

openQA Project - action #67972

one module failed to upload results ending an otherwise fine job as failed (was: Some tests are flagged as failed whereas they passed)

2020-06-11 07:37 - ggardet_arm

Status:	Resolved	Start date:	2020-06-11
Priority:	Normal	Due date:	
Assignee:	tinita	% Done:	0%
Category:	Concrete Bugs	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:			

Description

Observation

Some tests are flagged as failed whereas they passed. But one test result is none and no screenshot uploaded.

Example: <https://openqa.opensuse.org/tests/1296756>

Within OSD infrastructure, probably since last deployment we observe the same, e.g.

<https://openqa.suse.de/tests/4348455> - worker.log: [Unable to read result-consoletest_finish.json: No such file or directory](#)
<https://openqa.suse.de/tests/4348369> - worker.log: [Unable to read result-disable_grub_timeout.json: No such file or directory](#)
<https://openqa.suse.de/tests/4357369>

Reproducible

Fails since (at least) Build [20200615-1](#) (current job)

Expected result

Last good: [20200614-1](#) (or more recent)

Further details

Always latest result in this scenario: [latest](#)

Related issues:

Has duplicate openQA Tests - action #68104: [tools] test fails being unable t...

Rejected

2020-06-15

History

#1 - 2020-06-11 15:43 - okurz

- Subject changed from *Some tests are flagged as failed whereas they passed* to *one module failed to upload results ending an otherwise fine job as failed (was: Some tests are flagged as failed whereas they passed)*

- Category set to *Concrete Bugs*

It is expected behaviour that a job can only end up as "passed" if all test modules are "passed" as well. So the question is really why this one job module failed to upload.

#2 - 2020-06-12 08:00 - cdywan

It seems the *welcome* test finishes successfully for all intents and purposes, by the time we get to */// finished welcome* we're past default an unset result to ok.

The os-autoinst logs seem to match the last successful run as well.

#3 - 2020-06-12 19:13 - okurz

- Priority changed from *Normal* to *Low*

- Target version set to *future*

- Difficulty set to *hard*

Unless we can reproduce this I consider the issue infeasible to be fixed.

[ggardet_arm](#) I hope you can help to find jobs where this happens again if at all.

#4 - 2020-06-16 11:18 - okurz

- Has duplicate action #68104: [tools] test fails being unable to read result-<test>.json: No such file or directory added

#5 - 2020-06-16 11:18 - okurz

- Description updated

- Status changed from New to Workable

- Priority changed from Low to Urgent

- Target version changed from future to Ready

- Difficulty deleted (hard)

seems to be a problem we recently introduced and it can be reproduced on osd as well, see [#68104](#)

I merged in the content from [#68104](#)

