



Weekly status report Week 3

Intern Name: Eduardo Vidal

Project: Static code quality control audit

Report Period: 24/07/2017 – 28/07/2017

Project Advisor: Luís Lopes

Work done:

- Configured GitLab, Jenkins and Docker on the test server to begin some integration tests;
- Researched on a technology called 'Spring' to develop both back and front-end. See 'Research done';
- Started developing a web app using Spring to serve as a front-end to give control over the server.

Work not done:

- The back-end is still to be built and tested;

Work to be done next week:

- Populate the front-end as needed while developing the back-end;
- Develop the back-end of the server;
- Define standards for configuration files and dependencies to be used in the final build;

Research done:

- Spring MVC – is a JVM based framework that integrates Java with Tomcat to provide an easy integration between a web front-end and a Java back-end.

Observations:

- Despite having Spring to control the server side on a web-browser, we still need some kind of client-side control to be able to simplify the integration with Git. Client-side commands must be issued, and since Spring is a server-side platform a client app should be developed to seamlessly integrate both the client and the server in the same place. More research will be done on this subject during the next week.