

openQA Project - action #80226

coordination # 102906 (New): [saga][epic] Increased stability of tests with less "known failures", known incompletes handled automatically within openQA

coordination # 102909 (New): [epic] Prevent more incompletes already within os-autoinst or openQA

job incomplete with autoinst-log.txt ending just in the middle

2020-11-23 19:09 - okurz

Status:	New	Start date:	2020-11-23
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Feature requests	Estimated time:	0.00 hour
Target version:	future		
Difficulty:			

Description

Observation

<https://openqa.suse.de/tests/5057715/file/autoinst-log.txt> shows at the end of the log file

```
[0m[2020-11-23T13:50:54.432 CET] [debug] tests/installation/await_install.pm:129 called testapi::check_screen
[2020-11-23T13:50:54.432 CET] [debug] <<< testapi::check_screen(mustmatch=[
  "rebootnow",
  "yast2_wrong_digest",
  "yast2_package_retry",
  "yast_error",
  "ERROR-removing-package",
  "DIALOG-packages-notifications"
], timeout=30)
[37m[2020-11-23T13:50:54.523 CET] [debug] no match: 29.9s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:50:55.524 CET] [debug] no match: 28.9s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:50:56.525 CET] [debug] no match: 27.9s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:50:57.526 CET] [debug] no match: 26.9s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:50:59.609 CET] [debug] WARNING: check_asserted_screen took 1.17 seconds for 18 candidate needles - make your needles more specific
[0m[37m[2020-11-23T13:50:59.610 CET] [debug] no match: 25.9s, best candidate: rebootnow-20160504 (0.51)
[0m[37m[2020-11-23T13:50:59.710 CET] [debug] no match: 24.8s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:00.703 CET] [debug] no match: 23.8s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:01.703 CET] [debug] no match: 22.8s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:02.704 CET] [debug] no match: 21.8s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:04.787 CET] [debug] WARNING: check_asserted_screen took 1.17 seconds for 18 candidate needles - make your needles more specific
[0m[37m[2020-11-23T13:51:04.787 CET] [debug] no match: 20.8s, best candidate: DIALOG-packages-notifications-20191220 (0.39)
[0m[37m[2020-11-23T13:51:04.889 CET] [debug] no match: 19.6s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:05.884 CET] [debug] no match: 18.6s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:06.882 CET] [debug] no match: 17.6s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:07.883 CET] [debug] no match: 16.6s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
```

```
[0m[37m[2020-11-23T13:51:09.965 CET] [debug] WARNING: check_asserted_screen took 1.17 seconds for 18 candidate needles - make your needles more specific
[0m[37m[2020-11-23T13:51:09.965 CET] [debug] no match: 15.6s, best candidate: DIALOG-packages-notifications-20191220 (0.39)
[0m[37m[2020-11-23T13:51:10.061 CET] [debug] no match: 14.4s, best candidate: DIALOG-packages-notifications-20191220 (0.18)
[0m[37m[2020-11-23T13:51:10.971 CET] [debug] no change: 13.4s
[0m[37m[2020-11-23T13:51:11.972 CET] [debug] no change: 12.4s
[0m[37m[2020-11-23T13:51:12.973 CET] [debug] no change: 11.4
```

and that's it. Nothing more.

<https://openqa.suse.de/tests/5057715/file/worker-log.txt> looks pretty complete:

```
[2020-11-23T13:51:08.0820 CET] [debug] [pid:9516] REST-API call: POST http://openqa.suse.de/api/v1/jobs/5057715/status
[2020-11-23T13:51:13.0051 CET] [debug] [pid:9516] Stopping job 5057715 from openqa.suse.de: 05057715-sle-15-SP3-Migration-from-SLE12-SPx-ppc64le-Build88.1-offline_sles12sp4_ltss_pscclp_def_full@ppc64le - reason: died
[2020-11-23T13:51:13.0052 CET] [debug] [pid:9516] REST-API call: POST http://openqa.suse.de/api/v1/jobs/5057715/status
[2020-11-23T13:51:13.0053 CET] [debug] [pid:9516] Registered process:63427
[2020-11-23T13:51:15.0053 CET] [debug] [pid:9516] Registered process:63482
[2020-11-23T13:51:17.0085 CET] [info] [pid:68579] Uploading patch_sle-rpm-qa.txt
[2020-11-23T13:51:17.0121 CET] [info] [pid:68579] Uploading record_disk_info-btrfs-filesystem-df.txt
[2020-11-23T13:51:17.0148 CET] [info] [pid:68579] Uploading record_disk_info-btrfs-filesystem-usage.txt
[2020-11-23T13:51:17.0177 CET] [info] [pid:68579] Uploading record_disk_info-df.txt
[2020-11-23T13:51:17.0215 CET] [info] [pid:68579] Uploading record_disk_info-snapper-list.txt
[2020-11-23T13:51:17.0286 CET] [info] [pid:68579] Uploading vars.json
[2020-11-23T13:51:17.0323 CET] [info] [pid:68579] Uploading autoinst-log.txt
[2020-11-23T13:51:17.0367 CET] [info] [pid:68579] Uploading worker-log.txt
```

Acceptance criteria

- **AC1:** If the autoinst-log.txt is incomplete and not even showing that the job finished, the job should automatically retrigger

Suggestions

- Research how we currently automatically retrigger incompletes within the worker code
- Try to reproduce this error in tests by simulating premature isotovideo endings where isotovideo does not even have a proper chance to run till the end
- Extend to retrigger if there was no proper exit code or anything from isotovideo

History

#1 - 2021-03-04 10:28 - cdywan

Discussing this in the standup a bit:

- Do we know that the upload succeeded? Uploading autoinst-log.txt suggests yes, but maybe it wasn't
- Did something crash while autoinst-log.txt was written?
- Is retrigger what we want - since there might be a bug here preventing the logs from being written, ostensibly we'll just retrigger the same bug
- Do we know that e.g. isotovideo finished writing logs to say "should be complete, check for the last message"?
- Who writes autoinst-log.txt?
- Is this the same upload code as for assets? Maybe we should unify these to make it more robust?
- Should we checksum uploaded files to ensure it's complete

#2 - 2021-04-07 11:10 - Xiaojing_liu

cdywan wrote:

Discussing this in the standup a bit:

- Do we know that the upload succeeded? Uploading autoinst-log.txt suggests yes, but maybe it wasn't
- Did something crash while autoinst-log.txt was written?

I tried to reproduce this issue but failed. Not sure how to reproduce it.

- Is retrigger what we want - since there might be a bug here preventing the logs from being written, ostensibly we'll just retrigger the same bug

I think retriggering is a good way, because this issue is random, and it hasn't happened in recent days.

- Do we know that e.g. isotovideo finished writing logs to say "should be complete, check for the last message"?

there should be something like Isotovideo exit status: 1 in autoinst-log.txt when isotovideo finishes.

- Who writes autoinst-log.txt?

If I understand correctly isotovide and worker both write it.

- Is this the same upload code as for assets? Maybe we should unify these to make it more robust?
- Should we checksum uploaded files to ensure it's complete

Could we simply retrigger it if the log file is incomplete by checking Isotovideo exit status: 1?

#3 - 2021-07-06 07:10 - okurz

- *Status changed from Workable to New*

moving all tickets without size confirmation by the team back to "New". The team should move the tickets back after estimating and agreeing on a consistent size

#4 - 2021-07-09 08:17 - okurz

- *Target version changed from Ready to future*

#5 - 2021-11-23 22:19 - okurz

- *Parent task changed from #62420 to #102909*