Likely the change is one of the following from <http://mailman.suse.de/mlarch/SuSE/openqa/2020/openqa.2020.06/msg00003.html> :

```
- Update to version 4.6.1591699942.8543386ed:
  * Dependency cron 200609
  * Add notes about arbitrary reasons
  * Remove out-dated comments; stopping will no longer be delayed as stated
  * Use newly introduced constants for worker commands and stop reasons
  * Improve dealing with worker commands and stop reasons
  * Add missing copyright header in constants modules
  * Remove stop type 'scheduler_abort' which is not used anymore
  * Improve coding style in set_running
  * Prevent Perl warning in downloader code
  * Improve UI for selecting the display order of builds
  * Select interval checkbox for interval from query parameter if applicable
  * Improve wording in the index page form, mainly to improve consistency
  * Improve coding style in JavaScript/CSS/template files
  * Avoid accumulating `comments_page` query parameters when using pagination
  * Fix typo in pagination code
  * Add autorefresh in the index page (#3141)
  * Maintain pagination when an user role changes
  * Fix pagination in the group overview page
  * Dependency cron 200605
  * Turn two schema functions into methods
  * Hide livestream when loading test details and job is currently uploading
  * Update out-dated comment; the image upload is async via Mojo::IOLoop->subprocess
  * t: Use Test::MockModule->redefine in t/28-logging.t
  * Only reload test schedule when test_order.json has been changed
  * Make restart button work again after the job state changed
  * Dependency cron 200604
  * t: Allow to configure amount of unstable/rejective workers in 05-scheduler-full.t
  * t: Simplify worker startup in 05-scheduler-full with map
  * t: Improve test description strings in 05-scheduler-full
  * t: Fix warning in 28-logging.t with strict MockModule and Test::Warnings
  * Extract methods for "ignore_known_images" and "ignore_known_files" in Worker::Job
  * Simplify Worker::Job slightly
  * Remove unnecessary single-line step in Worker::Job
  * Use the more idiomatic ->find instead of ->single
  * Replace duplicate method OpenQA::Schema::Result::Workers::to_string
  * Delete unnecessary pre-declaration of log_warning in OpenQA::Log
  * Generalize handling the video
  * Remove dead code from OpenQA::WebAPI::Plugin::ObsRsync
  * doc: Improve virtio/svirt serial terminal docs
  * Fix tests on OBS when "ps" is not installed
  * Use :report_warnings feature of Test::Warnings
  * Mark "25-cache-service.t" as unstable test as observed in circleci
  * Mark old issues and pull requests as stale
  * Extract methods for "ignore_known_images" and "ignore_known_files" in Worker::Job
  * Simplify Worker::Job slightly
  * Remove unnecessary single-line step in Worker::Job
  * t: Fix "Dubious, test returned 9" in 05-scheduler-full.t
  * t: Fix unstable test 'Allocated maximum number' in 05-scheduler-full
  * t: Sleep only when necessary when waiting for worker
```

- * t: Fix sporadic test failures on mis-assignment of jobs in scheduling
- * t: Increase robustness of 05-scheduler-full with reduced scheduler tick
- * t: Prevent use of occupied port in all full-stack/scalability tests
- * Makefile: Bump timeout limit for various tests for slow circleci
- * t: Provide unique process name for worker in scalability test as well
- * t: More cleanup in t/05-scheduler-full.t

* Tue Jun 02 2020 coolo@suse.com

- Update to version 4.6.1591092399.b9fb68988:
 - * t: Make output nicer on time limit
 - * Dependency cron 200601
 - * Avoid stopping the live log when the worker already works on different job
 - * worker: Keep uploading results until logs and assets have been uploaded
 - * worker: Log every 10th uploaded chunk to autoinst-log.txt as well
 - * Keep 'live' tab shown while uploading for improved feedback
 - * Avoid rendering 'live' tab when job is already done
 - * Update comments in worker function _upload_result
 - * Fix style issue in running.js so jshint shows no errors
 - * Do not shadow \$errors in utils-job-templates test
 - * Capture base_state.json JSON error warning
 - * Add '--merge' option to prove
 - * Show an explicit warning when failing to wakeup scheduler
 - * Prefetch parent job in JobModules::job_modules()
 - * Capture screenshot created message in screenshot test
 - * Dependency cron 200529
 - * t: Make process handling more robust with IPC::Run
 - * Log errors when claiming OpenID identity
 - * Fix visual artifact in audio result box
 - * t: Use OpenQA::Test::TimeLimit in basic.t for a start
 - * t: Add test module to check for test runtime

os-autoinst changes:

* Tue Jun 09 2020 okurz@suse.com

- Update to version 4.6.1591696864.96b3acb2:
 - * Move MakeMaker dependency to build_requires
 - * Fix missing qemu-kvm dependency on non-x86_64
 - * Slightly simplify amt backend
 - * spec: Fix 'update-deps' not to be packaged
 - * Deps: rename %requires to %main_requires
 - * Fix wrong comment about replacerect
 - * Fix YAML::PP dependency
 - * Add flags for non-verbose output to ffmpeg example
 - * Use :report_warnings feature of Test::Warnings
 - * Update documentation of videoencoder.cpp
 - * Support using an external video encoder
 - * Mark old issues and pull requests as stale
 - * Capture isotovideo output in isotovideo test
 - * Dependencies: Add code to update Dockerfile
 - * Makefiles: set CXXFLAGS not CFLAGS or CPPFLAGS
 - * Improve coding style in code file migration of QEMU backend
 - * Improve 'Migrate to file failed [...]' error message to include unit
 - * make update-deps
 - * Dependencies: add tools/update-deps
 - * Add YAML::PP dependency
 - * Simplify use of Test::Output with bare blocks rather than sub refs

