

openQA Project - action #75265

sporadic errors in test suite of perl-Mojo-IOLoop-ReadWriteProcess

2020-10-25 13:44 - okurz

Status:	Resolved	Start date:	2020-10-25
Priority:	Normal	Due date:	
Assignee:	kraih	% Done:	0%
Category:	Concrete Bugs	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:			

Description

Observation

https://build.opensuse.org/package/live_build_log/devel:openQA:Leap:15.1/perl-Mojo-IOLoop-ReadWriteProcess/openSUSE_Leap_15.1/x86_64 shows

```
[ 97s] TEST error print
[ 97s] TEST error print
[ 97s] t/01_run.t ..... ok
[ 108s] t/02_parallel.t ..... ok
[ 109s] Can't use an undefined value as filehandle reference at lib/Mojo/IOLoop/ReadWriteProcess.
pm line 298.
[ 126s] t/03_func.t ..... ok
[ 127s] t/04_queues.t ..... ok
[ 127s] t/05_serialize.t ..... ok
[ 131s] t/06_events.t ..... ok
[ 191s]
[ 191s] # Failed test 'collect_status fired 8 times'
[ 191s] # at t/07_autodetect.t line 411.
[ 191s] # got: undef
[ 191s] # expected: '1'
[ 191s]
[ 191s] # Failed test 'new_subprocess fired 7 times'
[ 191s] # at t/07_autodetect.t line 412.
[ 191s] # got: '9'
[ 191s] # expected: '8'
[ 191s]
[ 191s] # Failed test 'detection works'
[ 191s] # at t/07_autodetect.t line 414.
[ 191s] # got: '9'
[ 191s] # expected: '8'
[ 191s] # bless( {
[ 191s] #   '_status' => -1,
[ 191s] #   'args' => [],
[ 191s] #   'error' => bless( [], 'Mojo::Collection' ),
[ 191s] #   'error_stream' => bless( \*Symbol::GEN122, 'IO::Handle' ),
[ 191s] #   'events' => {},
[ 191s] #   'execute' => '/home/abuild/rpmbuild/BUILD/Mojo-IOLoop-ReadWriteProcess-0.28/t/dat
a/subreaper/roulette.sh',
[ 191s] #   'process_id' => 1744,
[ 191s] #   'read_stream' => bless( \*Symbol::GEN120, 'IO::Handle' ),
[ 191s] #   'separate_err' => 1,
[ 191s] #   'session' => bless( {
[ 191s] #     'collect_status' => 1,
[ 191s] #     'events' => {
[ 191s] #       'collected' => [
[ 191s] #         sub { "DUMMY" }
[ 191s] #       ],
[ 191s] #       'collected_orphan' => [
[ 191s] #         sub { "DUMMY" }
[ 191s] #       ]
[ 191s] #     }
[ 191s] #   }
[ 191s] # ]
```

```

[ 191s] #     },
[ 191s] #     'handler' => undef,
[ 191s] #     'orphans' => {
[ 191s] #         '1744' => bless( {
[ 191s] #             '_status' => 256,
[ 191s] #             'process_id' => 1744
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1748' => bless( {
[ 191s] #             '_status' => 256,
[ 191s] #             'process_id' => 1748
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1749' => bless( {
[ 191s] #             '_status' => 256,
[ 191s] #             'process_id' => 1749
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1755' => bless( {
[ 191s] #             '_status' => 256,
[ 191s] #             'process_id' => 1755
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1756' => bless( {
[ 191s] #             '_status' => 256,
[ 191s] #             'process_id' => 1756
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1762' => bless( {
[ 191s] #             '_status' => 0,
[ 191s] #             'process_id' => 1762
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1763' => bless( {
[ 191s] #             '_status' => 0,
[ 191s] #             'process_id' => 1763
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1773' => bless( {
[ 191s] #             '_status' => 0,
[ 191s] #             'process_id' => 1773
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' ),
[ 191s] #         '1774' => bless( {
[ 191s] #             '_status' => 0,
[ 191s] #             'process_id' => 1774
[ 191s] #         }, 'Mojo::IOLoop::ReadWriteProcess' )
[ 191s] #     },
[ 191s] #     'process_table' => {
[ 191s] #         '1744' => \${VAR1}
[ 191s] #     },
[ 191s] #     'subreaper' => 1
[ 191s] # }, 'Mojo::IOLoop::ReadWriteProcess::Session' ),
[ 191s] # 'set_pipes' => 1,
[ 191s] # 'subreaper' => 1,
[ 191s] # 'write_stream' => bless( \*Symbol::GEN121, 'IO::Handle' )
[ 191s] # }, 'Mojo::IOLoop::ReadWriteProcess' )
[ 191s] # Looks like you failed 3 tests of 4.
[ 191s]
[ 191s] # Failed test 'subreaper_bash_roulette'
[ 191s] # at t/07_autodetect.t line 418.
[ 191s] 0 at t/07_autodetect.t line 414.
[ 191s] # Tests were run but no plan was declared and done_testing() was not seen.
[ 191s] # Looks like your test exited with 255 just after 7.
[ 191s] t/07_autodetect.t .....
[ 191s] Dubious, test returned 255 (wstat 65280, 0xff00)
[ 191s] Failed 1/7 subtests
[ 191s] (less 2 skipped subtests: 4 okay)
[ 193s] t/08_ioloop.t ..... ok
[ 194s] t/09_session.t ..... ok
[ 195s] t/10_cgroupv1.t ..... ok
[ 196s] t/10_cgroupv2.t ..... ok
[ 197s] t/11_containers.t ..... skipped: This test works only if you have cgroups permissions
[ 255s] t/12_mocked_container.t .. ok
[ 256s] t/13_shared.t ..... skipped: Skipped unless TEST_SHARED is set

