

Question:

Using your new httpserver with caching, perform an experiment to demonstrate how caching can improve performance. Do a test with caching turned on and compare it with the same test but with caching turned off.

Answer:

With my new httpserver with caching, I can see a somewhat significant time reduction compared to the httpserver without caching. For example when doing a GET request, I get 1.052s with the httpserver without caching and a 1.021s with the httpserver with caching. A similar time is outputted with doing a PUT request for a cached httpserver and a non-cached httpserver.