## Tails - Bug #15953

### Make our test suite survive changes in the surrounding environment

09/14/2018 07:59 AM - intrigeri

<table>
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<th>Start date:</th>
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### Description

This is a placeholder ticket to track what's part of the 2019-2020 roadmap on this front.

We don't know yet what we'll have to do among:

- just fix the Sikuli situation
- replace Sikuli but keep everything else
- switch frameworks entirely (OpenQA?)

We'll know better around January after we make more progress on [15460](#).

### Related issues:

- Related to Tails - Bug #17031: Test suite's otr-bot.py has obsolete dependencies
- Related to Tails - Bug #17457: Add Buster support to the automated test suite
- Blocked by Tails - Feature #14585: Investigate Dogtail's long-term viability
- Blocked by Tails - Feature #12185: Update Debian package to run Dogtail using...
- Blocked by Tails - Bug #15460: Test suite broken with Java 9+ so we need to r...
- Blocks Tails - Feature #16209: Core work: Foundations Team
- Blocked by Tails - Bug #16976: Run Dogtail using Python 3

### History

#### #1 - 09/14/2018 08:00 AM - intrigeri
- Blocked by Feature #14585: Investigate Dogtail's long-term viability added

#### #2 - 09/14/2018 08:00 AM - intrigeri
- Blocked by Feature #12185: Update Debian package to run Dogtail using Python 3 added

#### #3 - 09/14/2018 08:00 AM - intrigeri
- Blocks Bug #15460: Test suite broken with Java 9+ so we need to replace Sikuli added

#### #4 - 09/14/2018 08:00 AM - intrigeri
- Blocks deleted (Bug #15460: Test suite broken with Java 9+ so we need to replace Sikuli)

#### #5 - 09/14/2018 08:00 AM - intrigeri
- Blocked by Bug #15460: Test suite broken with Java 9+ so we need to replace Sikuli added

#### #6 - 09/14/2018 08:32 AM - intrigeri
- Blocked by Feature #15870: Evaluate OpenQA added

#### #7 - 09/14/2018 08:35 AM - intrigeri
intrigeri wrote:

- replace Sikuli but keep everything else

It's worth noting that we don't use much of Sikuli. As long as we have an image matching primitive that returns the coordinates of the match, implementing the various find(), wait() etc we need is pretty easy. And something like xdotool (preferably something that will work in Wayland... if that is even possible?) can do the rest (mouse and keyboard interaction).

Right. I've added this info to the description of #15460, which tracks the Sikuli-related problem.

We will reevaluate if we have more data from #15460.

intrigeri
- Related to Bug #17457: Add Buster support to the automated test suite added

#16 - 04/16/2020 08:59 AM - intrigeri
- Blocked by deleted (Feature #15870: Evaluate OpenQA)

#17 - 04/16/2020 09:01 AM - intrigeri
- Status changed from Confirmed to Resolved

I'm satisfied that we're done here.