

I have test my code manually, but using white box and black box tests and using `console.log()` to trace certain paths of the code. I also have tested the web program using load test API.

```
$ loadtest [-n requests] [-c concurrency] [-k] URL
```

For loadtest -n 1 -c 1, the time taken to process a single post was 0.0358s (35.8 ms)

### How does the level of concurrency impact the performance of the server?

loadtest -n 10000 -c 10 -k: 12.67s

loadtest -n 10000 -c 100 -k: 10.38s

loadtest -n 10000 -c 1000 -k: 11.63s

loadtest -n 10000 -c 10000 -k: 15.10s

From the results above level of concurrency doesn't significantly impact the performance of the server.  
It slightly decreases performance.