

## CprE/SE 492 May1620 Weekly Report 8

### A Sociotechnical Solution to Large-Scale Formal Specification Mining

Reporting period: February 25 - March 6

Advisor / Client: Professor Rajan (ComS)

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

### Weekly Summary:

- No Client-Advisor Meeting
- Documented missing files from anyCode in hopes of being directed to them
- Initial research into NLTK. It seems like it may be useful depending on the progress Cody is able to make.
- Created an example that converts a sentence into a boolean expression. The code knows the sentence it will be parsing so it is able to easily do it, but it is a start.

### Goals for Next Week:

- Make another post on SO from the Apache Commons
- Demonstrate the current usability of anyCode
- Possibly try and put together a small demo of NLTK
- Look at techniques for generalizing sentence parsing for boolean expressions

<u>Team Member</u>	<u>Hours Spent</u>
Cody Hanika	4
Alex Dana	5