

Assignment 2.3 Write Up

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When approaching the revisions for this project, there were a series of changes I made. First of all, my original code did not raise any errors after a misunderstanding in the instructions, so I first went about raising all those errors and after testing a few, I could see that I had already made the difference on about 40% of them since many of them were accounting for errors my code did not raise.

After that, I spent most of the time working on changing opening restrictions, changing the locks of the close so that closing could account for threading, and changing the conditions and places that I would writeat, even if the file was closed and there was remaining pending.

Besides that, I added functionality to account for filesizes and pending sizes so that we could tell if what wanted to be written would go over the page count or not.

Another big change that I made was I changed the order of certain errors. I realized that a lot of things would only processes errors after locks were acquired and the like, so I wanted to process the errors before getting to those stages.

Outside of that, I had many different unique challenges presented. A few about the types of items passed into the readat and writeat, and I also had to re-read many of the instructions to make sure that the changes I was making were aligned with the objectives of Undo Part 1.

With all this, I was able to clear all the barriers in the tests except for 2 which I could not figure out and chalked up to a complicated solution. I am pleased with how many my code handles though.