

## openQA Project - action #109920

coordination # 102915 (New): [saga][epic] Automated classification of failures

coordination # 94105 (Blocked): [epic] Use feedback from openqa-investigate to automatically inform on github pull requests, open tickets, weed out automatically failed tests

### Identify reproducible product issues using openqa-investigate size:M

2022-04-13 10:12 - okurz

<b>Status:</b>	Workable	<b>Start date:</b>	2022-04-13
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<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>			
<b>Motivation</b>			
<p>See parent <a href="#">#94105</a> where we identified multiple users stories regarding creating tickets or identifying direct or indirect users of openQA based on openqa-investigate results. As a next step we could try to identify product issues from openqa-investigate results, in particular the step "S3: retry X, last_good_test X, last_good_build V, last_good_test+build V -&gt; reproducible product issue =&gt; if QAM test write comment on IBS/OBS or smelt, for non-QAM report product bug" from <a href="https://progress.opensuse.org/issues/94105#Suggestions">https://progress.opensuse.org/issues/94105#Suggestions</a></p>			
<b>Acceptance criteria</b>			
<ul style="list-style-type: none"><li>• <b>AC1:</b> On failed openQA jobs with openqa-investigate info "retry X, last_good_test X, last_good_build V, last_good_test+build V" (X: failed, V: passed) a comment is written pointing to a likely product regression</li><li>• <b>AC2:</b> No such comment is written on other jobs</li></ul>			
<b>Suggestions</b>			
<ul style="list-style-type: none"><li>• Take a look how we identify likely sporadic issues as a result of the "retry" job in <a href="https://github.com/os-autoinst/scripts/blob/master/openqa-investigate#L136">https://github.com/os-autoinst/scripts/blob/master/openqa-investigate#L136</a></li><li>• Then using <a href="#">#110176</a> try to fan-in on the results of multiple investigation jobs to find the jobs with the combination "retry X, last_good_test X, last_good_build V, last_good_test+build V" (X: failed, V: passed). The challenge is that job done hooks are called on a single job so one would need to identify other sibling investigation jobs. And any other job can finish sooner than the others. Maybe we just call this investigation step on the "last_good_test" and if other jobs are not finished by then, then trigger another incarnation of the same minion job with a delay (exponential back-off?). Communicate by exit code? This would also avoid the need to run job_done_hooks on passed jobs.</li><li>• <a href="https://github.com/os-autoinst/scripts/pull/170">https://github.com/os-autoinst/scripts/pull/170</a> might give good ideas how to find "related test results" and read them out</li><li>• Extend existing unit tests</li><li>• Then add an openQA comment stating the observation about a likely product regression</li><li>• Note: The bash script openqa-investigate itself must not know anything about "openQA minion jobs" or schedule any</li></ul>			
<b>Related issues:</b>			
Copied to QA - action #110176: [spike solution] [timeboxed:10h] Restart hook ...		<b>Resolved</b>	<b>2022-06-15</b>

### History

#1 - 2022-04-13 10:24 - okurz

- Description updated

#2 - 2022-04-21 10:37 - mkittler

- Copied to action #110176: [spike solution] [timeboxed:10h] Restart hook script in delayed minion job based on exit code size:M added

#3 - 2022-04-21 12:13 - okurz

- Description updated

- Status changed from New to Blocked

- Assignee set to okurz

[#110176](#)

**#4 - 2022-06-23 15:04 - okurz**

- Status changed from Blocked to New
- Assignee deleted (okurz)

**#5 - 2022-07-07 10:18 - cdywan**

- Description updated

**#6 - 2022-07-07 12:34 - okurz**

- Subject changed from Identify reproducible product issues using openqa-investigate to Identify reproducible product issues using openqa-investigate size:M
- Description updated
- Status changed from New to Blocked
- Assignee set to okurz

[#95783](#)

**#7 - 2022-08-12 10:22 - okurz**

- Status changed from Blocked to Workable
- Assignee deleted (okurz)

[#95783](#) resolved, work can continue

**#8 - 2022-08-12 10:44 - okurz**

- Project changed from QA to openQA Project

**#9 - 2022-08-12 10:44 - okurz**

- Category set to Feature requests