

openQA Project - action #10148

better notification and user feedback

2016-01-07 22:38 - okurz

Status: Resolved	Start date: 2015-11-13
Priority: Normal	Due date:
Assignee:	% Done: 100%
Category: Feature requests	Estimated time: 0.00 hour
Target version:	
Difficulty:	
Description	
various ideas	
<ul style="list-style-type: none">• Use something like https://github.com/bmwiedemann/obsbugzilla to interface with bugzilla and report on updates in product bugs -> #27844• IRC bot with updates about test runs, e.g. if builds are finished -> #27847• email notification -> #10672• RSS feeds• better feedback depending on observer roles• tags and comments on anything,<ul style="list-style-type: none">◦ DONE: a tag "I will take care of this" for failing tests -> #10212◦ DONE: references to reported bugs in failing tests -> #10212◦ connections to OBS, e.g. SRs	
further notes and references	
<ul style="list-style-type: none">• some ideas about obs and openqa notifications: https://etherpad.nue.suse.com/p/obs_and_openqa	
Subtasks:	
action # 9544: Build Tagging	Resolved
action # 10212: labels and badges for builds	Resolved
action # 10188: [tools][dashboard]Tracking open bugs based on product	Resolved
action # 10622: Make comments editable	Resolved
action # 10632: comment edit window should be shown on top of comments	Rejected
action # 10672: notifications about new review comments available	Resolved
action # 15086: AMQP Message Plugin	Resolved
action # 15902: amqp host for o.o	Resolved
action # 27841: Improve documentation and usage examples of AMQP plugin	Rejected
action # 27844: backlink from openQA bug tracking to bugzilla	Rejected
action # 27847: IRC bot with updates about test runs, e.g. if builds are finished	Resolved
Related issues:	
Related to openQA Project - action #7476: Support comments in tests	Resolved 2015-05-12
Related to openQA Project - coordination #13812: [epic][dashboard] openQA Das...	New 2017-01-10

History

#1 - 2016-01-08 21:12 - okurz

- Description updated

#2 - 2016-01-09 14:20 - oholecek

Wrt notifications: during [hackweek](#) I created very primitive prototype of [fedmsg](#) plugin for openQA. I plan to revive it later (use actual [Omq perl bindings](#), add support to receive notifications, ...) and also write something similar for OBS.

Fedmsg already provides tools like IRC bot, mailer daemon, archiving, ... for same or similar use case we have - in my hackweek setup I tested openQA->IRC notifications. It's in python, based on Omq.

#3 - 2016-01-13 10:46 - RBrownSUSE

- Priority changed from Normal to High

Upgrading Prio to high, specifically for the requirement of providing faster feedback to specific developers related to tests

#4 - 2016-01-17 11:45 - okurz

- Related to action #7476: Support comments in tests added

#5 - 2016-01-17 12:33 - okurz

oholecek wrote:

Wrt notifications: during [hackweek](#) I created very primitive prototype of [fedmsg](#) plugin for openQA. I plan to revive it later (use actual [Omq_perl bindings](#), add support to receive notifications, ...)

I looked at it and it looks awesome to me. IMHO we might still add some very simple notification as a short term solution and in mid term we should use something as you proposed based on proper infrastructure.

short term suggestions:

- maybe not even built into openQA but by an external tool, e.g. an IRC bot in its own room? This way people can more easily decide for themselves if they want to get notifications or not
- provide a way to register plugins in files within openqa webapi like you did in <https://github.com/aaanz/openQA/commit/31e30cc635afff6a1814739fbb03727d2ebb73d1> but do something like scan a directory for files of a certain name convention and load all these. This way we can provide very SUSE specific notification plugins (easy to hack) while keeping upstream openQA clean

#6 - 2016-02-02 08:43 - okurz

about email notification, this could be interesting: <http://search.cpan.org/~sharifun/Mojolicious-Plugin-Mail-1.5/lib/Mojolicious/Plugin/Mail.pm>

#7 - 2016-03-04 16:31 - okurz

Further ideas from [#10212](#) that were not covered in the feature so far:

- Add specific labels to each test result as proposed by RBrownSUSE, e.g. for STATUS (broken: [flash](#), passing and correct (false negative): [checked](#), failing and correct: [ban](#))
- Add a persistent label feature to each test scenario, i.e. add edit field on each test run but preserve it over runs
- Use [tags](#) for multiple instances of a single tag
- comment carry over:
 - *failed->passed*: emit event and/or hook to inform that an issue got fixed -> potential candidate for resolving/verifying a bug
 - *failed->failed*: be careful not to miss new issues, e.g. when test "degrades"
 - *extension* to check for "improved"/"degraded", e.g. less successful modules executed
 - a simple carry over approach could be: as soon as job is finished, i.e. results are entered into the database, IF job is NOT passed, the previous jobs of same scenario are parsed, IF any comments found (including label, bug, etc.) THEN IF bug OR label, copy to current job

#8 - 2016-09-08 09:39 - dheidler

It might be worth to consider implementing browser triggered desktop notifications.

#10 - 2016-09-19 20:58 - okurz

- Related to coordination #13812: [\[epic\]\[dashboard\] openQA Dashboard ideas added](#)

#11 - 2016-12-22 13:48 - dheidler

This tool fetches AMQP events, converts them into text and posts them on irc:
https://github.com/asdil12/suse_msg

#12 - 2017-01-10 16:46 - okurz

- Description updated

#13 - 2017-01-10 16:46 - okurz

- Status changed from New to In Progress

#14 - 2017-05-02 12:18 - coolo

- Target version deleted (future)

#15 - 2017-09-20 07:45 - okurz

With a big chunk of work done in [#12092](#) to show the status of the current bugs on osd we progressed a lot. Considering that there has not been any movement in this ticket for the past 5 months we could be honest to ourselves and update the prio to normal *but* the prio is not adjustable, maybe

because a subticket is also high? Nevermind.

#16 - 2017-11-17 10:30 - coolo

- *Status changed from In Progress to Resolved*

IMO this epic is done - for specific enhancements, file specific tickets

#17 - 2017-11-17 12:06 - okurz

- *Description updated*

Ok, I opened three new subtickets and therefore reopen the epic. About the "connections to OBS, e.g. SRs" I don't know what could be done here. Maybe we don't need anything there and just rely on "bug tracking" which could implicitly lead to parsing OBS SRs but that should be done by external scripts which at best are *triggered* by openQA events

#18 - 2017-11-17 12:06 - okurz

- *Status changed from Resolved to In Progress*

see [#10148#note-17](#)

#19 - 2017-11-17 14:28 - coolo

- *Status changed from In Progress to Resolved*

It can always be better - but I don't need a High priority issue polluting the backlog just because there are some minor improvements possible.