Software process & tools 2016

Major assessment part 2

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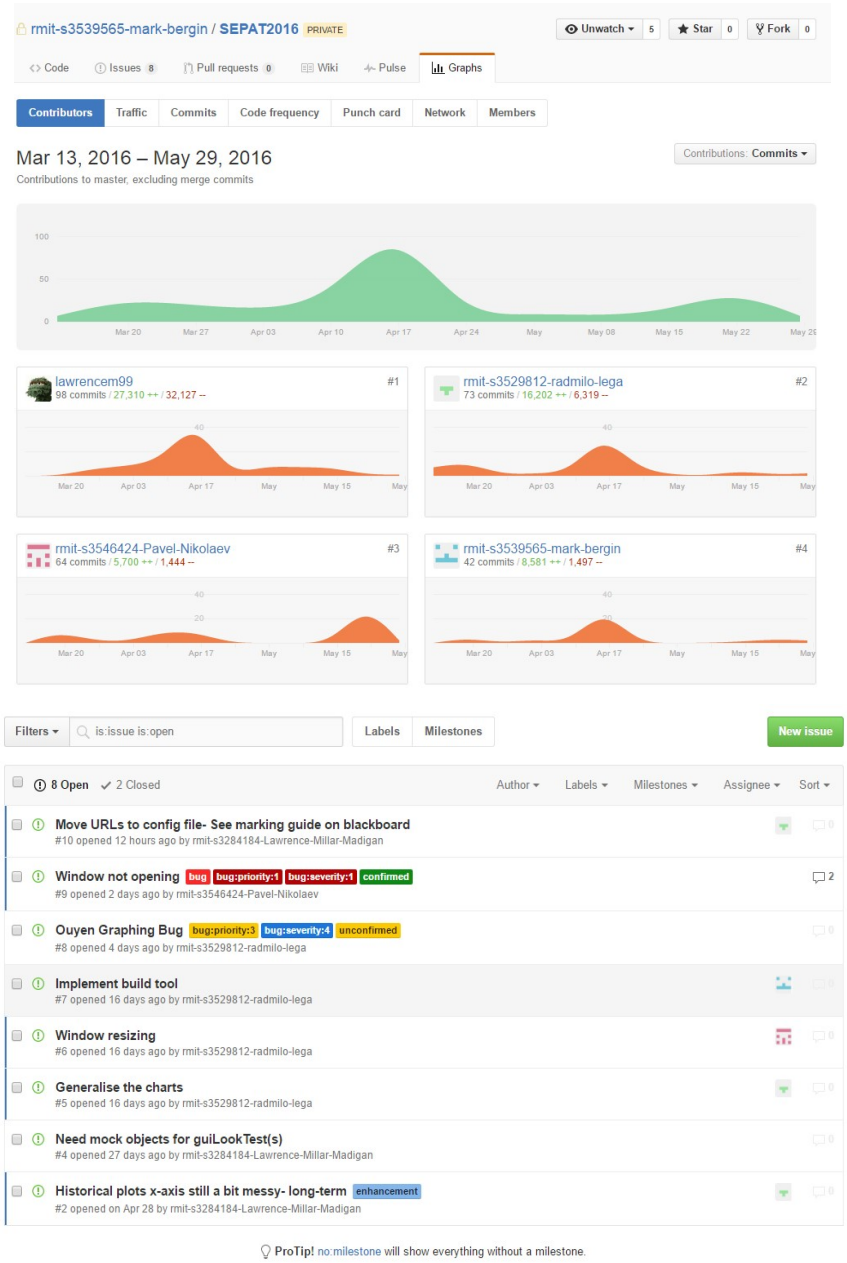
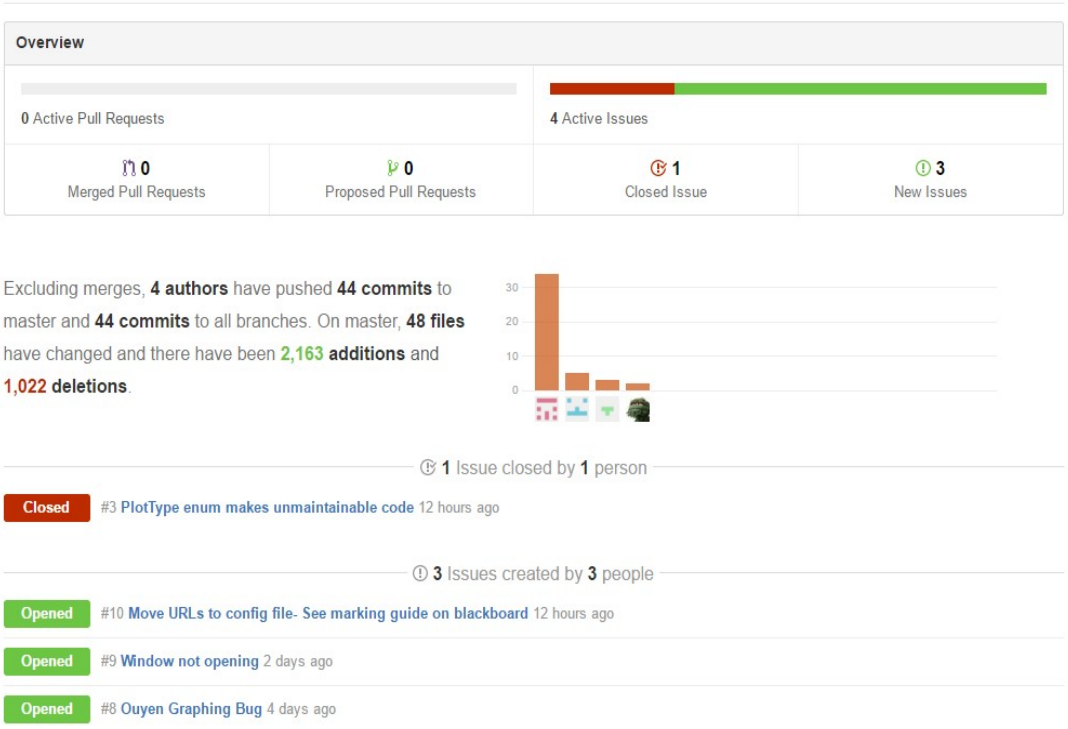
Collaboration Tool Log

