Writeup

I tested my program using different situations. First, I tried to upload two files and get the outputs, and I also curl -T http://localhost:8840 --request-target ABCDEFabcdef012345XYZxyz-mm for put method to make sure the files are uploaded. Also, I use curl http://localhost:8840/[name] for get method. Also, I send over 4 files to fill the cache and see if it acts properly.

Q&A

Caching attempts to reduce the latency of the user associated with obtaining web documents. Latency can be reduced because the cache is naturally much nearer to the client than the provider of the content. When I turn the caching off, the time it sends the requests is longer compare to caching is turning on. I think caching tries to reduce the network traffic from the internet servers.