

## openQA Project - action #95581

coordination # 39719 (Resolved): [saga][epic] Detection of "known failures" for stable tests, easy test results review and easy tracking of known issues

coordination # 19720 (Resolved): [epic] Simplify investigation of job failures

### ci: Use a git commit message style checker size:S

2021-07-16 11:45 - tinita

<b>Status:</b>	Resolved	<b>Start date:</b>	2021-07-16
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	VANASTASIADIS	<b>% Done:</b>	0%
<b>Category:</b>	Feature requests	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Ready		
<b>Difficulty:</b>			
<b>Description</b>			
<p>We don't check commit messages, and even when looking at them in a Github PR, we might miss things. For example when leaving out the blank line after the subject line, that's not visible in the Github UI. But it is problematic when viewing the git log in a one-line mode (e.g. with --oneline, or with a tool like tig). Then the whole message is shown, not just the subject.</p> <p>We could also check that the message starts with an uppercase letter, and optionally with something like t:, ci: etc.</p> <p>Possible candidates:</p> <ul style="list-style-type: none"><li>• <a href="https://github.com/marketplace/actions/check-commit-message">https://github.com/marketplace/actions/check-commit-message</a></li><li>• <a href="https://github.com/marketplace/actions/gs-commit-message-checker">https://github.com/marketplace/actions/gs-commit-message-checker</a></li></ul> <p>The last one seems better. My first try showed that it might not support everything that perl regexes support, e.g. \A did not work.</p> <p>An alternative would be to implement it ourselves in a perl script, to be CI agnostic and to be able to call the check locally as well.</p>			
<b>Acceptance Criteria</b>			
<ul style="list-style-type: none"><li>• <b>AC 1:</b> Run in OpenQA</li><li>• <b>AC 2:</b> A plan exists for the other repos</li></ul>			
<b>Related issues:</b>			
Related to openQA Project - action #97454: Decide and implement predefined ta...		<b>New</b>	<b>2021-08-24</b>
Copied to openQA Project - action #99066: ci: Use a git commit message style ...		<b>New</b>	

## History

### #1 - 2021-07-21 10:45 - tinita

- Status changed from New to Workable

- Target version changed from future to Ready

### #2 - 2021-07-21 10:53 - tinita

- Status changed from Workable to New

### #3 - 2021-07-21 10:59 - okurz

- Parent task set to #19720

This could be a good example of something that can be extended to other repos afterwards as well, e.g. os-autoinst-distri-opensuse, and such. As openQA can read the git log, e.g. for the "investigation" feature, having proper git commit messages makes sense and should be ensured.

### #4 - 2021-07-22 08:49 - ilausuch

- Subject changed from ci: Use a git commit message style checker to ci: Use a git commit message style checker size:S

**#5 - 2021-07-22 08:56 - ilausuch**

- Description updated

- Status changed from New to Workable

**#6 - 2021-08-04 17:44 - VANASTASIADIS**

- Assignee set to VANASTASIADIS

**#7 - 2021-08-05 17:23 - cdywan**

<https://github.com/os-autoinst/openQA/pull/4108>

**#8 - 2021-08-05 18:54 - VANASTASIADIS**

Open pr at <https://github.com/os-autoinst/openQA/pull/4108>.

Checks:

- commit subject must begin either with a capital letter (A-Z) or with a tag ([A-Za-z0-9]).
- commit subject must be no longer than 72 characters
- commit subject and commit body must be separated by at least one blank line
- each line in commit body must be no longer than 80 characters

**#9 - 2021-08-17 16:48 - tinita**

- Status changed from Workable to Resolved

The PR was already merged.

**#10 - 2021-08-17 16:50 - tinita**

- Status changed from Resolved to Workable

Oh wait, AC 2 is still missing.

**#11 - 2021-08-24 08:30 - VANASTASIADIS**

- Related to action #97454: Decide and implement predefined tags for the commit message checker added

**#12 - 2021-08-25 08:54 - okurz**

As next repos to add this to I suggest all repos within <https://github.com/os-autoinst/>

**#13 - 2021-08-25 08:54 - okurz**

- Status changed from Workable to In Progress

**#14 - 2021-08-26 07:28 - okurz**

you added to os-autoinst. Please reference the according PR. I suggest to follow

<https://github.com/os-autoinst/os-autoinst/pull/1751#issuecomment-905437822> and commit the changes to [github.com/os-autoinst/os-autoinst-common/](https://github.com/os-autoinst/os-autoinst-common/) to be reused in multiple repos.

**#15 - 2021-09-07 11:05 - cdywan**

[VANASTASIADIS](#) Is this still in progress?

**#16 - 2021-09-07 13:12 - VANASTASIADIS**

It remains to follow [okurz](#)'s advice in the last comment and this is ready to be resolved.

**#17 - 2021-09-07 16:12 - cdywan**

VANASTASIADIS wrote:

It remains to follow [okurz](#)'s advice in the last comment and this is ready to be resolved.

Can you please clarify what that means? Private chat doesn't count, we need it stated here and get the ticket resolved ;-)

**#18 - 2021-09-09 09:08 - cdywan**

As mentioned in chat, I [ran into a case](#) where the check failed because of commits that didn't originate in my branch i.e. - failed: "Merge pull request

#4153 from cfconrad/allow\_limit\_parameter\_for\_job\_overview. [tinita](#) suggested we can only check one, or all commits via [the action](#). I wonder, can't the upstream action be fixed if this is a limitation of the action?

**#19 - 2021-09-09 09:28 - tinita**

I think next time this happens we should try to find out why the action included those commits.

**#20 - 2021-09-10 10:05 - VANASTASIADIS**

- Due date set to 2021-09-24

- Status changed from In Progress to Feedback

Leaving this ticket open to investigate possible errors in checking older commit messages. Setting the due-date accordingly.

**#21 - 2021-09-13 08:32 - cdywan**

Hit it again: failed: "Merge pull request #4187 from os-autoinst/pitfalls\_add\_common\_error\_message, see <https://github.com/kalikiana/openQA/runs/3569165279>

**#22 - 2021-09-20 08:35 - cdywan**

Open PR still needs to be merged: <https://github.com/os-autoinst/os-autoinst-common/pull/12>

It's not clear if AC2 is fulfilled, though. Do we have a plan for other repos?

**#23 - 2021-09-20 09:26 - okurz**

merged <https://github.com/os-autoinst/os-autoinst-common/pull/12> . I agree that AC2 is still not fixed.

**#24 - 2021-09-21 10:33 - VANASTASIADIS**

I'm not sure I clearly understand AC2. Enabling this in other repos is as simple as copying the workflow file to the .github/workflows dir of that repo. The file now exists in common (but since it's a subrepo, it will have to be manually copied to each project's workflow dir).

Should I bump the due date a few days and try to figure out a more straightforward way, or resolve it?

**#25 - 2021-09-22 13:42 - okurz**

- Copied to action #99066: ci: Use a git commit message style checker in more repos added

**#26 - 2021-09-22 14:02 - okurz**

- Status changed from Feedback to Resolved

I created [#99066](#) which effectively is what we need to cover AC2 so no need to continue further here, resolving. Thanks!

**#27 - 2021-11-09 14:11 - okurz**

- Due date deleted (2021-09-24)