GitHub: We used GitHub as our main version control system for the entirety of their project. Near the end another repository was created that had was linked to the Jenkins continuous integration tool. This was due to the fact the GitHub repository is private not giving Jenkins access permissions. Thus in the end we were pushing simultaneously to 2 repositories. We extensively used the GitHub Issue tracker.

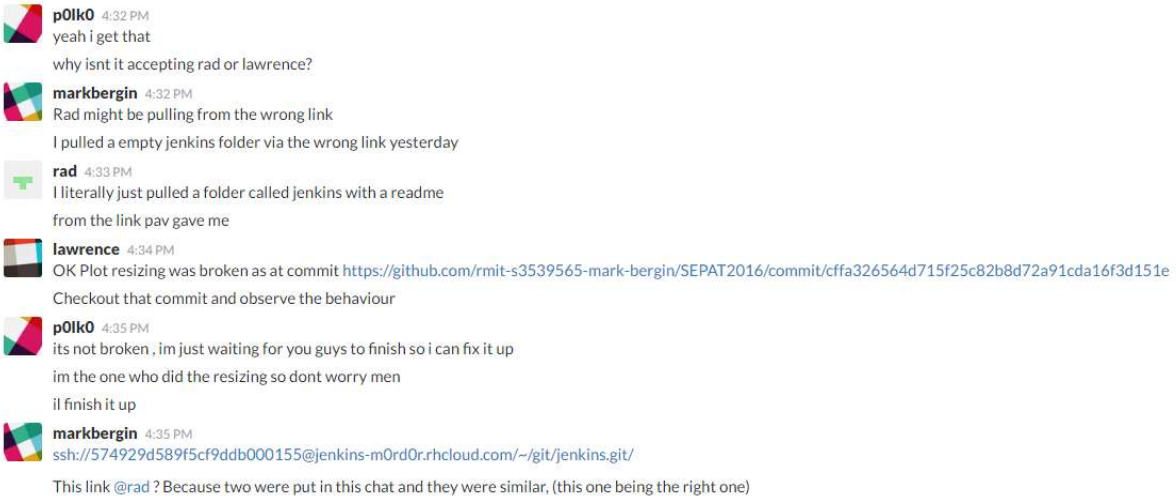
Amir Homayoon Ashrafzadeh (our groups assigned tutor) Is part of our GitHub, Trello board and Slack.

