

Tussentijds opvolgingsformulier Bachelorproef 2017-2018

Bachelorproef: Utilize Docker container and Selenium Grid technology to improve resource efficiency in the runtime of a Software Deployment & Testing Framework (SDTF).

Bedrijf: VASCO Data Security

Student: Arno Willaert

Promotor: Phaedra Degreef

Bedrijfspromotor: Christopher Forbes

Opleiding: Electronica-ICT: netwerken systemen en security

Periode (weeknr. volgens agenda): 5

Gerealiseerd vorige week:

Monday:

- Further recover from the power outage, documenting all the things I missed the first time around
- In the end I got where I was Friday, but there was some error with the account validation to connect to the vCloud.

Tuesday:

- The issue with vCloud persisted in the morning, so I did some reading on how to write my thesis
- When the issue was resolved, I confirmed I got where I was last week, and could get started on analyzing why the testing stalled at a certain point.
- The automated tests stopped because the ID's used in the web app don't match those in my code, because up until this point I was working with outdated code.
 - Proposed solution: pull the master branch into my branch (linux-sdtf-port)
- To prepare for this I committed the changes I made to my branch

Wednesday:

- Pulled the master branch into the linux-sdtf-port branch
- Resolved merge conflicts
- Created a new container image containing the new code.
- There were multiple issues with the install script due to the merge (some of these were discovered and fixed on Thursday)
 - Jenkins failed to install due to a version mismatch
 - There was a sudo somewhere where there shouldn't be one (due to the minimal install)
 - Multiple small hang-ups causing the sdtf install to fail, thanks to a not so perfect job of manually resolving some merge conflicts

Thursday:

- Further resolved the issues with the merged code
- Ran into code that depended on a windows api (win32api).
 - I just moved that line inside of an if statement that normally doesn't get entered. (this is only a temporary fix)

Friday:

- Fixed an issue with another windows specific call
- First time to successfully run the webadmin test suite against a chrome browser!
- Test if it also works if run against a firefox browser
 - It doesn't

Doelstellingen voor de volgende week:

- Update my planning file
 - Maybe make a Gantt chart
- Get started on my "tussentijdse presentatie" due Tuesday 27th
- Make the webadmin run against a firefox browser
- Create an image where the webadmin tests function out of the box against both firefox and chrome.
- Look into making my setup less prone to failures like power outages.

Opmerkingen bedrijfspromotor:



Opmerkingen hogeschoolpromotor: