Week 1 - Juhani Imberg

What did I learn this week?

- How to use HeaderDoc for documentation
- How to use GitHubs webhooks for generating an event for my server to automatically generate the HeaderDoc HTML output
- How to use CTest and check for testing
- How to use gcov and lcov for testing line coverage
- How to use coveralls.io to track line coverage statistics

Unresolved things

- How to have coveralls.io/lcov count the untested files towards the untested lines instead of ignoring them
- How to write clean object-oriented C with generics

How is the program progressing

- Implemented the vector and hashtable data structures
- Created a tokenizer (takes text and creates tokens out of it)
- Created the base parser (takes tokens and creates an abstract sytax tree from them)
- Tests and documentation for my own data structures

What will I do next

- Create sub-parsers for each node type
- Create nodes (these hold the values and content in the environment)
- Create environment (the context in which the program is executed)