Our GitHub repository: **https://github.com/rmit-s3539565-mark-bergin/SEPAT2016**

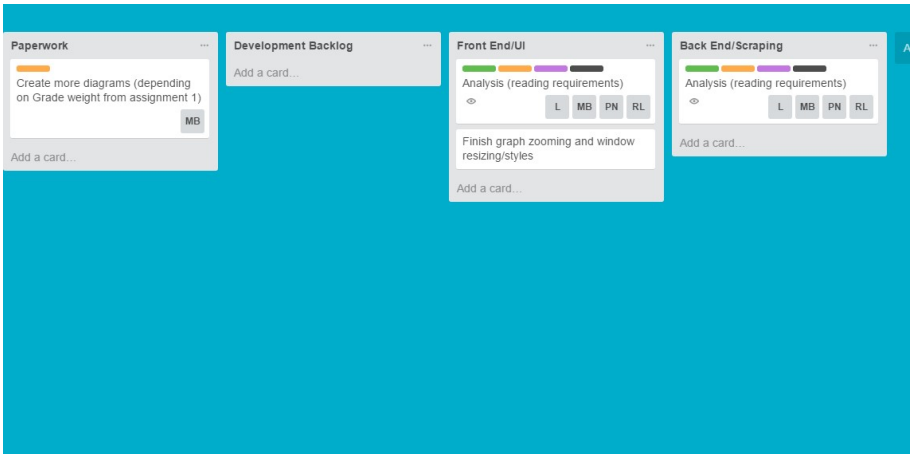




Slack: Slack was used as our main communication tool for this project.



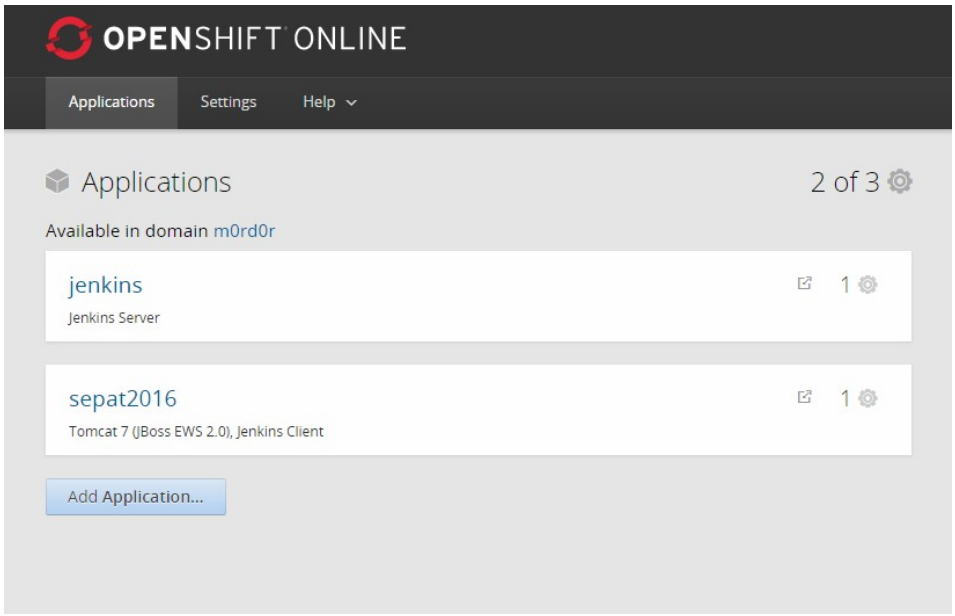
Trello was used as our project planning tool:

