openQA Test - action #36997
[opensuse][functional][u][wayland] test fails in shutdown - xterm does not start
08/06/2018 08:29 am - mloviska

Status: Resolved
Priority: Normal
Assignee: oorolv
Category: Bugs in existing tests
Target version: Milestone 18

Description

Observation

openQA test in scenario opensuse-Tumbleweed-DVD-x86_64-kde-wayland@64bit_virtio fails in shutdown

Test does not wait or verify whether xterm has been started.

Reproducible

Fails since (at least) Build 20180522

Expected result

Last good: 20180521 (or more recent)

Further details

Always latest result in this scenario: latest

Related issues:

Blocked by openQA Tests - action # 35215: [functional][u][epic][medium] test ...

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History

#1 - 08/06/2018 12:59 pm - okurz
- Subject changed from [opensuse][functional][u] test fails in shutdown - xterm does not start to [opensuse][functional][u][wayland] test fails in shutdown
- xterm does not start
- Due date set to 17/07/2018
- Target version set to Milestone 17

I think github.com/os-autoinst/os-autoinst-distri-opensuse/pull/4908 did not fix this completely

Code behaves like this now:

```bash
[2018-06-08T08:01:26.0642 UTC] [debug] /var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/tests/x11/shutdown.pm:24 called testapi::x11_start_program
[2018-06-08T08:01:26.0642 UTC] [debug] <<< testapi::assert_screen(mustmatch=[
  'xterm',
  'desktop-runner-plasma-suggestions'
], no_wait=0, timeout=90)
[2018-06-08T08:01:26.0672 UTC] [debug] MATCH(xterm-started-20150325:0.00)
[2018-06-08T08:01:26.0700 UTC] [debug] MATCH(xterm-started-20150430:0.00)
[2018-06-08T08:01:26.0726 UTC] [debug] MATCH(xterm-started-20170125:0.00)
```

05/04/2020
so somehow the test is accepting "desktop-runner-plasma-suggestions" and not actually waiting for an xterm window but it should.

The relevant test code is in lib/susedistribution.pm:

```perl
my @target = ref $args{target_match} eq 'ARRAY' ? @{$args{target_match}} : $args{target_match};
for (1 .. 3) {
    push @target, check_var('DESKTOP', 'kde') ? 'desktop-runner-plasma-suggestions' : 'desktop-runner-border';
    assert_screen(@(target), $args{match_timeout}, no_wait => $args{match_no_wait});
    last unless (match_has_tag 'desktop-runner-border' || match_has_tag 'desktop-runner-plasma-suggestions');
    wait_screen_change {
        send_key 'ret';
    }
}
# asserting program came up properly
die "Did not find target needle for tag(s) '@target'" if (match_has_tag 'desktop-runner-border' || match_has_tag 'desktop-runner-plasma-suggestions');
```

I assumed this would make sure that "xterm" has to be displayed as the last screen or the die would be called but that does not seem to be the case.

Logic needs to be re-evaluated.

#2 - 15/06/2018 06:53 pm - okurz
- Target version changed from Milestone 17 to Milestone 17

#3 - 20/06/2018 06:49 am - okurz
- Target version changed from Milestone 17 to Milestone 18

#4 - 20/06/2018 08:28 am - okurz
- Due date changed from 17/07/2018 to 31/07/2018

It's hackweek time!

#5 - 17/07/2018 11:57 am - okurz
- Status changed from New to In Progress
  - Assignee set to okurz

already on it to look into the behaviour of desktop runner

05/04/2020
https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5409 is applied but still the test scenario is very unstable. The latest job https://openqa.opensuse.org/tests/710661#step/reboot_plasma5/10 e.g. shows the frowning smiley in systray showing a crashed application. The screen should match as soft_fail, not green after a bug has been reported, more data to this should be recorded, e.g. post_fail_hook. But first I recommend in https://openqa.opensuse.org/tests/710661#step/shutdown/10 to execute a post_fail_hook to gather data from the still active system.

https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5314 from @oorlov should be the first step

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

Considering this ticket blocked by https://progress.opensuse.org/issues/35215

I've investigated the issue with shutdown and it didn't fail for the last 15 days. Also after adding 'cleanup_before_shutdown' module, there is no xterm call in 'shutdown.pm' anymore. So the behavior from the description is not reproducible. It fails on 'assert_shutdown' instead now.

I've added DEBUG_SHUTDOWN parameter. Will wait for the statistics and more detailed logs.
let's discuss the state offline

#15 - 13/09/2018 12:26 pm - oorlov

Not able to gather statistics for shutdown module, as jobs failed in the modules before it.

The latest one is passed. So, hopefully next builds will help to gather more statistics.

#16 - 24/09/2018 12:04 pm - oorlov

- Status changed from Feedback to Resolved

So, I'm closing the ticket as the issue is not reproduced anymore. Also, the scope is changed - there is no xterm call in 'shutdown' module anymore.