Thursday, October 1, 2020

YAML

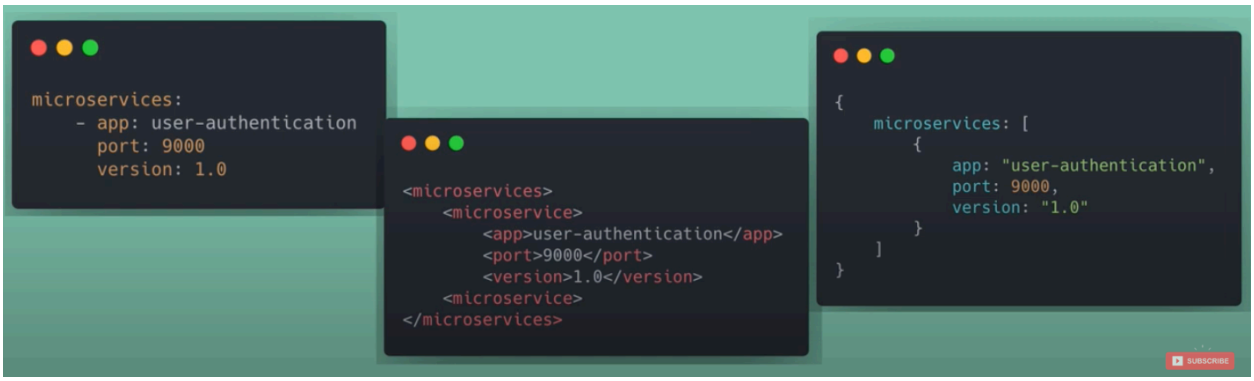
What is Yaml and Why is it Popular?

- Configuration files are written in yaml
- Widely used

A data serialization language

- Standard format to transfer data

Human readable and intuitive



Like Python, indentations and line separations are important

Docker Compose File

```yaml
version: "3.8"
services:
  mysql:
    image: mysql
    volumes:
      - db-data:/var/lib/mysql/data
    networks:
      - overlay
    deploy:
      mode: replicated
      replicas: 2
      endpoint_mode: dnsrr
```

Kubernetes

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: nginx-deployment
  labels:
    app: nginx
spec:
  replicas: 3
  selector:
    matchLabels:
      app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
```