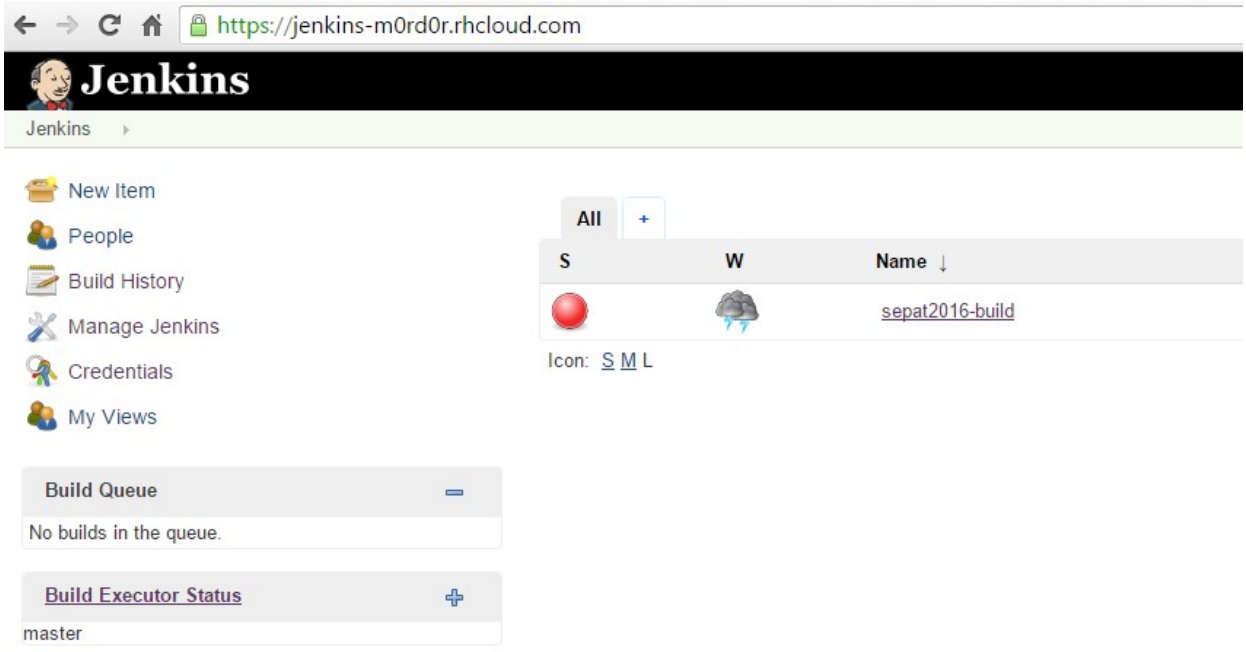


We also used a Jenkins server from Open Shift: https://jenkins-m0rd0r.rhcloud.com/

Login details for this server :

- Username: admin
- Password: sepat2016Password





Report on Jenkins experiment:

After hours of troubleshooting, configuring and attempts to get a successful build on the Jenkins server, we had no success on successful builds.

The server wouldn't allow us to install JDK 8 onto the system, and all attempts to bypass that method were futile. As the following log report shows:

After attempting to install the JDK-8u51 Permission was denied as we couldn't write to the system.

Further on down the log you can see an export of the GRADLE_HOME to PATH including a java_jdk_1.7 which is outdated and unworkable with our solution.

However we were able to set up Jenkins, appropriately access and attempt to build from a git repository on an open-shift cloud server, and provided all the configurations that should have worked, given that the appropriate jdk was installed.

Overall giving us allot of experience working with a difficult and restricting environment.