Team Page

Chris Whitten

I started off working on mlwpar\_next\_token() working on the special character such as comments and string literals, once we thought table.h was in a stable state we started writing the accepting functions. I wrote aa\_func02(), aa\_func\_03(), aa\_func05() and in order to complete those accepting functions I was required to write the helper functions atoint() and iskeyword(). I also wrote t\_set\_err\_t as a macro to avoid having to repeatedly write the same code everywhere we set an error token, we chose to write the macro because we thought it was more efficient than making function calls. Once we got to the testing phase I started to debug the functions Thom wrote. We thought debugging each other’s code was the quickest way to fix bugs and optimize the scanner.

Thom Palmer

While Chris was working on the more difficult special symbol cases in mlwpar\_next\_token I wrote the needed code on table.h and then continued by writing all of the simple special character cases. Some of the other code that I was responsible for writing were: all of the code after special symbols in mlwpar\_next\_token(), char\_class(),aa\_func08(), aa\_func11(), aa\_func12(), atool(), atodbl(),SEOF(c),WHTSPC(c), and the function version of t\_set\_err\_t(). All of my helper functions were tested in a separate test project that I use for testing new/different code. As soon as I knew the code itself was good I tested them within the context of the program and main test files. Once our code was matching the test file output Chris and I spent a great deal of time optimizing and cleaning up our code. This involved looking over, modifying and testing each other’s code.

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Thom Palmer Chris Whitten