

## openQA Project - action #71227

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 incompletes with auto\_review:"backend died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

2020-09-11 07:47 - Xiaojing\_liu

<b>Status:</b>	Workable	<b>Start date:</b>	2020-09-11
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Feature requests	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	future		
<b>Difficulty:</b>			

#### Description

#### Observation

<https://openqa.suse.de/tests/4673747> in incomplete, reason is: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

<https://openqa.suse.de/tests/4673747/file/autoinst-log.txt> shows:

```
[37m[2020-09-11T02:59:50.763 CEST] [debug] Backend process died, backend errors are reported below
in the following lines:
'current_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932.
  backend::baseclass::wait_serial(backend::svirt=HASH(0x55a087239aa8), HASH(0x55a08804a420)) cal
led at /usr/lib/os-autoinst/backend/baseclass.pm line 89
  backend::baseclass::handle_command(backend::svirt=HASH(0x55a087239aa8), HASH(0x55a088c2c420))
called at /usr/lib/os-autoinst/backend/baseclass.pm line 625
  backend::baseclass::check_socket(backend::svirt=HASH(0x55a087239aa8), IO::Handle=GLOB(0x55a087
bb56f8), 0) called at /usr/lib/os-autoinst/backend/svirt.pm line 337
  backend::svirt::check_socket(backend::svirt=HASH(0x55a087239aa8), IO::Handle=GLOB(0x55a087bb56
f8), 0) called at /usr/lib/os-autoinst/backend/baseclass.pm line 276
  eval {...} called at /usr/lib/os-autoinst/backend/baseclass.pm line 191
  backend::baseclass::run_capture_loop(backend::svirt=HASH(0x55a087239aa8)) called at /usr/lib/o
s-autoinst/backend/baseclass.pm line 146
  backend::baseclass::run(backend::svirt=HASH(0x55a087239aa8), 13, 16) called at /usr/lib/os-aut
oinst/backend/driver.pm line 86
  backend::driver::__ANON__(Mojo::IOLoop::ReadWriteProcess=HASH(0x55a087733d48)) called at /usr/
lib/perl5/vendor_perl/5.26.1/Mojo/IOLoop/ReadWriteProcess.pm line 326
  eval {...} called at /usr/lib/perl5/vendor_perl/5.26.1/Mojo/IOLoop/ReadWriteProcess.pm line 32
6
  Mojo::IOLoop::ReadWriteProcess::_fork(Mojo::IOLoop::ReadWriteProcess=HASH(0x55a087733d48), COD
E(0x55a088ef7228)) called at /usr/lib/perl5/vendor_perl/5.26.1/Mojo/IOLoop/ReadWriteProcess.pm lin
e 477
  Mojo::IOLoop::ReadWriteProcess::start(Mojo::IOLoop::ReadWriteProcess=HASH(0x55a087733d48)) cal
led at /usr/lib/os-autoinst/backend/driver.pm line 88
  backend::driver::start(backend::driver=HASH(0x55a0884b1268)) called at /usr/lib/os-autoinst/ba
ckend/driver.pm line 52
  backend::driver::new("backend::driver", "svirt") called at /usr/bin/isotovideo line 222
  main::init_backend() called at /usr/bin/isotovideo line 273
```

Checking the git log of test distri between "first bad" and "last good" (when tests were green again) shows:

```
$ git log1 --no-merges de9fd2b5dcf5d9bc31807e29cd720ac80a1c7f9f..bb6dc4672fc0177c4fb20d7dfd08ddb82
4e0d0a4
f9f7351ab Remove /tmp as subvolume in profile validation
ee4098d8f Improve pre- and post-feature test
74cd182e8 Rename sap.slice to SAP.slice
f2d6865d7 Wait snapper to settle down to assert root-console
```

with some changes to "lib/virt\_feature\_test\_base.pm" which might be related.

## Problem

This can happen if the console is not properly initialized by test code.

From the error message it is unclear if test code is the culprit or some temporary, flaky error in the infrastructure. This could be cleaner.

## Acceptance criteria

- **AC1:** It is obvious to the test reviewer if this is a (temporary) infrastructure issue or a problem in test code that needs to be fixed

## Suggestions

- Crosscheck how "current\_console" is used within os-autoinst
- Improve error handling with explicit error messages on misuse
- Optional: Apply something similar for "reset\_consoles". For this also see #60437 and <https://github.com/os-autoinst/os-autoinst/pull/1288>

### Related issues:

Related to openQA Tests - action #71230: [SLE] Test 'default\_install\_svirt' i...

Resolved

2020-09-11

## History

### #1 - 2020-09-11 08:03 - Xiaoqing\_liu

- Subject changed from job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932." to job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

### #2 - 2020-09-11 08:05 - Xiaoqing\_liu

- Subject changed from job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932." to job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

### #3 - 2020-09-11 08:16 - Xiaoqing\_liu

- Subject changed from job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932." to job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

### #4 - 2020-09-11 08:49 - Xiaoqing\_liu

- Subject changed from job incompletes with auto\_review: "Backend process died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932." to job incompletes with auto\_review: "backend died: 'current\_console' is not set at /usr/lib/os-autoinst/backend/baseclass.pm line 932."

### #6 - 2020-09-14 14:01 - okurz

- Description updated

- Category set to Feature requests

- Status changed from New to Workable

- Target version set to Ready

latest job in this scenario seems fine again: Following

[https://openqa.suse.de/tests/latest?arch=x86\\_64&distri=sle&flavor=Online&machine=svirt-vmware65&test=default\\_install\\_svirt&version=15-SP3](https://openqa.suse.de/tests/latest?arch=x86_64&distri=sle&flavor=Online&machine=svirt-vmware65&test=default_install_svirt&version=15-SP3)

yields passed result <https://openqa.suse.de/tests/4675996>. Unclear what fixed this but I assume it was someone from SUSE QA SLE Virtualization.

Still we can improve UX here.

### #7 - 2020-09-15 01:39 - Xiaoqing\_liu

- Related to action #71230: [SLE] Test 'default\_install\_svirt' is incomplete in OSD with error: 'Backend process died' added

### #8 - 2020-09-15 01:45 - Xiaoqing\_liu

okurz wrote:

latest job in this scenario seems fine again: Following

[https://openqa.suse.de/tests/latest?arch=x86\\_64&distri=sle&flavor=Online&machine=svirt-vmware65&test=default\\_install\\_svirt&version=15-SP3](https://openqa.suse.de/tests/latest?arch=x86_64&distri=sle&flavor=Online&machine=svirt-vmware65&test=default_install_svirt&version=15-SP3)

yields passed result <https://openqa.suse.de/tests/4675996> . Unclear what fixed this but I assume it was someone from SUSE QA SLE Virtualization. Still we can improve UX here.

I added the related ticket. The job was incomplete because tester did not specify ISO=xxx when triggering the job.

**#9 - 2020-10-29 22:04 - okurz**

- *Target version changed from Ready to future*

**#10 - 2020-11-25 11:58 - okurz**

- *Parent task set to #62420*

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

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