Status Report #8

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Accomplishments

This week I worked the hardest I have all semester on this project, conservatively putting in 25 hours. The entire toolchain has been compiled such that vector instructions can be in the program being compiled and an object file is produced without any complaint or special options. I needed to change far more files than I thought, changing about 2000 lines of the assembler RISCV target specific file.

Tomorrow I will work on more tests, making sure to hit all of the instructions we plan to use, and then move right onto continuing to work on the benchmarks/applications. I also need to do the rote work of adding all the instructions I worked on this week to intrinsics in libair. The set of instructions that is implemented will also be tweaked in our group meeting tomorrow.

Schedule

As a team, we need to work hard in the coming few days to prepare for our "pre-demo". We'll be meeting for much of tomorrow. I think that we will have some interesting things to show off at the demo. We will crank it into high gear.