openQA Tests - action #10132

[functional]

"wait_screen_change" return value should not be silently ignored

2016-01-07 15:49 - okurz

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
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<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>okurz</td>
</tr>
<tr>
<td>Category:</td>
<td>Enhancement to existing tests</td>
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<tr>
<td>Target version:</td>
<td>future</td>
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<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Start date:</td>
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<td>Due date:</td>
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<tr>
<td>% Done:</td>
<td>0%</td>
</tr>
<tr>
<td>Estimated time:</td>
<td>0.00 hour</td>
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Description

Observation

https://openqa.suse.de/tests/175675 fails because the machine was heavily loaded causing "wait_screen_change" to timeout after 10 seconds where the return value was silently ignored, see:
https://openqa.suse.de/tests/175675/file/autoinst-log.txt

acceptance criteria

- wait_screen_change makes test die if screen does not change during timeout

problem

https://github.com/os-autoinst/os-autoinst-distri-opensuse/search?utf8=%E2%9C%93&q=wait_screen_change shows that wait_screen_change has a return value which is sometimes ignored, sometimes properly parsed. "wait_screen_change" should probably die on timeout without the need for explicit return value checking

suggestion

- move return value check into wait_screen_change. If code relies on wait_screen_change timing out the code should be reworked accordingly, e.g. using another method.
- check if we can disallow ignoring return value everywhere in "os-autoinst" space, e.g. by a proper style check

Related issues:

Copied to openQA Project - action #48752: Add proper unit-test for `assert_sc...

Workable 2016-01-07

History

#1 - 2016-01-15 16:12 - RBrownSUSE
- Checklist set to [ ] SLE, [ ] Leap, [ ] TW

#2 - 2017-03-29 19:49 - okurz
- Status changed from New to In Progress
  
  https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/689 added "assert_screen_change" but I guess it is not working as intended, see https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/2313

#3 - 2018-03-09 14:02 - okurz
- Subject changed from "wait_screen_change" return value should not be silently ignored to [functional]"wait_screen_change" return value should not be silently ignored
  
  - Target version set to Milestone 18

#4 - 2018-06-15 18:50 - okurz
- Target version changed from Milestone 18 to Milestone 18

#5 - 2018-07-25 07:48 - okurz
- Target version changed from Milestone 18 to future

2021-05-08
I think the ticket in the current state is more confusing than helpful as we have [http://open.qa/api/testapi/#_assert_screen_change](http://open.qa/api/testapi/#_assert_screen_change) since some time. I will create followup tickets with more detailed steps what needs to be done now.

See followup tickets.