

openQA Project - coordination #44360

coordination # 15132 (Blocked): [saga][epic] Better structure of test plans in main.pm

[epic] Parameterize test suites within job groups

2018-11-26 12:27 - coolo

Status: Blocked	Start date: 2019-01-25
Priority: Low	Due date:
Assignee: okurz	% Done: 86%
Category: Feature requests	Estimated time: 0.00 hour
Target version: future	
Difficulty:	
Description <p>We discussed how we can reduce the number of test suites and one solution is to move the workflow parameters to job groups.</p> <p>So instead of install-kde, install-gnome and install-text, we schedule install 3 times with 3 different DESKTOP parameters.</p> <p>This has several implications - hence the epic.</p> <ul style="list-style-type: none">• we need to provide a variable setting in the job group interface• we need to summarize the test suite differently in the review interfaces, possibly by requiring the user to give the parameterized test suite another name• we need to extend the DB interface of job groups• we need to provide a new API for this	
Subtasks:	
action # 46667: Define version-able and human readable format for job scheduling-relate...	Resolved
action # 46670: Create import for format defined in #46667	Resolved
action # 46673: Extend tables for job scheduling by another table for parameters	Resolved
action # 50675: Commit changes to scheduling YAML to Git repository	New
action # 54143: Support parameters in {load,dump}_templates	Resolved
action # 54146: Expose saving YAML and opt-in migration in the editor	Resolved
action # 54149: Diffs for better error handling in the YAML editor	Resolved
action # 54179: Re-use YAML between different groups	New
action # 55454: The job group YAML schedule should support multiple scenarios with diff...	Resolved
coordination # 55730: [epic] Move parameters from test suites into job groups	Resolved
action # 56540: convert staging job groups to YAML	Resolved
action # 57845: Switch more job groups to YAML job templates	Resolved
action # 58652: Write a training file about how to use YAML in job group	Resolved
action # 60329: Use more parameterized job templates for test suites only used once	Resolved
action # 60782: descriptions for parameterized job templates independant of test suite ...	Resolved
action # 64967: job templates are duplicated as job template in job groups as well as t...	Resolved
action # 60014: Show YAML editor for unmigrated groups	Resolved
action # 60020: Provide a script to migrate job groups to YAML automatically	Resolved
action # 60017: Document process and potential issues with migration to YAML	Resolved
coordination # 66727: [epic] Define structure to define test suites not in openQA database	Resolved
action # 66781: hidden keys in yaml job templates	Resolved
Related issues:	
Related to openQA Project - action #45413: Support markdown in the test suite...	Rejected 2018-12-19

History

#1 - 2018-11-26 12:40 - okurz

- Parent task set to #15132

#2 - 2018-11-28 10:51 - mkittler

we need to extend the DB interface of job groups

Or, more specifically, of the job *templates* table.

In the last meeting we also discussed that having a config file in some Git repo could be preferable compared to saving the config in the database. So I suppose we save this idea for later?

#3 - 2018-11-28 12:20 - okurz

mkittler wrote:

So I suppose we save this idea for later?

I think that was the idea, yes.

Btw, I realized that with the "inter-machine dependencies" we reference machines within testsuites even though they are not defined there. Maybe this could be streamlined along with this epic here as I see it related.

#4 - 2019-01-25 09:36 - JERiveraMoya

- Blocked by action #45413: Support markdown in the test suites description added

#5 - 2019-01-25 09:37 - JERiveraMoya

- Blocked by deleted (action #45413: Support markdown in the test suites description)

#6 - 2019-01-25 09:37 - JERiveraMoya

- Blocks action #45413: Support markdown in the test suites description added

#7 - 2019-01-25 10:22 - mkittler

In the last meeting the idea to have the data in a version-able and human readable document (e.g. YAML file) was picked up again.

#8 - 2019-05-28 09:30 - cdywan

- Due date set to 2019-06-18

due to changes in a related task

#9 - 2019-06-20 15:49 - okurz

- Category changed from 122 to Feature requests

#10 - 2019-08-21 08:10 - sebchlad

"We discussed how we can reduce the number of test suites and one solution is to move the workflow parameters to job groups.

So instead of install-kde, install-gnome and install-text, we schedule install 3 times with 3 different DESKTOP parameters."

The best example to try this out, which I can think of, would be hpc/mpi testing.

For SLE15 we might be supporting 5+ MPI implementations.

Testing of MPIs requires the multimachine set-up; currently I define following test suits for each MPI flavor: master, slaves*2, supportserver.

That means 5 MPIs * 4 test suits = 20 entries using the same test code beneath.

The matter is actually worse as the real bugs were found with different CPU count.

Currently I maintain 2 different CPU counts; QEMUCPUS=1 and QEMUCPUS=2.

So effectively = 20 test suits * 2.

We could consider parameterizing mpi_flavour to begin with.

@Oli: thx for pointing this poo to me.

#11 - 2019-09-06 10:40 - okurz

- Due date changed from 2019-06-18 to 2019-09-06

due to changes in a related task

#12 - 2019-10-08 08:38 - okurz

- Status changed from New to Blocked
- Assignee set to okurz
- Target version changed from Ready to Current Sprint

Discussed in QA tools meeting 2019-10-08, waiting for colleagues mainly from "QA SLE Migration" and "QA SLE Virtualization" to be able to follow on with migration, roughly mid of October. Blocked by subtask [#55730](#)

#13 - 2019-10-09 16:28 - okurz

- Due date changed from 2019-06-18 to 2019-10-22

due to changes in a related task

#14 - 2019-11-19 10:18 - okurz

Deprecation notice in: <https://github.com/os-autoinst/openQA/pull/2518>

#15 - 2019-11-19 10:47 - okurz

- Status changed from Blocked to Feedback

Going further with a deprecation notice: <https://github.com/os-autoinst/openQA/pull/2518>

#16 - 2019-11-19 19:53 - okurz

- Due date changed from 2019-11-19 to 2020-02-29

due to changes in a related task

#17 - 2019-11-19 19:53 - okurz

- Status changed from Feedback to Blocked

PR merged and also [#60014](#) done. Rest is again in subtickets.

#18 - 2019-11-27 10:17 - okurz

- Due date changed from 2020-02-29 to 2020-11-27

due to changes in a related task

#19 - 2020-10-12 13:36 - szarate

- Tracker changed from action to coordination
- Status changed from Blocked to New
- Difficulty deleted (hard)

#20 - 2020-10-12 13:46 - szarate

See for the reason of tracker change: <http://mailman.suse.de/mailman/private/qa-sle/2020-October/002722.html>

#21 - 2020-10-20 09:15 - okurz

- Target version changed from Current Sprint to Ready

#22 - 2020-10-20 21:35 - okurz

- Blocks deleted (action #45413: Support markdown in the test suites description)

#23 - 2020-10-20 21:35 - okurz

- Related to action #45413: Support markdown in the test suites description added

#24 - 2020-10-26 08:39 - okurz

- Status changed from New to Blocked

#25 - 2021-06-28 11:36 - okurz

- Target version changed from Ready to future

saga not in current backlog as well as the only remaining subtask, moving to "future" for now again.