Judging from the changelog text I suspect it is one of

- * Dependency cron 200609
- * Add notes about arbitrary reasons
- * Remove out-dated comments; stopping will no longer be delayed as stated
- * Use newly introduced constants for worker commands and stop reasons
- * Improve dealing with worker commands and stop reasons
- * Remove stop type 'scheduler_abort' which is not used anymore
- * Improve coding style in set_running
- * Prevent Perl warning in downloader code
- * Dependency cron 200605
- * Hide livestream when loading test details and job is currently uploading
- * Update out-dated comment; the image upload is async via Mojo::IOLoop->subprocess
- * Only reload test schedule when test_order.json has been changed
- * Dependency cron 200604
- * Dependency cron 200601
- * Avoid stopping the live log when the worker already works on different job

```
* worker: Keep uploading results until logs and assets have been uploaded
* worker: Log every 10th uploaded chunk to autoinst-log.txt as well
* Keep 'live' tab shown while uploading for improved feedback
* Avoid rendering 'live' tab when job is already done
* Update comments in worker function _upload_result
* Do not shadow $errors in utils-job-templates test
* Capture base_state.json JSON error warning
* Prefetch parent job in JobModules::job_modules()
* Capture screenshot created message in screenshot test
* Dependency cron 200529
```

One can reduce the diff further by looking into actual source code changes.

EDIT: Based on looking into actual source code changes:

```
36d40a917 Dependency cron 200609
989c72f81 Use newly introduced constants for worker commands and stop reasons
86da6e1e8 Improve dealing with worker commands and stop reasons
c12830442 Remove stop type 'scheduler_abort' which is not used anymore
a58b3e925 Dependency cron 200605
3a566d824 Turn two schema functions into methods
0d1061afd Only reload test schedule when test_order.json has been changed
857c44176 Dependency cron 200604
f3c04a623 Avoid stopping the live log when the worker already works on different job
a61c520a9 worker: Keep uploading results until logs and assets have been uploaded
aab58ce63 worker: Log every 10th uploaded chunk to autoinst-log.txt as well
ea13c22d6 Prefetch parent job in JobModules::job_modules()
3d5a2b7fd Dependency cron 200529
```

#6 - 2020-06-16 12:48 - okurz

- Status changed from *Workable* to *In Progress*
- Assignee set to *okurz*

We suspect 0d1061afd816b190 added 265d7da412ce8f78bbe3b to be the culprit. I will prepare a partial revert of that commit and check what can be kept from tests.

<https://github.com/os-autoinst/openQA/pull/3176>

#7 - 2020-06-16 13:18 - tinita

I was debugging, and found out that I can reproduce it by adding a sleep here:

```
# os-autoinst/basetest.pm
sub runtest {
    ...
    $self->done();
    sleep 5; # happens sometimes, using 10 seconds it happens always
    $self->{execution_time} = execution_time($starttime);
    ...
}
```

In that case I get the Unable to read result-boot.json: No such file or directory message, the test is labeled as none, and the job is marked as failed.

So a timing issue as expected. That might give us something to work with for fixing it.

#8 - 2020-06-16 13:32 - okurz

- Status changed from *In Progress* to *Feedback*
- Priority changed from *Urgent* to *Normal*

merged.

[tinita](#) feel free to take over as you worked on reproducing the problem locally.

#9 - 2020-06-17 08:42 - tinita

- Assignee changed from *okurz* to *tinita*

#10 - 2020-06-17 08:43 - tinita

The fix (revert) has been deployed.

Created a new PR for <https://progress.opensuse.org/issues/58700>

#11 - 2020-07-01 09:26 - tinita

- Status changed from *Feedback* to *Resolved*

Please reopen if necessary.