openQA Tests - action #46589
[qe-core][functional] Create separate git project for common GNU/Linux functionality
2019-01-24 08:36 - SLindoMansilla

**Status:** New

**Priority:** Low

**Assignee:**

**Category:** Spike/Research

**Target version:** Milestone 33

**Difficulty:** easy

**Start date:** 2019-01-24

**Due date:**

**% Done:** 0%

**Estimated time:** 0.00 hour

### Description

### Motivation

At the moment we are maintaining a subfolder /lib in [https://github.com/os-autoinst/os-autoinst-distri-opensuse/tree/master/lib](https://github.com/os-autoinst/os-autoinst-distri-opensuse/tree/master/lib). We are reusing it for every product/project inside (Tumbleweed, Leap, Kubic, CaaSP, SLE, etc.)

We have a separate git project to test openQA in openQA which would benefit or reusing those libraries -> [https://github.com/os-autoinst/os-autoinst-distri-openQA](https://github.com/os-autoinst/os-autoinst-distri-openQA)

There are third parties that at the moment need to download the whole [os-autoinst-distri-opensuse](https://github.com/os-autoinst/os-autoinst-distri-opensuse) to reuse those libraries for their projects.

### Further information

Open to discussion. Please, add you ideas in comments below.

### History

#### #1 - 2019-01-24 08:39 - SLindoMansilla

Some proposals:

- Creating a project [os-autoinst-utils-opensuse](https://github.com/os-autoinst/os-autoinst-distri-opensuse/tree/master/lib) that contains all the common functionality (for example, everything within /lib).
- Creating a project [os-autoinst-utils-gnulinux](https://github.com/os-autoinst/os-autoinst-distri-opensuse/tree/master/lib) that contains all the common functionality, but in a more general way so it can be reused by any GNU/Linux distribution.
- Having those modules as git sub modules of [os-autoinst-distri-opensuse](https://github.com/os-autoinst/os-autoinst-distri-opensuse).

#### #2 - 2019-01-24 09:19 - mkravec

Bad idea from my POV. This will means 3 PRs (tests/needles/lib).

With this reasoning we can also separate /data subfolder when someone need only those files. Would make it easier for single person and harder for everybody else.

Why is openqa-in-openqa separate git project, not just separate test scenario (in os-autoinst-distri-opensuse)?

#### #3 - 2019-01-24 09:41 - okurz

mkravec wrote:

> Why is openqa-in-openqa separate git project, not just separate test scenario (in os-autoinst-distri-opensuse)?

Well, one reason is so that it exactly motivates this ticket, actually :) There are more test distributions which we are hardly or not aware of, e.g. [https://pagure.io/fedora-qa/os-autoinst-distri-fedora](https://pagure.io/fedora-qa/os-autoinst-distri-fedora), and it would be great if we can share more with them as well. So merging [os-autoinst-distri-openQA](https://github.com/os-autoinst/os-autoinst-distri-openQA) into [os-autoinst-distri-opensuse](https://github.com/os-autoinst/os-autoinst-distri-opensuse) is one option but it will not solve the overall, more general change.

#### #5 - 2019-01-25 13:37 - rpalethorpe

Just vendor (copy and paste) the libs you want. In a project this size and complexity you generally want to avoid creating dependencies because it is more work to maintain them and play nice with others than to reimplement the specific features we need.

If you want to be nice to third parties, then sure, fork our test code and turn it into a lib or a linux distri template. If third parties add useful stuff to it then we can cherry pick it back into our distri.
#6 - 2019-02-19 15:48 - okurz
- Target version set to Milestone 26

#7 - 2019-08-20 09:39 - mgriessmeier
- Target version changed from Milestone 26 to Milestone 30+
  to be revisited later

#8 - 2020-01-03 10:56 - mgriessmeier
- Target version changed from Milestone 30+ to Milestone 33

#9 - 2020-11-06 10:33 - tjyrinki_suse
- Subject changed from [functional][u] Create separate git project for common GNU/Linux functionality to [qe-core][functional] Create separate git project for common GNU/Linux functionality