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ECE497

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| --- | --- | --- | --- | --- |
| Method | Min | Max | Average | CPU |
| Python | Neg... | 1 ms | 688 us | 76.1% |
| MMAP | Neg... | 596 ns | 405 ns | 100% |
| Kernel | 280 us | 1.540 ms | 418 us | 4.9% |

Comparing the values in the table, it’s clear to see that mmap had the fastest run time, but also used the most cpu. This is probably because mmap is blocking and there’s in no delay in the program, so it’s constantly mapping. The kernel however uses the least amount of cpu, due to it being a kernel module and running in the background. The python runs on interrupts, so it’s not as fast as mmap, but it also uses less cpu.