

qe-yast - action #115235

[Timebox: 24h] Investigate how to make Gitlab CI work for more than 1 job group

2022-08-11 11:35 - JERiveraMoya

Status:	Resolved	Start date:	2022-08-11
Priority:	Normal	Due date:	
Assignee:	rainerkoenig	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Current		
Description			
Motivation			
<p>During SLE-15-SP4 we had plenty of issues with the infrastructure in particular, networking, svirt-hyperv machines, remote workers rebooting issues like in PowerVM and so on. We should be able to move configuration to a Development group and of course mention weekly what we are excluding. It is not planned to exclude everything, like we do more strictly in Maintenance Updates, but at least to have an easy way to move configuration and make our life easier when reviewing openQA.</p> <p>Currently it is not the case for Product validation, the CI only is ready for update one job group yaml. https://gitlab.suse.de/qs-f-y/qa-sle-functional-y CI in maintenance would allow us to do that, but it is using json instead of yaml, making really slow the web ui, as all the test suites are stored in db. Also it is not trivial to figure out the settings required for a test suite when migrated from its declaration using yaml to its declaration using json. Making possible to work with more than one job group will have a lot of advantages, among them, we could consider unify CI with migration in https://gitlab.suse.de/coolgw/wegao-test/</p>			
Acceptance criteria			
AC1: Figure out what would be the required changes			
Suggestions			
<p>If trivial, implement it as a PoC, if not create follow-up tickets. Quickly looking at the code we could see that we might need to rename this folder to represent YaST group, create another folder which represent the name of another job group and iterate over that. It would be great to not have hardcoded the group id and have a yaml file to specify them.</p>			

History

#1 - 2022-08-11 12:27 - JERiveraMoya

- Description updated

#2 - 2022-08-15 11:41 - JERiveraMoya

- Subject changed from *[Research: 24h] Investigate how to make Gitlab CI work for more than 1 job group* to *[timebox: 24h] Investigate how to make Gitlab CI work for more than 1 job group*

#3 - 2022-08-16 10:26 - JERiveraMoya

- Description updated

- Status changed from *Workable* to *New*

#4 - 2022-08-16 10:27 - JERiveraMoya

- Description updated

#5 - 2022-08-17 05:29 - JERiveraMoya

- Subject changed from *[timebox: 24h] Investigate how to make Gitlab CI work for more than 1 job group* to *[Timebox: 24h] Investigate how to make Gitlab CI work for more than 1 job group*

#6 - 2022-08-17 08:29 - JERiveraMoya

- Tags deleted (*qe-yast-refinement*)

- Status changed from *New* to *Workable*

#7 - 2022-08-31 09:05 - rainerkoenig

- Status changed from *Workable* to *In Progress*

- Assignee set to *rainerkoenig*

#8 - 2022-09-05 12:23 - JERiveraMoya

Consider existing CI for migration already applies it:

<https://gitlab.suse.de/coolgw/wegao-test/-/blob/master/.gitlab-ci.yml>

#9 - 2022-09-09 13:53 - rainerkoenig

Investigation notes

Current handling for migration

- The [migration job group repo](#) uses just one YAML file per job group.
- GitLab CI triggers on merge requests and when specific job group YAML is changed.

Current handling for YaST

- in the [YaST job group repo](#) we have one directory for the job group that holds the defaults and one YAML per architecture.
- GitLab CI triggers on merge requests and when any file under JobGroups changes or even if `.gitlab-ci.yml` changes.

Suggestion for a YaST devel job group

- create a `YaST_devel` job group and put its number in the CI as `GROUP_ID_SLE15_DEVEL`.
- keep the directory per job group approach and create e.g. `SLE_15_devel` directory to hold the YAML files.
- Duplicate the current CI approach for the devel group.
- Make triggers more specific to each group, so that only those parts of the CI will run when files in a job group have changed.
- discuss if we should remove `.gitlab-ci.yml` from the triggers?

#10 - 2022-09-12 10:34 - rainerkoenig

MR to review (but not to merge) is ready: https://gitlab.suse.de/qsf-y/qa-sle-functional-y/-/merge_requests/417

#11 - 2022-09-19 05:51 - JERiveraMoya

- Status changed from *In Progress* to *Resolved*