

openQA Project - action #68260

[packages] prevent submission of failed packages from devel:openQA:tested to Factory

2020-06-19 14:37 - okurz

Status:	Resolved	Start date:	2020-06-19
Priority:	High	Due date:	
Assignee:	mkittler	% Done:	0%
Category:	Feature requests	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:			

Description

Observation

```
[19/06/2020 15:19:45] <DimStar> okurz: wasn't the idea of openQA:tested that this was actually tested? And that sort of would require it to at least build, no? :)
[19/06/2020 15:20:54] <okurz> DimStar: unfortunately not. I remember clearly that I opted for a different name "testing" or similar and IRC logs might prove that maybe you and others opted for "tested" :D
[19/06/2020 15:22:19] <DimStar> shame...
[19/06/2020 15:23:03] <okurz> however the name is of course no excuse for creating a SR when the build does not work. ... There was ticket for this somewhere around here ... *diggingintobacklog*
[19/06/2020 15:23:58] <okurz> DimStar: https://build.opensuse.org/request/show/815729 would fix that though :)
[19/06/2020 15:24:00] <|Anna|> sr#815729 [submit devel:languages:perl/perl-Mojolicious -> openSUSE:Factory/perl-Mojolicious] No description text (State: review) -- https://build.opensuse.org/request/show/815729
[19/06/2020 15:24:29] <DimStar> ok, then I merge those adis together
[19/06/2020 15:25:01] <DimStar> can you reopen openQA in this case (as I declined it as FTBFS)
[19/06/2020 15:25:07] <okurz> that would be great. Anyway, I will still plan to not create submit requests when the build fails
```

Acceptance criteria

- **AC1:** No submit requests are created when build in <https://build.opensuse.org/project/show/devel:openQA:tested> fails
- **AC2:** openQA packages are still submitted automatically to Factory on no errors

Suggestions

- Take a look into what <http://jenkins.qa.suse.de/view/openQA-in-openQA/> does
- Prevent that http://jenkins.qa.suse.de/view/openQA-in-openQA/job/submit-openQA-TW-to-oS_Fctry/ which uses <https://github.com/os-autoinst/scripts/blob/master/os-autoinst-obs-auto-submit> creates a submit request if the package (or any package in that repo?) is not succeeded, probably just add a waiting check for "all packages succeeded" after the line <https://github.com/os-autoinst/scripts/blob/master/os-autoinst-obs-auto-submit#L44>
- Consider as alternative doing the same in nother CI system, e.g. circleCI or github actions

History

#1 - 2020-07-28 11:27 - okurz

- Target version set to Ready

#2 - 2020-07-30 10:08 - okurz

- Description updated

#3 - 2020-08-04 10:23 - okurz

- Subject changed from prevent submission of failed packages from devel:openQA:tested to Factory to [packages] prevent submission of failed packages from devel:openQA:tested to Factory

#4 - 2020-10-12 09:10 - okurz

- Description updated

- Priority changed from Normal to High

Due to the broken perl-Mojolicious update we did multiple submit requests which all failed and were subsequently rightfully rejected. This "annoyed" DimStar at least enough to point this out to me :) So I think we can regard this with higher prio now considering that there are not many other high prio issues right now.

#5 - 2020-10-26 13:58 - mkittler

- Assignee set to mkittler

#6 - 2020-10-26 15:00 - mkittler

- Assignee deleted (mkittler)

#7 - 2020-10-26 16:43 - okurz

what happened, any particular reason which got in your way? :)

#8 - 2020-10-28 15:41 - mkittler

- Assignee set to mkittler

#9 - 2020-10-29 15:22 - okurz

so we had the chance to address this topic in the weekly meeting and I tried to explain a little bit more. More clarifications: You mentioned in the chat trigger-openqa_in_openqa. The <https://progress.opensuse.org/issues/68260#Suggestions> should already cover this: I think the relevant script is <https://github.com/os-autoinst/scripts/blob/master/os-autoinst-obs-auto-submit> . I even suggested a specific line. I might be wrong and you are very welcome to explain to me where this is wrong :)

#10 - 2020-10-29 16:09 - mkittler

Right, the suggestion actually specify the exact line number. Then I assume my PR <https://github.com/os-autoinst/scripts/pull/41> is wrong because it is done before the osc check-in.

probably just add a waiting check for "all packages succeeded"

So far I've tried osc results --repo openSUSE_Factory --failed "\$src_project" "\$package" to check whether the packages haven't failed. Should I put something like that in a loop or do you have anything specific in mind with "waiting check"?

