

Wiktor W Brodlo (s0927919) – SDP Performance Review 3

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I have finished the simulator I was working on and published a document explaining how to use the simulator. I have set up the Jenkins continuous integration system. I have also contributed to the integration plan and the angle system.

Strong points

- I have finished the simulator. It might need some tweaking but all the opcodes are implemented and the communication (both way) works. The team is in the process of implementing new arcs and I will implement them as soon as the code is ready.
- I have contributed to the integration plan and suggested a uniform angle system (as the various subsystems used different angle systems and simply converted between each other; this lead to various problems). The strong point of my angle system was compatibility with `java.Math` functions. The team decided against using my system after all, in favour of a slightly different system, accompanied by a converter function for `java.Math`.
- I have set up Jenkins, a continuous integration system to constantly, automatically build and test our codebase, and report the results to the group email. There has been an issue when, after pushing in a commit that caused the tree to fail to build, Jenkins would keep sending emails that the build failed. By the time I have noticed that, Jenkins has sent around 120 emails to the group. I have reconfigured Jenkins to only send an email once the status of the repository changes (i.e. if it fails to build, it becomes “broken”, and an email is sent, and another email is only sent after it builds fine, in which case the status becomes “stable”, there is also a status called “unstable” which is assigned if the code builds but fails automated tests).

Weak points

- Due to some health problems I have been unable to contribute as much as I wanted or could have.
- Better organisation of my time would have allowed me to take a break without adversely affecting my output.
- Better communication with the team could have saved some friction between me and the team.

I believe I have only earned 3 points this time as, despite having a legitimate reason, the team would have done better if I was available.

I nominate David Fraser to receive 9 points as he has worked very hard managing keeping our team together.