**Meeting Minutes**

**Date:** April 26, 2014

**Start Time:** 2:00pm

**End Time:** 9:00pm

**Members Present:** Drew Aaron, Michael Beaver, Clay Borden,

Chad Farley, Andrew Hamilton, and Travis Hunt

**Members Absent:** N/A

**Topics** **Discussed**

* Assembler
* Debug Mode
* ORG
* Test Files
* User’s Manual

**Decisions and Actions Taken**

Michael found a fault where the Assembler would fail to update the location counter correctly when generating the object code for DC values of length one (e.g., DC F’0’). Travis was able to correct the fault. Travis continued to update the Assembler to correct various faults that were discovered during the meeting. The team was able to determine that DS/DC statements can have other formats than initially assumed (e.g., FL5’7’ would produce 00000007).

Drew was able to implement the fundamental version of the ASSIST/UNA debugger. However, there are still some faults that need to be corrected. He managed to fix the debugger, in addition to a syntax highlighting issue. He also modified the main form to “maximize” the memory display during debug. The debug feature appears to be functioning as expected.

Travis still does not understand fully how ORG works and why we need to implement it.

Chad and Michael implemented test files for each type of runtime exception. These will be used to verify the correctness of the Simulator and the XDUMP exception reporting. Andrew ran various files to compare the output against the output produced by ASSIST/I. Discrepancies were noticed in ASSIST/UNA-generated output, and Michael corrected them.

Clay began integrating the user’s manual into the web format / framework that Chad implemented.

The next team meeting will be Sunday, April 27, 2014 at 1:00pm. Location is TBD.