

CprE/SE 492 May1620 Weekly Report 7

A Sociotechnical Solution to Large-Scale Formal Specification Mining

Reporting period: February 18 - February 25

Advisor / Client: Professor Rajan (ComS)

Members: Cody Hanika (Team Leader, Communication Leader),
Alex Dana (Web Master/Concept Holder)

Weekly Summary:

- Client-Advisor Meeting (Met with Hoan only)
 - Discussed the future for our work on anyCode. There are files that seem to be completely missing from the anyCode github repo which would make the project unusable. We may be able to get these files from the original creator of the project or his colleagues.
 - Rajan would like a list of the missing files
 - Discussed the current progress with the Stanford NLP. Cody is making good progress at having the framework discern which words are important to us.
- Posted another question to Stack Overflow
 - This question was from the Apache Commons. There were no answers or upvotes/downvotes.
- Wrote an example that finds the dependencies of words that represent the object that is being returned in a sentence that represents the return statement of a method

Goals for Next Week:

- Continue making posts to Stack Overflow from the Apache Commons library.
- Create a hard coded example that parses a sentence that could represent a boolean expression.
- Possibly research NLTK and its viability for our project.

<u>Team Member</u>	<u>Hours Spent</u>
Cody Hanika	7
Alex Dana	5