

PA 5: Report

The data server moved out!

Summary:

The overall purpose of the assignment is to have many clients on a “network” to transfer and requests data points and files. The implementation is the same as PA3 however the use fork() to run a dataserver separately so many clients can make requests. The code for this PA functions correctly with the arguments:

```
./client -n <#reqs> -w <# workers> -b <bb size> -p <#patients> -h  
<host name> -r <port no>
```

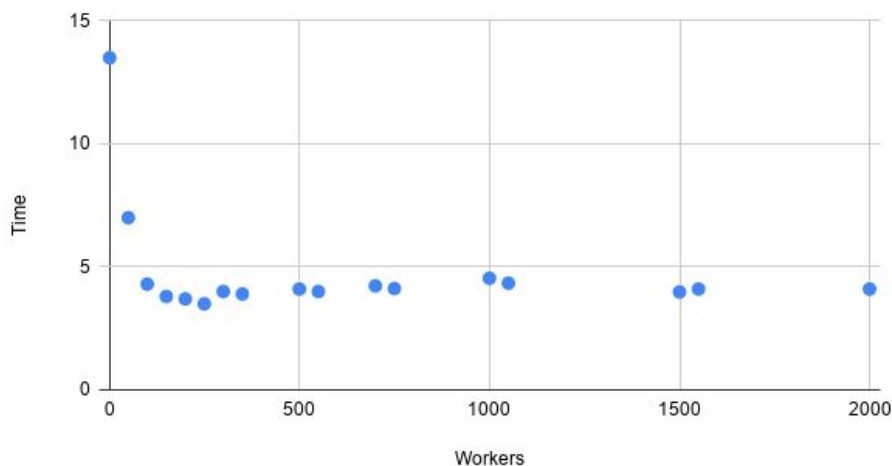
Or, like the following for file requests:

```
./client -n <#reqs> -w <# workers> -b <bb size> -f <filename> -h  
<host name> -r <port no>
```

The data server is to be called in the following form: `./dataserver -r <port no>`

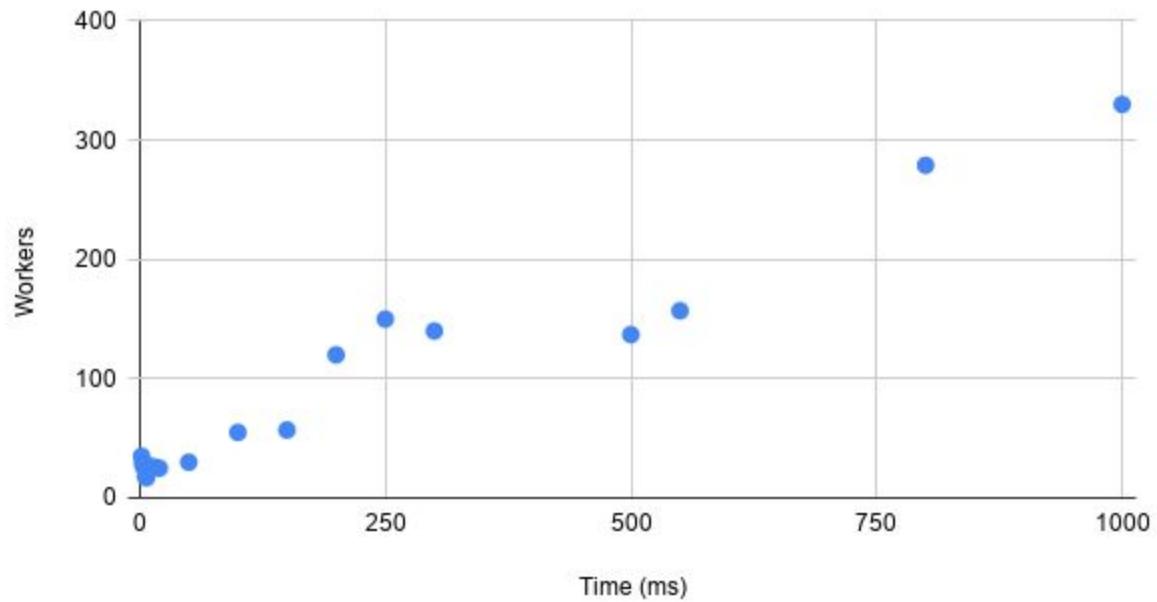
Data Points:

Workers vs. Time



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File Transfer



It seems that as I increased the number of worker threads the time taken increased because of the time taken to allocate the worker threads.