



Platinum Sponsor



Gold Sponsors











Ziaullah Khan

Co-founder ZasmLabs Pvt. Ltd.

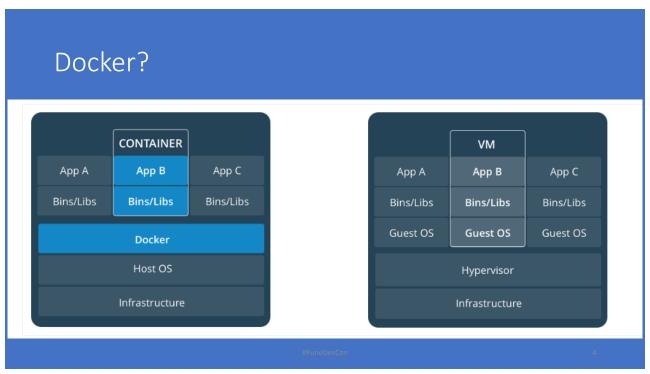
- Started Professional Career 2006
- Worked As a Premier Field Engineer in Microsoft
- C#, .Net/.Net Core
- ASP.Net, ASP.Net MVC
- Enterprise Architecture
- PMP certified Project Manager

Contact

Website: http://www.zasmlabs.com/

LinkedIn: https://www.linkedin.com/in/ziaullah-khan/

3



Demo 1 — First Docker

5

```
Containerizing an App

FROM node:6.11.5

WORKDIR /usr/src/app
COPY package.json .

RUN npm install
COPY . .

CMD [ "npm", "start" ]
```



#PuneDevCon

′

Demo 3 – Dockerizing .Net Core Hello World

PuneDevCon

Demo 4 – Refactoring Hello World App

#PuneDevCon

a

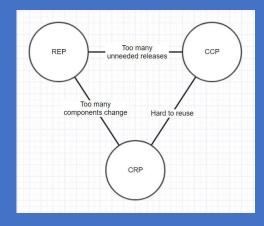
SOLID Principles

- Single Responsibility Principle
- Open-Closed Principle
- Liskov Substitution Principle
- Interface Segregation Principle
- Dependency Inversion Principle

PuneDevCon

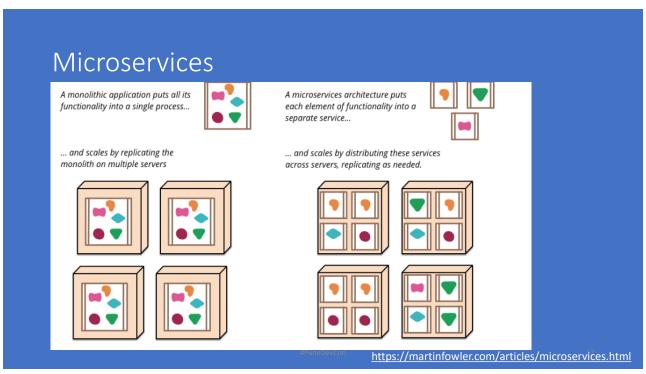
Component Principles

- Reuse / Release Equivalence Principle (RRP)
- Common Closure Principle (CCP)
- Common Reuse Principle (CRP)



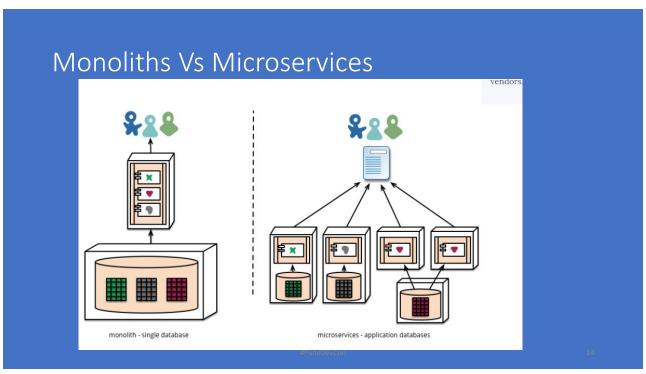
https://gist.github.com/ygrenzinger/14812a56b9221c9feca0b3621518635b

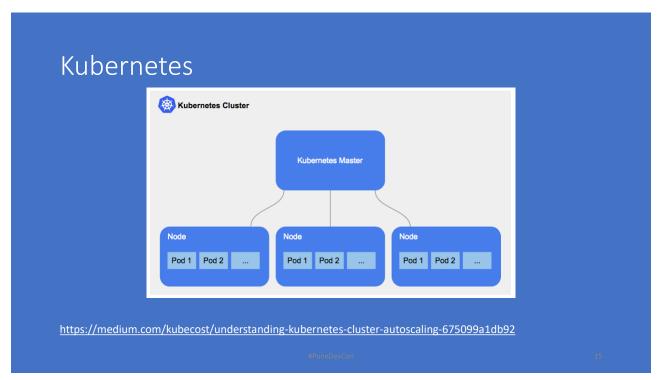
11



Microservices Characteristics

- Organized around Business Capabilities
- Products not Projects
- Smart endpoints and dumb pipes
- Decentralized Governance
- Decentralized Data Management
- Infrastructure Automation
- Design for failure
- Evolutionary Design





15

Demo 5 – Attempting Microservices