#11 - 2020-10-29 18:51 - okurz

yeah either that osc call or just curl like in <https://gitlab.suse.de/openqa/osd-deployment/-/blob/master/gitlab-ci.yml#L58> to query for package results in this project. Probably I would look at all packages in a repo, not a specific package.

#12 - 2020-11-04 12:07 - okurz

PR merged. You can either wait for jenkins to pick up the new version and the pipeline is triggered or trigger it in jenkins explicitly.

#13 - 2020-11-04 16:28 - okurz

- Status changed from Workable to In Progress

#14 - 2020-11-08 20:24 - okurz

all jobs fail now with:

```
Can't locate object method "allow_dupkeys" via package "Cpanel::JSON::XS" at /usr/share/openqa/script/./lib/OpenQA/Command.pm line 26.
Compilation failed in require at /usr/lib/perl5/vendor_perl/5.26.1/Mojo/Base.pm line 134.
BEGIN failed--compilation aborted at /usr/share/openqa/script/./lib/OpenQA/CLI/api.pm line 17.
Compilation failed in require at (eval 19) line 1.
+ qcow=
```

e.g. see http://jenkins.qa.suse.de/view/openQA-in-openQA/job/trigger-openQA_in_openQA-TW/6264/console

#15 - 2020-11-12 10:17 - mkittler

- Status changed from In Progress to Resolved

I fixed the installation on the Jenkins host, it seems to work now:

```
+ find_latest_published_tumbleweed_image
```

```

++ curl https://openqa.opensuse.org/group_overview/1.json
++ jq -r '[.build_results[] | select(.tag.description=="published") | select(.version=="Tumbleweed") | .build]
| sort | reverse | .[0]'
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed

  0     0     0     0     0     0     0     0  ---:--:--  ---:--:--  ---:--:--    0
  0     0     0     0     0     0     0     0  ---:--:--  0:00:01  ---:--:--    0
100  8503  100  8503     0     0  5357     0  0:00:01  0:00:01  ---:--:--  5354
100  8503  100  8503     0     0  5354     0  0:00:01  0:00:01  ---:--:--  5354
+ latest_published_tw_build=20201110
+ [[ -n 20201110 ]]
++ /usr/share/openqa/script/openqa-cli api --host https://openqa.opensuse.org assets get
++ jq -r '[.assets[] | select(.name | test("Tumbleweed-x86_64-20201110-Tumbleweed@64bit.qcow"))] | .[0] | .name'
+ qcow=openuse-Tumbleweed-x86_64-20201110-Tumbleweed@64bit.qcow2
+ [[ -n openuse-Tumbleweed-x86_64-20201110-Tumbleweed@64bit.qcow2 ]]
+ '[' https://openqa.opensuse.org '!=' https://openqa.opensuse.org ']'
++ echo jenkins-trigger-openQA_in_openQA-TW-6333
++ sed -e s/jenkins-trigger-openQA_in_openQA-/:/ -e s/-/./g
+ build=:TW.6333
+ trigger
+ '[' openqa.opensuse.org = openqa.opensuse.org ']'
+ ARGS=OPENQA_HOST=http://openqa.opensuse.org
+ /usr/share/openqa/script/client --host https://openqa.opensuse.org isos post VERSION=Tumbleweed DISTRI=openQ
A FLAVOR=dev BUILD=:TW.6333 ARCH=x86_64 BACKEND=qemu WORKER_CLASS=qemu_x86_64 HDD_1=openuse-Tumbleweed-x86_64
-20201110-Tumbleweed@64bit.qcow2

```

#16 - 2020-11-12 11:11 - mkittler

- Status changed from Resolved to Feedback

My previous comment was actually for [#77008](#); but my change for that issue lead to the error you've mentioned here.

