and should be merged soon. https://github.com/os-autoinst/openQA/pull/2327

#19 - 2019-10-24 09:43 - pvorel

tinita: thanks a lot for working on it :)

#20 - 2019-10-25 12:21 - tinita

PR https://github.com/os-autoinst/openQA/pull/2327 was merged

#21 - 2019-10-25 12:22 - tinita

- Status changed from In Progress to Feedback

- % Done changed from 0 to 100

#22 - 2019-10-29 11:19 - tinita

cfconrad it was deployed to https://openqa.opensuse.org/, can you test?

#23 - 2019-10-29 12:07 - cfconrad

hi tinita, I run it in my own instance with latest openqa installed.
Looks good, nice!
http://cfconrad-vm.qa.suse.de/tests/6136
EDIT
http://cfconrad-vm.qa.suse.de/tests/6141 <= real test run

Regarding your hint, I took a look to the details page during run. And I had the attached intermediate state.
Don't know if this is something which should be covered as well.
 img

Do you need some test run on openqa as well?

#24 - 2019-10-29 12:13 - tinita

cfconrad That in the intermediate state the short tests don't show is an additional issue. During working on this issue I couldn't figure out why it's happening.
Could you open a new issue for that? Thanks!

#25 - 2019-10-29 13:53 - cfconrad

- Related to action #58826: Result not rendered in detail view on short (e.g. <10s) test-modules, if job is still running added

#26 - 2019-10-29 13:54 - cfconrad

https://progress.opensuse.org/issues/58826 have fun with it :)

#27 - 2019-10-30 11:03 - tinita

- Status changed from Feedback to Resolved

Thanks!