

## CprE/SE 492 May1620 Weekly Report 12

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

Reporting period: March 27 - April 2

Advisor / Client: Professor Rajan (ComS)

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

#### Weekly Summary:

- Client-Advisor Meeting
- Got the parameter replacement working however it likely won't be needed
- Started utilizing tokensregex which is a part of the SNLP which seems to allow us to create our own rules with relative ease.
  - Created some base examples for a proof of concept involving the Math package, basic comparisons of parameters and integers, and comparing numbers to null

#### Goals for Next Week:

- Continue using tokensregex to see how generalized we are able to get our rules
- Possibly try and use these rules to create specs for some java util methods (or whatever may be the most widely used package)

<u>Team Member</u>	<u>Hours Spent</u>
Cody Hanika	7
Alex Dana	6