

Status Report #1

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Accomplishments

This week, I focused on familiarizing myself with the Ariane 6 stage RISC-V CPU (<https://github.com/pulp-platform/ariane>) and transitioning into the necessary steps to boot Linux on the boards with provided support and our target board. I struggled with dependencies and VCS. I gave up on VCS on my computer, and gave up on installing dependencies on an ECE machine since ECE IT said that it wouldn't happen. I improved my local VM infrastructure and spent several hours debugging failed Vivado installations.

Schedule

To be honest, this week it has been slower on my contributions to 18500 team work due to the reading assignment (long) and a difficult midterm. I will make sure to pick up the slack in the next week by coming up with a detailed list of issues that needs to be solved for our goals to be met in regards to the UNIX like operating system controlling many smaller vector cores to get useful work done.