EVENT DRIVEN SERVER

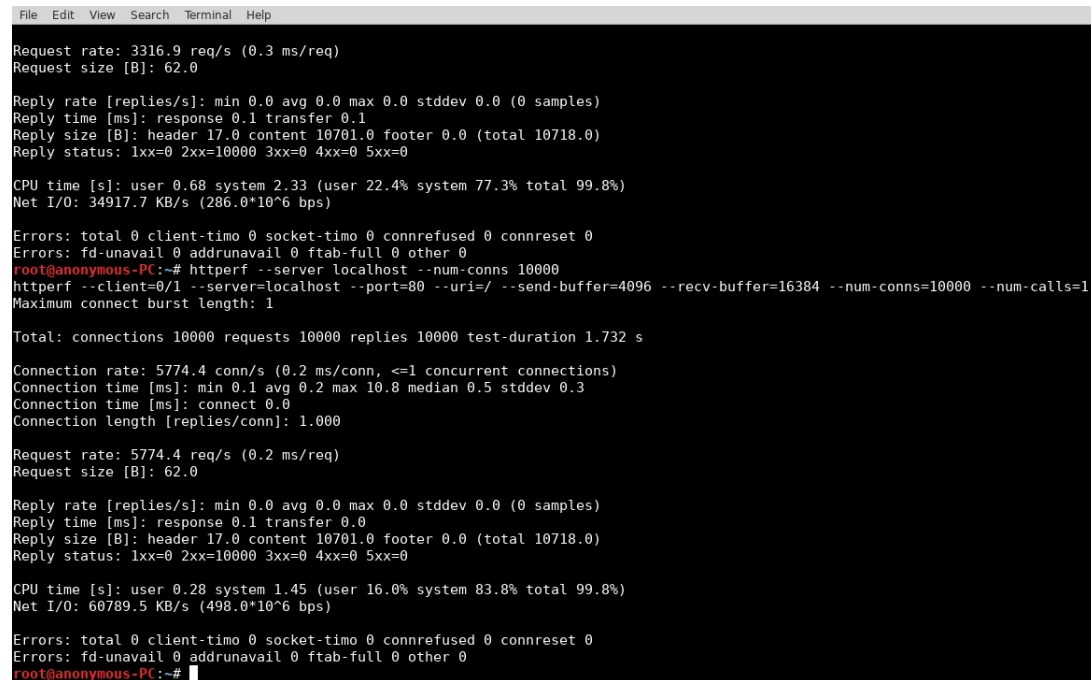## T DINESH RAM KUMAR

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Event Driver Web Server modelled after lighttpd. Prototype for the C10K problem. Single threaded single process based server. Uses epoll and non-blocking io operations for high performance. To further improve response time it buffers the static webpages. Supports GET requests and non-persistent HTTP only. Currently it searches for requested file only in directory specified.

To configure the web server, modify the following constants in the code

(Default values are listed below)

#define IP "127.0.0.1"
#define PATH "/var/www/html/"
#define PORT 80
#define LISTEN_BACKLOG 1000
#define DEFAULTPATH "/index.html"

HTTPERF Results