openQA Tests - action #38387

[functional][u][sporadic][medium] test fails in gnucash - window is not closed

2018-07-13 07:11 - pcervinka

Status:	Resolved		**Start date:**	2018-07-13
Priority:	Normal		**Due date:**	2018-08-28
Assignee:	SLindoMansilla		**% Done:**	0%
Category:	Bugs in existing tests		**Estimated time:**	3.00 hours
Target version:	Milestone 18			
Difficulty:	medium			

Description

Observation

openQA test in scenario opensuse-15.0-DVD-Updates-x86_64-gnome@uefi fails in
gnucash

Reproducible

Fails since (at least) Build **20180713-1** (current job)

Expected result

Last good: **20180712-5** (or more recent)

Further details

Always latest result in this scenario: **latest**

Although was gnucash test updated recently, it stil sometimes fail to close window.

Related issues:

Related to openQA Tests - action #38057: gnucash 3.2 does not ask to save whe...	**Resolved**	**2018-07-02**	
Related to openQA Tests - action #38114: [functional][u] GnuCash does not clo...	**Resolved**	**2018-07-03**	
Related to openQA Tests - action #38702: [functional][u] apply workaround for...	**Resolved**	**2018-05-17**	**2018-08-14**
Related to openQA Tests - action #39131: [functional][opensuse][u][easy] test...	**Resolved**	**2018-08-03**	**2018-08-28**
Related to openQA Tests - action #40172: [functional][opensuse][sporadic][u] ...	**Rejected**	**2018-08-23**	
Related to openQA Tests - action #40319: [functional][u] test fails in gnucas...	**Resolved**	**2018-08-28**	**2018-10-09**

History

#1 - 2018-07-13 07:12 - pcervinka

- Related to action #38057: gnucash 3.2 does not ask to save when nothing happened added

#2 - 2018-07-13 10:23 - dimstar

- Related to action #38114: [functional][u] GnuCash does not close on LXDE added

#3 - 2018-07-19 19:06 - okurz

- Subject changed from test fails in gnucash - window is not closed to [functional][u][sporadic][fast] test fails in gnucash - window is not closed

- Due date set to 2018-07-31

- Status changed from New to In Progress

- Target version set to Milestone 18

Hm, found one needle that did not match. Created that. Now let's see what the statistics will tell:

```
$ for i in {001..100} ; do openqa_clone_job_o3 --skip-chained-deps 709377 TEST=okurz_poo38387_$i BUILD=2018071
8-3:poo38387 _GROUP="Development Leap" ; done
```

-> https://openqa.opensuse.org/tests/overview?build=20180718-3%3Apoo38387&version=15.0&distri=opensuse&groupid=39

#4 - 2018-07-20 13:23 - okurz

build was obsoleted, retriggered some jobs in the same build.

#5 - 2018-07-21 14:54 - okurz

And now of course tests were not working anymore because the incident repo vanished. Retrying with more recent one:

```
for i in {001..100} ; do openqa_clone_job_o3 --skip-chained-deps 710696 TEST=okurz_poo38387_$i BUILD=20180721-
3:poo38387 _GROUP="Development Leap" ; done
```

-> https://openqa.opensuse.org/tests/overview?groupid=39&distri=opensuse&version=15.0&build=20180721-3%3Apoo38387

#6 - 2018-07-22 21:22 - okurz

again obsoleted by more recent update tests. This is not going to work this way. Nevertheless, taking a look at most recent production runs I could find https://openqa.opensuse.org/tests/711279#step/gnucash/22 where the "window" menu is activated after the dialog to "save file changes" is discarded. Looks like "alt-w" can cause this.

https://openqa.opensuse.org/tests/711074#step/gnucash/20 is another failure, openSUSE Tumbleweed gnome scenario, which shows the clock time 03:14 before start and also when seemingly the screen lock shows up, unless this is actually caused by the key presses?

#7 - 2018-07-23 21:53 - okurz

- Related to action #38702: [functional][u] apply workaround for bsc#1096401 "snapper terminates with core dump" added