```

```
[ 256s]
[ 256s] Test Summary Report
[ 256s] -----
[ 256s] t/07_autodetect.t      (Wstat: 65280 Tests: 7 Failed: 1)
[ 256s]   Failed test: 7
[ 256s]   Non-zero exit status: 255
[ 256s]   Parse errors: No plan found in TAP output
[ 256s] Files=15, Tests=62, 162 wallclock secs ( 0.25 usr  0.15 sys + 11.89 cusr  2.20 csys = 14.49 CPU)
[ 256s] Result: FAIL
[ 256s] Failed 1/15 test programs. 1/62 subtests failed.
```

so unhandled output in t/01_run.t, perl warning "Can't use an undefined value as filehandle reference at lib/Mojo/IOLoop/ReadWriteProcess.pm line 298." in t/03_func.t and errors in t/07_autodetect.t

Then in

https://build.opensuse.org/package/live_build_log/devel:openQA:Leap:15.2/perl-Mojo-IOLoop-ReadWriteProcess/openSUSE_Leap_15.2/aarch64

```
[ 187s] t/11_containers.t ..... skipped: This test works only if you have cgroups permissions
[ 211s]
[ 211s] #   Failed test 'procs interface contains the added pids'
[ 211s] #   at t/12_mocked_container.t line 37.
[ 211s] #       got: ''
[ 211s] #   expected: '1785'
[ 211s] # '
[ 211s] # 1785
[ 244s] # Looks like you failed 1 test of 43.
[ 244s]
[ 244s] #   Failed test 'container_3'
[ 244s] #   at t/12_mocked_container.t line 258.
[ 244s] # Looks like you failed 1 test of 3.
[ 244s] t/12_mocked_container.t ..
[ 244s] Dubious, test returned 1 (wstat 256, 0x100)
[ 244s] Failed 1/3 subtests
```

and in

https://build.opensuse.org/package/live_build_log/devel:openQA:Leap:15.2/perl-Mojo-IOLoop-ReadWriteProcess/openSUSE_Leap_15.2/x86_64

```
[ 70s] t/03_func.t ..... ok
[ 71s] t/04_queues.t ..... ok
[ 3679s] qemu-system-x86_64: terminating on signal 15 from pid 18026 ()
```

Job seems to be stuck here, killed. (after 3600 seconds of inactivity)

so stuck in tests.

Acceptance criteria

- **AC1:** All tests included in OBS checks running stable, i.e. either tests stabilized or excluded from running

Suggestions

- Try to reproduce problems locally and try to fix them or exclude them from checks within the spec file with according comments

History

#1 - 2020-11-05 09:50 - kraih

- Assignee set to kraih

I'll take a look.

#2 - 2020-11-09 15:45 - okurz

https://build.opensuse.org/package/live_build_log/devel:openQA:Leap:15.2/perl-Mojo-IOLoop-ReadWriteProcess/openSUSE_Leap_15.2/ppc64le shows again:

```
[ 119s] t/04_queues.t ..... ok
[ 3725s] qemu-system-ppc64: terminating on signal 15 from pid 27286 (<unknown process>)
```

Not sure if that means that t/04_queues.t is stuck after it returned "ok" or if the next test module "05_serialize.t" starts, gets stuck and never finishes. I recommend we report upstream issues for each individual problem and exclude the problems from OBS checks. And of course we can fix the upstream issues and re-add checks accordingly.

[krajih](#) Did you have some progress already or should we exclude the tests accordingly?

#3 - 2020-11-13 08:36 - okurz

These failures in OBS continue to annoy me. I created an upstream issue <https://github.com/mudler/Mojo-IOLoop-ReadWriteProcess/issues/14> now and created <https://build.opensuse.org/request/show/848298> to ignore the unstable tests in OBS for now. I haven't heard from you so I assume you have not done any actual code changes but I hope this does not conflict with anything you have done already.

EDIT: 2020-11-13: <https://build.opensuse.org/request/show/848415> was accepted. <https://build.opensuse.org/request/show/848419> is the corresponding Factory submission.

EDIT: 2020-11-16: <https://build.opensuse.org/request/show/848415> was accepted into Factory. <https://build.opensuse.org/package/show/devel:openQA:Leap:15.2/perl-Mojo-IOLoop-ReadWriteProcess> is a link and hence is the same version.

#4 - 2020-11-27 19:04 - okurz

- Status changed from *Workable* to *Resolved*

[krajih](#) haven't heard from you regarding this ticket and no update. With the workarounds applied and the upstream issue filed I think we can call it "Resolved" from our end.