openQA Project - action #12922

hard-chained jobs running on same worker one after another

2016-07-28 15:48 - okurz

Status:	Resolved		**Start date:**	2016-07-28
Priority:	Normal		**Due date:**	
Assignee:	okurz		**% Done:**	0%
Category:	Feature requests		**Estimated time:**	0.00 hour
Target version:				
Difficulty:				

Description

user story

For execution of chained jobs on workers without support for publishing hard disk image files we want one job to be executed after another one on the same machine without any other job interfering e.g. to upgrade scenarios

acceptance criteria

- **AC1:** Scheduler ensures that two hard-chained jobs run on the same worker directly one after another without releasing the worker in between

tasks

- maybe this is already solved and someone can share insight and tell how it's done?
- Probably what should work is to set a worker class so specific that the same worker is ensured to be used for the second part of the job chain but this is not enough as the worker could still take another job in between.

further details

We are trying to implement upgrade test suites on s390x zvm where we have to prepare the SUT with an older version, e.g. SLE12-SP1, and then want to upgrade to SLE12-SP2 but as we use DASD devices we can not allow another job to interfere and mangle with the disk before the upgrade scenario starts on the same disk. For now we are trying to just run multiple test modules again within one scenario, e.g.

```
load_inst_tests();
UPGRADE=1
load_inst_tests();
```

but this is very complicated as one has to keep in mind that variables are evaluated during test scheduling time as well as during test execution time so in the end probably variables like "UPGRADE" need to be set in both context. Still, needles matching on these variables would also need to be adjusted *or* the whole unregister_needles approach needs to be reworked to keep the needles for the old version around and only dump then later after switching to the upgrade target, e.g. 12-SP2.

Related issues:			
Blocks openQA Tests - action #9674: [sles][functional][s390x] test an existin...	**Resolved**	**2015-11-25**	**2017-11-08**

History

#1 - 2016-07-29 13:06 - okurz

- Blocks action #12330: Upgrades on s390 added

#2 - 2016-07-29 13:19 - okurz

- Blocks action #9674: [sles][functional][s390x] test an existing installation added

#3 - 2016-11-06 11:44 - okurz

Also, keep in mind that loading the same module multiple times in a testplan is supported by os-autoinst but not (yet) by openQA, also see https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/2039#discussion_r85654662

#4 - 2017-01-30 12:01 - okurz

- Blocks deleted (action #12330: Upgrades on s390)

#5 - 2017-01-30 12:28 - okurz

- Status changed from New to Feedback

- Assignee set to okurz

[#12330](#) is not blocked by this one anymore as it looks it is "just working" right now, maybe no change is necessary anyway. We can get it back on the backlog when we see problems (if at all).

#6 - 2017-02-16 15:38 - okurz

- Status changed from Feedback to Resolved