

Installation guide (ubuntu), write the following commands in the terminal:

1. `echo "deb [trusted=yes] https://apt.fury.io/caddy/ /" \`
`| sudo tee -a /etc/apt/sources.list.d/caddy-fury.list`
2. `sudo apt update`
3. `sudo apt install caddy`

*Taken from: <https://caddyserver.com/docs/download>

How to use:

to run in http/1.1 without encryption open the terminal in the folder containing the index.html and use the command: `sudo caddy file-server`

to run http/1.1 with encryption use the same steps as HTTP/2 shown below and block HTTP/2 in the browser

to run http/2 or http/3 follow these steps:

1. create an empty document called "Caddyfile" (upper-case 'C')

* to use in the public network you must assign a domain to get a certificate, use a free DNS to get one

write the following in the Caddyfile to use HTTP/2:

```
your.domain {  
  
    tls your.email # (can be replaced with "internal" to use it locally but can only be reached  
    #using curl, browsers would raise an error)  
  
    file_server  
  
}
```

to use HTTP/3 add the following above everything else in the Caddyfile:

```
{  
  
    experimental_http3  
  
}
```

after editing the Caddyfile open the terminal in the folder containing the index.html file and the Caddyfile document you created and use the command: `sudo caddy run --watch`

* stop the server by using `sudo caddy stop`

* make sure to open the ports you wish to use in your router, you can use other ports but the browsers won't recognize them automatically.

* make sure to open the ports in the operating system firewall.

* http/1.1 without encryption uses port 80 (TCP)

* http/2 and http/3 (uses https) use the port 443, http/2 uses TCP, http/3 uses Quic (UDP).