Not sure whether the submission of failed packages is already successfully prevented. At least it didn't break everything, e.g. http://jenkins.qa.suse.de/view/openQA-in-openQA/job/submit-openQA-TW-to-oS_Fctry/506/ was successful. However, it still doesn't work:

```

+ local 'osc_query=https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&package=os-autoinst'
+ local 'wip_states=(unknown|blocked|scheduled|dispatching|building|signing|finished)'
+ local 'bad_states=(failed|unresolvable|broken)'
+ local attempts=5
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&package=os-autoinst'
+ grep -e '\(unknown|blocked|scheduled|dispatching|building|signing|finished\)'
+ [[ 5 -le 0 ]]
+ echo 'Waiting for re-build of os-autoinst to be considered (attempts left: 5)'
Waiting for re-build of os-autoinst to be considered (attempts left: 5)
+ sleep 2
+ attempts=4
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&package=os-autoinst'
+ grep -e '\(unknown|blocked|scheduled|dispatching|building|signing|finished\)'
+ [[ 4 -le 0 ]]
+ echo 'Waiting for re-build of os-autoinst to be considered (attempts left: 4)'
Waiting for re-build of os-autoinst to be considered (attempts left: 4)
+ sleep 2
+ attempts=3
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&package=os-autoinst'
+ grep -e '\(unknown|blocked|scheduled|dispatching|building|signing|finished\)'
+ [[ 3 -le 0 ]]
+ echo 'Waiting for re-build of os-autoinst to be considered (attempts left: 3)'
Waiting for re-build of os-autoinst to be considered (attempts left: 3)
+ sleep 2
+ attempts=2
+ grep -e '\(unknown|blocked|scheduled|dispatching|building|signing|finished\)'
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&package=os-autoinst'
+ [[ 2 -le 0 ]]
+ echo 'Waiting for re-build of os-autoinst to be considered (attempts left: 2)'
Waiting for re-build of os-autoinst to be considered (attempts left: 2)
+ sleep 2
+ attempts=1
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&packa

```

```

ge=os-autoinst'
+ grep -e '\(unknown\|blocked\|scheduled\|dispatching\|building\|signing\|finished\)'
+ [[ 1 -le 0 ]]
+ echo 'Waiting for re-build of os-autoinst to be considered (attempts left: 1)'
Waiting for re-build of os-autoinst to be considered (attempts left: 1)
+ sleep 2
+ attempts=0
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&packa
ge=os-autoinst'
+ grep -e '\(unknown\|blocked\|scheduled\|dispatching\|building\|signing\|finished\)'
+ [[ 0 -le 0 ]]
+ echo 'warning: Re-build of os-autoinst has not been considered in time (or package has been re-built so fast
that we\'\'ve missed it)'
warning: Re-build of os-autoinst has not been considered in time (or package has been re-built so fast that we
've missed it)
+ break
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&packa
ge=os-autoinst'
+ grep -e '\(unknown\|blocked\|scheduled\|dispatching\|building\|signing\|finished\)'
+ curl -s 'https://api.opensuse.org/public/build/devel:openQA:tested/_result?repository=openSUSE:Factory&packa
ge=os-autoinst'
+ grep -e '\(failed\|unresolvable\|broken\)'
+ cmd=' osc sr'

```

The problem is that it passes openSUSE:Factory instead of openSUSE_Factory. The 10 seconds it gives OBS to change the package status are likely not enough as well.

#17 - 2020-11-17 10:00 - mkittler

It seems like the positive case works:

- http://jenkins.qa.suse.de/view/openQA-in-openQA/job/submit-openQA-TW-to-oS_Fctry/lastBuild/consoleFull
- <https://build.opensuse.org/request/show/848931>

#18 - 2020-11-17 13:50 - okurz

Given that commonly our packages do not fail to build when we submit them you can just assume it works. I already told Dimstar that we have that safety measure in place and he should yell at us if it does not work :D
You can set to "Resolved"

#19 - 2020-11-18 21:40 - okurz

- Status changed from Feedback to Resolved