openQA Tests - action #63670
[functional][u] test fails in x11 - black screen
20/02/2020 09:28 pm - lkocman

Status: Resolved
Priority: High
Assignee: okurz
Category: Bugs in existing tests
Target version: Milestone 30

Start date: 20/02/2020
Due date:
% Done: 0%
Estimated time: 0.00 hour

Description

Observation

openQA test in scenario opensuse-15.2-DVD-x86_64-toolkits@64bit fails in x11

The entire x11/toolkit test suite seems to display just a black screen. This looks like a test-setup issue as GNOME/KDE/XFCE test are not displaying such an issue.

I've noticed that plymouth startup takes sometimes longer (in my case extra 20 seconds)
https://bugzilla.suse.com/show_bug.cgi?id=1162535
https://bugzilla.opensuse.org/show_bug.cgi?id=1164073

Perhaps that could be the root cause, but please investigate

Test suite description

Maintainer: dheidler@suse.de Test GUI Toolkits

Reproducible

Fails since (at least) Build 581.2 (current job)

Expected result

Last good: 577.2 (or more recent)

Further details

Always latest result in this scenario: latest

Related issues:
Related to openQA Tests - action # 48110: [functional][u][sporadic] test fail... Workable 04/01/2019
Related to openQA Tests - action # 63643: [opensuse] test fails in consoles... Resolved 20/02/2020
Blocked by openQA Tests - action # 63346: [tools][sporadic] false-positive ma... Resolved 10/02/2020

History

#1 - 20/02/2020 09:41 pm - lkocman
Same for exiv tests https://openqa.opensuse.org/tests/1180847#step/exiv2/19

#2 - 20/02/2020 09:55 pm - lkocman
same for libreoffice tests https://openqa.opensuse.org/tests/1180751#step/ooffice/12
libreoffice in KDE seems to be unaffected

- Subject changed from test fails in x11 - black screen to [functional][u] test fails in x11 - black screen
- Description updated

These tickets really read in a weird way when there is some text above the first header referencing an openQA test result that is also only mentioned afterwards.

@lkocman please don’t add text before "Observation" but as part of it - like I did now.

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

The failed step https://openqa.opensuse.org/tests/1180871/modules/x11/steps/23 you referenced is in the post_fail_hook though which can not be the root cause of the problem. You already mentioned potential performance regressions in e.g. Plymouth that could explain it. That’s good. Still, what I see is a lot of false-positive matches which at least disturb the test flow, e.g. https://openqa.opensuse.org/tests/1180871#step/x11/1 showing a match of "screensaver" when instead there is a logged in text console seen. This I am handling in #63346 so I will track this ticket as "Blocked" and see what issue might be left after I deleted the faulty needle.

- Blocked by action #63346: [tools][sporadic] false-positive match on "screenlock-xscreensaver-20180821" when instead a console prompt is shown added

- Status changed from Blocked to Workable
- Assignee changed from okurz to mgriessmeier
- Priority changed from Normal to High

A retriggered test now fails as expected but in a way more explicit way: https://openqa.opensuse.org/tests/1182632# shows that simply the selection of x11 session doesn’t yield a valid desktop in time in https://openqa.opensuse.org/tests/1182632#step/x11/1

After checking in an interactive session in https://openqa.opensuse.org/tests/1182650 I am pretty sure that the issue was triggered by a performance regression in a recent gnome submission to Leap 15.2 but the test had a problem since long which is tracked in #48110 : Simply the wrong tty is selected. tests/x11/toolkit/x11.pm calls select_console 'x11' coming from an X11 session but what we do is ask gnome to open another session on tty7 instead of re-using the existing one on tty2.

@mgriessmeier I suggest to prioritize #48110 to have the issue resolved properly soon but you might prefer to handle this ticket instead as a quick fix one.

- Related to action #48110: [functional][u][sporadic] test failed in different modules that switch from textmode terminal to graphical terminal - unable to login into the gnome session again but we should not even need to login when selecting the correct tty added
#9 - 21/02/2020 10:17 pm - okurz
- Related to action #63643: [opensuse] test fails in consoletest_finish and exiv2 due to failure in x11 console switch added

#10 - 26/02/2020 10:11 am - ggardet_arm

PR available: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/9631

#11 - 03/03/2020 03:16 pm - mgriessmeier
- Assignee deleted (mgriessmeier)
- Target version set to Milestone 30
can be picked up

#12 - 03/03/2020 05:09 pm - okurz
- Status changed from Workable to Resolved
- Assignee set to okurz

This has been covered by ggardet_arm and me in #63643, tests green again: https://openqa.opensuse.org/tests/1191353