

## Proxy User Manual

In order to use this proxy, follow these steps:

1. First, go to the terminal and enter in `hostname -i` to get the IP address of your local machine, you need to enter this address into your proxy settings
2. This proxy uses the port 27015, so enter that where ever it specifies the port number
3. Compile the program by typing this into console: `g++ main.cpp -o main`
4. Run the program with `./main` and go to a website of your choice

Currently this proxy only supports normal transmission of websites.

### How did I test this?

I tested this program mostly at home, on a virtual machine that was running Ubuntu. I found that using a virtual machine is much easier than working on a terminal via SSH. Previously, I wasn't using a virtual machine for other projects and it became quite cumbersome to manage files through SSH so using a virtual machine helped in that regard. Plus, I think using a local IP address like I did made it easier to test the proxy since there is virtually no delay between the proxy and myself.