#8 - 2018-07-25 19:50 - okurz

Tried to test for stability locally again and hit another interesting/stupid/annoying/funny problem: http://lord.arch/tests/1729#step/gnucash/15 shows that the screen locked in the same minute that we installed packages, which is just one minute after we did the last typing so there should be no screenlock and not screen saver. However, taking a look at the journal in http://lord.arch/tests/1729/file/gnucash-journal.log one can see a sudden huge 3-day jump in the timestamps together with according output from chrony:

```
Jul 20 10:20:54 susetest PackageKit[18076]: install-packages transaction /4_edcceeaa from uid 1000 finished wi
th success after 55100ms
Jul 20 10:20:54 susetest polkitd[838]: Unregistered Authentication Agent for unix-process:18082:168414 (system
 bus name :1.134, object path /org/freedesktop/PolicyKit1/AuthenticationAgent, locale en_US.UTF-8) (disconnect
ed from bus)
Jul 20 10:20:56 susetest PackageKit[18076]: get-updates transaction /5_abcccacd from uid 1000 finished with su
ccess after 1471ms
Jul 20 10:20:57 susetest chronyd[713]: Selected source 217.114.59.3
Jul 20 10:20:57 susetest chronyd[713]: System clock wrong by 285436.951742 seconds, adjustment started
Jul 23 17:38:14 susetest chronyd[713]: System clock was stepped by 285436.951741 seconds
Jul 23 17:38:16 susetest chronyd[713]: Source 139.162.219.252 replaced with 178.79.160.57
Jul 23 17:38:33 susetest PackageKit[18076]: daemon quit
Jul 23 17:38:33 susetest packagekitd[18076]: Source ID 16 was not found when attempting to remove it
Jul 23 17:38:44 susetest unix2_chkpwd[20121]: pam_unix(xscreensaver:auth): authentication failure; logname= ui
d=1000 euid=0 tty= ruser= rhost=  user=bernhard
Jul 23 17:38:46 susetest unix2_chkpwd[20121]: pam_authenticate(xscreensaver, bernhard): Authentication failure
```

so what happened is that the test which I started from an older qcow snapshot for faster reproduction of good statistics ended up updating the time to the current time causing the screenlock to suddenly trigger which is certainly totally unexpected by the test. To ensure the test continuing in this very special – development approach specific – scenario would be disable the screensaver on lxde (we already do something similar on gnome and plasma). E.g. see https://unix.stackexchange.com/questions/356548/how-to-disable-screensaver-in-lxde and https://www.linuxquestions.org/questions/linux-desktop-74/disable-screensaver-in-lxde-745203/ or simply kill xscreensaver or something for the current session. Or I just reconduct the test from x11-user_gui_login I guess. What I tried for now is a local change

```
 sub handle_relogin {
     handle_logout;
+    assert_screen 'displaymanager', 90;
+    select_console 'root-console';
+    assert_script_run 'chronyc makestep';
+    select_console 'x11', await_console => 0;
     handle_login;
 }
```

#9 - 2018-07-30 21:06 - okurz

20/20 jobs passed :(

Rebased test code and triggered run 21..60

#10 - 2018-07-31 08:14 - okurz

Finally managed to reproduce some failures again: http://lord.arch/tests/overview?build=20180724:1&distri=opensuse&version=Tumbleweed shows now 6/60 jobs. I can identify one VLC needle that needs to be fixed and chromium failures. I guess it makes sense if I continue here because the current problem is not that I see how I could work any faster or need any help but just need to wait for long-running test jobs.

#11 - 2018-07-31 09:40 - okurz

- Subject changed from [functional][u][sporadic][fast] test fails in gnucash - window is not closed to [functional][u][sporadic] test fails in gnucash - window is not closed

- Due date changed from 2018-07-31 to 2018-08-14

#12 - 2018-08-10 07:43 - okurz

- Status changed from In Progress to Workable

- Assignee deleted (okurz)

And now my openQA installation on lord is not working anymore :(I need to give this back to the backlog.

What to do for whoever takes over:

- Check current failures of mainly openSUSE Tumbleweed regarding gnucash failing
- If any found, fix it

#13 - 2018-08-14 11:49 - okurz

- Due date changed from 2018-08-14 to 2018-08-28

bulk move to next sprint as could not be discussed in SR

#14 - 2018-08-15 08:52 - SLindoMansilla

It may be a race condition on sending keys:

- check-/assert_screen before sending key (sync point)

#15 - 2018-08-15 08:54 - SLindoMansilla

- Subject changed from [functional][u][sporadic] test fails in gnucash - window is not closed to [functional][u][sporadic][medium] test fails in gnucash - window is not closed

- Estimated time set to 3.00 h

- Difficulty set to medium

#16 - 2018-08-15 13:45 - SLindoMansilla

- Status changed from Workable to In Progress

- Assignee set to SLindoMansilla

#17 - 2018-08-15 15:09 - SLindoMansilla

1. alt-f4 is pressed to close the help window
2. alt-c is pressed to close the tips window
3. ctrl-q is pressed to close gnucash

The problem is that sometimes ctrl-q seems to not take effect.
Trying asserting the screen before sending ctrl-q.

