

Deployment

Activity

1. Setup Nginx and Apache as proxy servers for your 2 apps

Setup one app (Express or Python) with begins and the other using Apache

No need for domain names (can run on localhost)

Demo

- Today's lecture will be a large demo
- I will build a deploy a web app from scratch
- You choose what I build

Web Server

- Web Frameworks typically have a built-in web server
- This works well for development purposes, but using dedicated server software has more benefits
- We'll use these servers as proxies
 - Run our app on high port number
 - Run the server on port 80/443
 - Route traffic to the higher port number internally
- Some advantages of using a proxy server
 - Only the web server, not your app, has to implement HTTPS
 - Can run more than one app on a single physical server

Web Servers [Quick] Comparison

Nginx

- Concurrent
- Single-threaded
- Multi-process

Apache

- Multi-threaded
- Multi-Process

Live Demo

You Choose the idea and I'll start a site from scratch

Vote 1

Node/Express -or- Python/Flask

Vote 2

Nginx -or- Apache

Discussion

What are we building?
What's the domain name?

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