

openQA Tests - action #41201

[qam][desktop] test fails in pidgin_IRC

2018-09-18 13:14 - bfilho

Status:	Resolved	Start date:	2018-09-18
Priority:	Normal	Due date:	
Assignee:	pcervinka	% Done:	0%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:			
Difficulty:			
Description			
Observation			
openQA test in scenario sle-15-Desktop-DVD-Updates-x86_64-qam-regression-message@64bit fails in pidgin_IRC			
Reproducible			
Fails since (at least) Build 20180915-1			
Expected result			
Last good: 20180913-3 (or more recent)			
Further details			
Always latest result in this scenario: latest			

History

#1 - 2018-09-18 13:15 - bfilho

pidgin_IRC failing from 20180915-1 multiple times, seems to be missing the a keypress events:
[2018-09-17T03:22:30.0365 CEST] [debug] /var/lib/openqa/cache/tests/sle/tests/x11/pidgin/pidgin_IRC.pm:46 called testapi::send_key
[2018-09-17T03:22:30.0365 CEST] [debug] <<< testapi::send_key(key='alt-`', do_wait=0)
...
[2018-09-17T03:22:30.0579 CEST] [debug] /var/lib/openqa/cache/tests/sle/tests/x11/pidgin/pidgin_IRC.pm:49 called testapi::send_key
[2018-09-17T03:22:30.0580 CEST] [debug] <<< testapi::send_key(key='ctrl-w', do_wait=0)
...
/var/lib/openqa/cache/tests/sle/tests/x11/pidgin/pidgin_IRC.pm:54 called testapi::assert_screen
...
<https://openqa.suse.de/tests/2059231#downloads>

#2 - 2018-09-19 03:25 - GraceWang

SLED12SP4 also met the same issue.
See https://openqa.suse.de/tests/2069539#step/pidgin_IRC/21 for details.

From the below log:

```
[2018-09-18T05:36:40.0247 CEST] [debug] >>> testapi::_check_backend_response: match=pidgin-ctcp-version,pidgin-irc-sledtesting timed out after 30 (assert_screen)
[2018-09-18T05:36:40.0541 CEST] [debug] no candidate needle with tag(s) 'pidgin-ctcp-version, pidgin-irc-sledtesting' matched
```

It seems that it failed when executing the below code:
assert_screen([qw(pidgin-ctcp-version pidgin-irc-sledtesting)]);

#3 - 2018-09-19 12:31 - msmeissn

could it be possible it cannot connect to freenode anymore?

due to the recent spambot attack there?

I tried to look at the video but its not easily visible if the connect fails and how

#4 - 2018-09-19 14:05 - okurz

- Subject changed from test fails in pidgin_IRC to [desktop] test fails in pidgin_IRC

msmeissn wrote:

I tried to look at the video but its not easily visible if the connect fails and how

did you try to download the video locally and step through it frame by frame, e.g. with "mpv"? The video player within the browser skips over some frames and you will most likely not be able to see every single step which might be important for investigation.

#5 - 2018-09-19 14:31 - msmeissn

hmm, it seems to turn the bubble green, so it seems connected.

but the ctcp check seems not to come in for some reason.
also not when i try it on tumbleweed pidgin.

#6 - 2018-09-19 15:26 - msmeissn

the control flow is weird in the test.

the ctcp handling has `assert_screen([qw(pidgin-ctcp-version pidgin-irc-sledtesting)])`;
but at this time we have not yet joined the #sledtesting channel it matches on.

should this block move a bit lower?

#7 - 2018-09-19 16:00 - msmeissn

proposal for a patch <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5805>

(untested)

#8 - 2018-09-24 11:07 - jbaier_cz

This one would be hard to debug as it works locally: <http://panigale.suse.cz/tests/277>

#9 - 2018-09-24 12:16 - pcervinka

I re-checked logic sequence of the test and I think it is not correct in `assert_screen([qw(pidgin-spoofing-ip pidgin-irc-sledtesting)])`. There is a chance of pidgin-spoofing-ip, which may occur (but don't have to). But why is there match for pidgin-irc-sledtesting? This shouldn't be there, because this match is supposed to be done little bit later. I think [msmeissn](#) had good idea to remove it and there should be `if (check_screen('pidgin-spoofing-ip')) {` instead of `assert_screen` with `match_has_tag`. Slimilar incorrect logic is also for CTCP check. I did a test run with `check_screen` and it looks fine <http://10.100.12.105/tests/226#>.

#10 - 2018-09-24 12:21 - pcervinka

I also tried to reproduced it manually in virtual machine and ip spoofing check or CTCP didn't occur. So those steps are really optional.

#11 - 2018-09-24 12:23 - pcervinka

Suggested code change:

```
# Warning of spoofing ip may appear
if (check_screen('pidgin-spoofing-ip')) {
    wait_screen_change {
        send_key is_sle('<15') ? "alt-tab" : "alt-`";
    };
    wait_screen_change {
        send_key "ctrl-w"; # close it
    };
}

# CTCP Version and warning about scan may appear
if (check_screen('pidgin-ctcp-version')) {
    wait_screen_change { send_key "ctrl-w"; } # close it
}
```

#12 - 2018-09-24 20:07 - okurz

Personally I always prefer multi-tag `assert_screen` with `match_has_tag` because I think this is the most efficient way for tests without any unnecessary sleep time. So what is wrong with an `assert_screen` with multiple tags? E.g. instead of `check_screen('pidgin-ctcp-version')` why not check for both, this screen and the alternative, and only act upon the warning if it shows up.

#13 - 2018-09-26 07:25 - pcervinka

- Project changed from openQA Tests to QAM
- Subject changed from [desktop] test fails in pidgin_IRC to [qam][desktop] test fails in pidgin_IRC
- Category deleted (Bugs in existing tests)

#14 - 2018-09-27 09:06 - pcervinka

- Project changed from QAM to openQA Tests
- Category set to Bugs in existing tests
- Status changed from New to In Progress
- Assignee set to pcervinka

#15 - 2018-09-27 14:23 - pcervinka

[msmeissn](#) I will further continue with this one. Could you please close your PR? Okurz had good point and I would like to explore the other way to fix.

#16 - 2018-10-01 10:57 - pcervinka

New PR to properly detect pidgin status(and don't waste time by check_screen) was created:
<https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5853>

#17 - 2018-10-01 11:50 - pcervinka

- Status changed from In Progress to Feedback

PR merged, let's see few more runs on o.s.d.

#18 - 2018-10-05 08:03 - pcervinka

- Status changed from Feedback to Resolved