At the moment I need to figure out how to get this file on the worker **/usr/share/qemu/ovmf-x86_64-ms-code.bin** so I can verify locally (package qemu-ovmf).

#18 - 2018-08-16 15:04 - SLindoMansilla

- Status changed from In Progress to Feedback

PR: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5595

Merged. Waiting for verification run on O3.

As it was sporadic, trying 10 runs:

- https://openqa.opensuse.org/tests/overview?build=poo_38387

#19 - 2018-08-17 20:05 - okurz

All failed in "zypper_add_repos" as the maintenance repo vanished in the mean time.

Let's try based on the latest aggregated repo:

```
$ for i in {001..100} ; do openqa_clone_job_o3 735474 TEST=sergio_poo38387_$i BUILD=20180817-3:poo38387 _GROUP
="Development Leap" ; done
```

-> https://openqa.opensuse.org/tests/overview?version=15.0&build=20180817-3%3Apoo38387&groupid=39&distri=opensuse

#20 - 2018-08-20 07:30 - SLindoMansilla

- Status changed from Feedback to In Progress

Single verification on O3 (just verify that the changes doesn't brake anything): https://openqa.opensuse.org/tests/738356#step/gnucash/19

Trying multiple job runs again...

#21 - 2018-08-20 09:11 - SLindoMansilla

- Status changed from In Progress to Resolved

10 jobs passed: https://openqa.opensuse.org/tests/overview?build=poo_38387

#22 - 2018-08-21 09:12 - SLindoMansilla

- Status changed from Resolved to In Progress

Not fixed for KDE: https://openqa.opensuse.org/tests/739171#step/gnucash/23

List of affected scenarios:
https://openqa.opensuse.org/tests/overview?arch=&failed_modules=gnucash&build=288.3&groupid=50&version=15.1&distri=opensuse#

#23 - 2018-08-21 10:21 - okurz

Used as label in https://openqa.opensuse.org/tests/739102#comments then, thx

#24 - 2018-08-22 07:14 - SLindoMansilla

- Status changed from In Progress to Feedback

PR for KDE: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5621

Merged. Waiting for verification run on OSD.

#25 - 2018-08-22 13:55 - SLindoMansilla

- Related to action #39131: [functional][opensuse][u][easy] test fails in ooffice - turn off automatic suspend on gnome added

#26 - 2018-08-22 13:56 - SLindoMansilla

- Status changed from Feedback to In Progress

Auto suspend appears also on gnucash: https://openqa.opensuse.org/tests/739945#step/gnucash/18

Related to: #39131

#27 - 2018-08-23 10:30 - SLindoMansilla

Automatic suspend is a different and sporadic issue that will be handled here: https://progress.opensuse.org/issues/40172

#28 - 2018-08-23 10:30 - SLindoMansilla

- Related to action #40172: [functional][opensuse][sporadic][u] automatic suspend affects several test modules added

#29 - 2018-08-23 11:00 - SLindoMansilla

PR: https://github.com/os-autoinst/os-autoinst-needles-opensuse/pull/424

#30 - 2018-08-23 15:31 - SLindoMansilla

New needle for Leap (font type differs from tumbleweed): test-gnucash-1-tip-gnome-leap-20180823

#31 - 2018-08-23 15:33 - SLindoMansilla

Waiting for verification run on OSD:

- https://openqa.opensuse.org/tests/741002
- https://openqa.opensuse.org/tests/741003
- https://openqa.opensuse.org/tests/741004

#32 - 2018-08-24 08:11 - pcervinka

Unfortunately, still fails on Leap 42.3: https://openqa.opensuse.org/tests/741153#step/gnucash/21.
Leap 15 is fine.

#33 - 2018-08-24 08:29 - SLindoMansilla

That job started yesterday at 8:00~, my needle was created on the afternoon. My verification runs were canceled and the OBS repo removed. I am having problems to verify...

#34 - 2018-08-24 09:41 - SLindoMansilla

ok, now it was about Leap 42.3, which also has a slightly different font type: test-gnucash-1-tip-gnome-leap-42.3-20180824

Waiting for verification run on O3: https://openqa.opensuse.org/tests/741205

#35 - 2018-08-24 13:07 - SLindoMansilla

- Status changed from In Progress to Resolved

Verified on O3: https://openqa.opensuse.org/tests/741205#step/gnucash/24

#36 - 2018-09-11 05:21 - okurz

- Related to action #40319: [functional][u] test fails in gnucash - gnucash not closed added