

presentation and code available at

bit.ly/nginx-intro



NGINX

as reverse proxy for your (micro) services - practical intro

by Karol Horosin

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Artificial Intelligence & Bioinformatics
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NGINX

as reverse proxy for your (micro) services - practical intro

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the talk:

practical example

+

useful features

we'll explore

Static file serving

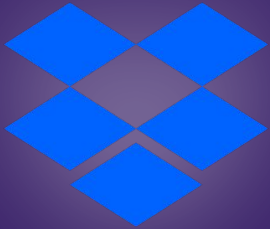
Error pages

Reverse proxying

Authentication

HTTPS

“nginx [engine x] is an HTTP and reverse proxy server,
a mail proxy server, and a generic TCP/UDP proxy server”



WIX.com

why nginx

alpine container - 8.28MB

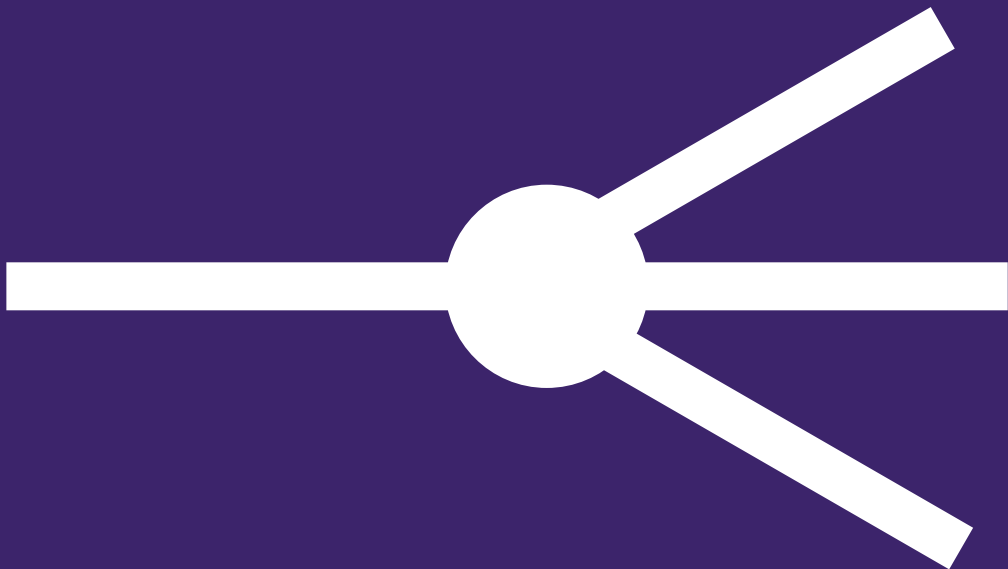
popular

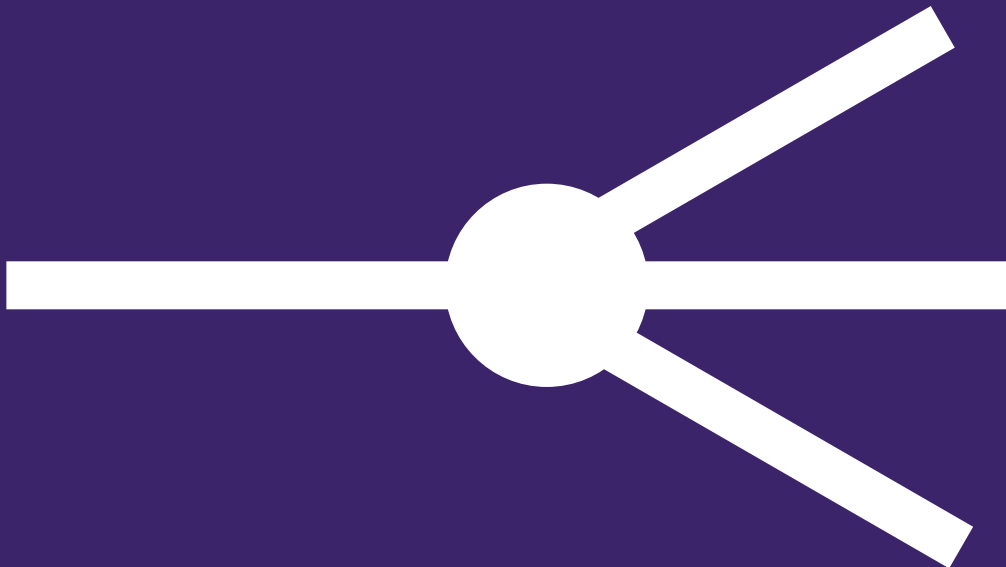
fast

2.5 times faster static files compared to Apache

low memory footprint

handles up to simultaneous 10000 connections





let's code

static websites

```
docker run -v $(pwd):/usr/share/nginx/html/ -p 8080:80 --rm nginx
```

HTTPS

Good HTTPS settings:

<https://www.digitalocean.com/community/tutorials/how-to-create-a-self-signed-ssl-certificate-for-nginx-in-ubuntu-18-04>



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