Senior Design Bi-Weekly Status Report

Team: sdmay21-35
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Team Members:
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      Austin Boling - Meeting Facilitator
      Joseph Naberhaus - Project Lead
      Ekene Okeke - Report Coordinator
      Ethan Ruchotzke - Documentation Manager
      James Taylor - Linguistics SME

Project: POS Tagger for Software Documentation
Report Period: Oct 2 - Oct 16

Summary of Progress in this Period

This period saw the project move into a documentation gathering segment and concluded with movement into training and scraped data parsing. The next period will see both of these topics covered in much more detail.

- Construction of a training format for NLP tagging.
- Scraping of websites for training data
- Automatic code tagging.
- Javadoc HTML parsing into useful information.
  - Javadoc HTML documents can be translated into plaintext data for training a description parser.
  - Code tags can be included (optionally) in the resulting plaintext.

Pending Issues

There are several issues currently pending to be covered in the next period of the project.

1. Finish javadoc HTML parser
   a. Add additional functionality to the javadoc parser
      i. Inclusion of the method, field, and constructor detail segments.
      ii. Ability to translate a set of javadoc into useful data from the index file.

Plans for upcoming Reporting Period

Our plans for this upcoming reporting period **(Oct 16 - Oct 30)** are broken down as follows:

Who	What	Due When
All	Create more code PoS tags or modify existing ones	Ongoing
All	Clean up tagged software documentation and manually tag code in documentation	Ongoing
All	Start building a set of tagged software	Ongoing
All	Update Trello	ASAP
Austin, James	Cyclic dependency network research	Oct 30
Ethan, James	Scraping and building a dataset	Ongoing