



```

Jun 04 12:09:15 openqa openqa-scheduler[9278]: /usr/share/openqa/script/./lib/OpenQA/Setup.pm line 71 (#1)
Jun 04 12:09:15 openqa openqa-scheduler[9278]: (S inplace) The implicit opening of a file through use of the <>
Jun 04 12:09:15 openqa openqa-scheduler[9278]: filehandle, either implicitly under the -n or -p command-line
Jun 04 12:09:15 openqa openqa-scheduler[9278]: switches, or explicitly, failed for the indicated reason. Usually
Jun 04 12:09:15 openqa openqa-scheduler[9278]: this is because you don't have read permission for a file which
Jun 04 12:09:15 openqa openqa-scheduler[9278]: you named on the command line.
Jun 04 12:09:15 openqa openqa-scheduler[9278]:

Jun 04 12:09:15 openqa openqa-scheduler[9278]: (F) You tried to call perl with the -e switch, but /dev/null (or
Jun 04 12:09:15 openqa openqa-scheduler[9278]: your operating system's equivalent) could not be opened.
Jun 04 12:09:15 openqa openqa-scheduler[9278]:

Jun 04 12:09:15 openqa openqa-scheduler[9278]: Uncaught exception from user code:
Jun 04 12:09:15 openqa openqa-scheduler[9278]: Can't open file "/var/log/openqa_scheduler": Permission denied at
/usr/share/openqa/script/./lib/OpenQA/Setup.pm line 71.
Jun 04 12:09:15 openqa openqa-scheduler[9278]: Mojo::File::open('Mojo::File=SCALAR(0x4a1f9e8)', '>>') called at
/usr/share/openqa/script/./lib/OpenQA/Setup.pm line 71
Jun 04 12:09:15 openqa openqa-scheduler[9278]: OpenQA::Setup::setup_log('OpenQA::Setup=HASH(0x13d9e80)') called at
/usr/share/openqa/script/./lib/OpenQA/Scheduler.pm line 81
Jun 04 12:09:15 openqa openqa-scheduler[9278]: OpenQA::Scheduler::run() called at /usr/share/openqa/script/openqa-scheduler line 38
Jun 04 12:09:15 openqa systemd[1]: openqa-scheduler.service: Main process exited, code=exited, status=13/n/a

```

### #3 - 2018-06-04 10:44 - szarate

- Subject changed from openQA scheduler hangs to job\_grab seems to hang with over 1.2K jobs

We've had before 1.2, and didn't die... but looks like this time was impossible not to

### #4 - 2018-06-04 10:57 - EDiGiacinto

Idea by coolo:

```

12:45 <coolo> mudler: I want a blocked_by column in the jobs table that also shows the job differently in the
scheduled table
12:45 <coolo> mudler: and then the scheduler can ignore those - this should limit this subselect query a lot :
)

```

That can work, and likely can be tested experimentally with not much code changes - we need to check out if with that approach we still see a degradation of performance in the job\_grab's generated query in > 1.2K scheduled jobs (and among those, for a good test we need also to schedule jobs with chained parents/parallel, that makes the orm query more heavy).

### #5 - 2018-06-04 11:02 - szarate

- Priority changed from Immediate to Urgent

- Target version set to Ready

So let's stop the workers then during the weekend, and start them after the database dump is created. (Or we can use the one from yesterday)

### #6 - 2018-06-04 11:02 - szarate

- Assignee deleted (szarate)

### #7 - 2018-06-05 04:00 - coolo

- Priority changed from Urgent to Immediate

- Target version changed from Ready to Current Sprint

Damn, there is no way around fixing it - whatever caused it, we have this now whenever there is a lot of load :(

### #8 - 2018-06-05 04:03 - coolo

And I had to cancel the one job and restart the scheduler to have it rolling again.

### #9 - 2018-06-05 04:05 - coolo

<https://openqa.suse.de/tests/1743900> in this case

### #10 - 2018-06-05 04:13 - coolo

Next stop <https://openqa.suse.de/tests/1743954> - looks like support servers of clusters are a problem :(

### #11 - 2018-06-05 06:08 - coolo

- Category changed from 168 to 122

- Assignee set to coolo

It also can fail with simple Server-Client clusters - <https://openqa.suse.de/tests/1744194#settings>

#### #12 - 2018-06-05 06:14 - coolo

- Subject changed from *job\_grab seems to hang with over 1.2K jobs to job\_grab hangs on multimachine jobs*

The query created is <https://pastebin.com/r0zbhCrn> - there is something majorly f\*\*\*\*ed

#### #13 - 2018-06-05 14:23 - szarate

- Related to action #32545: *Provide warning when user creates/triggers misconfigured multi-machine clusters added*

#### #14 - 2018-06-05 14:46 - coolo

- Subject changed from *job\_grab hangs on multimachine jobs to job\_grab does not cope with parallel cycles*

- Priority changed from *Immediate to Normal*

After a lot of debugging we found the underlying problem. two test suites both added PARALLEL\_WITH with each other, which resulted in a cycle of dependencies. We were just not aware that this is possible, so we didn't look earlier into this and hunted in many other directions first :(

the test suites are fixed

#### #15 - 2018-06-05 14:46 - EDiGiacinto

- Related to coordination #32851: *[tools][EPIC] Scheduling redesign added*

#### #16 - 2018-06-22 07:44 - szarate

- Assignee changed from *coolo to szarate*

I will give it a look

#### #17 - 2018-06-22 14:51 - szarate

Started adding a new fixture, [https://github.com/foursixnine/openQA/commits/recursioniscalled\\_](https://github.com/foursixnine/openQA/commits/recursioniscalled_) let's see how it goes.

#### #18 - 2018-07-06 07:52 - szarate

- Status changed from *New to In Progress*

So working with the test fixture is not a problem, now caching the real problem is...

I tried to catch them in the job\_create\_dependencies, but had no luck so far, as the jobs are already created, making the tests fail horribly. I switched to look at create\_from\_settings method, but having a key=value table doesn't make it easy.

#### #19 - 2018-09-06 18:59 - coolo

<https://github.com/os-autoinst/openQA/pull/1775>

#### #20 - 2018-09-07 11:27 - coolo

- Status changed from *In Progress to Resolved*

merged

#### #21 - 2018-09-14 12:16 - coolo

- Target version changed from *Current Sprint to Done*

## Files

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scheduler-locking.txt	194 KB	2018-06-04	szarate
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