

openQA Tests - action #12804

[qe-core][functional][sles][opensuse][installation] Do more easy to debug tests by using chroot installations ... or containers :)

2016-07-21 08:16 - okurz

Status:	Workable	Start date:	2016-07-21
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	Enhancement to existing tests	Estimated time:	42.00 hours
Target version:	future		
Difficulty:			
Description e.g. see https://jenkins.debian.net/view/All/job/chroot-installation_jessie_install_education-logic-games_upgrade_to_stretch/111/console why do we need to bootstrap a full installation and watch at the screen when the result is just that package dependencies can not be resolved? I think for this we should rather use Jenkins and chroot installations. This might be more of an issue for generic "SUSE/openSUSE testing approach" but please don't just close this ticket but move it to this project or create one if we don't have that progress project so far. further interesting references https://jenkins.debian.net/view/All/job/g-i-installation_debian_sid_daily_lxde/			
Related issues:			
Related to openQA Project - action #20246: [gsoc] Investigate/implement conta...		Rejected	2017-07-04

History

#1 - 2016-07-21 08:17 - okurz

- Description updated

#2 - 2016-11-08 22:45 - okurz

- Category set to Enhancement to existing tests

#3 - 2017-06-20 14:18 - asmorodskyi

- Subject changed from Do more easy to debug tests by using chroot installations to [sles][opensuse][installation] Do more easy to debug tests by using chroot installations

#4 - 2018-08-07 06:32 - okurz

- Subject changed from [sles][opensuse][installation] Do more easy to debug tests by using chroot installations to [functional][sles][opensuse][installation] Do more easy to debug tests by using chroot installations

- Target version set to future

#5 - 2018-10-12 13:34 - okurz

- Subject changed from [functional][sles][opensuse][installation] Do more easy to debug tests by using chroot installations to [functional][u][sles][opensuse][installation] Do more easy to debug tests by using chroot installations ... or containers :)

I think by now containers are the way to go :)

#6 - 2018-10-18 13:15 - okurz

- Related to action #20246: [gsoc] Investigate/implement container-based backend added

#7 - 2018-10-18 19:04 - okurz

- Target version changed from future to Milestone 21

Shortly discussed with slindomansilla. What we think might be feasible and useful is to conduct one of the existing test modules from openQA

scenarios like "textmode" within a container. This would fit in somewhere between tests in OBS like <https://build.opensuse.org/project/show/home:okurz:test-packagehub> and the openQA installation scenarios. The quickmost dirty approach is probably when we boot any existing (older, stable) OS disk image, install docker in there, pull the latest published image of the product to test, add more current repos with SUSEConnect/zypper, register, install and conduct a simple test. However, this sounds a bit wasteful as we would need to boot a VM to conduct a container based test within. I feel we really should use gitlab CI instead. Maybe one micro-app that listens to AMQP OBS events and on new publications of the products we test trigger a container based CI test in a gitlab project.

#8 - 2019-01-07 16:52 - okurz

- Target version changed from Milestone 21 to future

#9 - 2020-03-09 09:43 - SLindoMansilla

- Status changed from New to Workable

- Priority changed from Normal to Low

- Estimated time set to 42.00 h

#10 - 2020-11-06 10:33 - tjrinki_suse

- Subject changed from [functional][u][sles][opensuse][installation] Do more easy to debug tests by using chroot installations ... or containers :) to [qe-core][functional][sles][opensuse][installation] Do more easy to debug tests by using chroot installations ... or containers :)