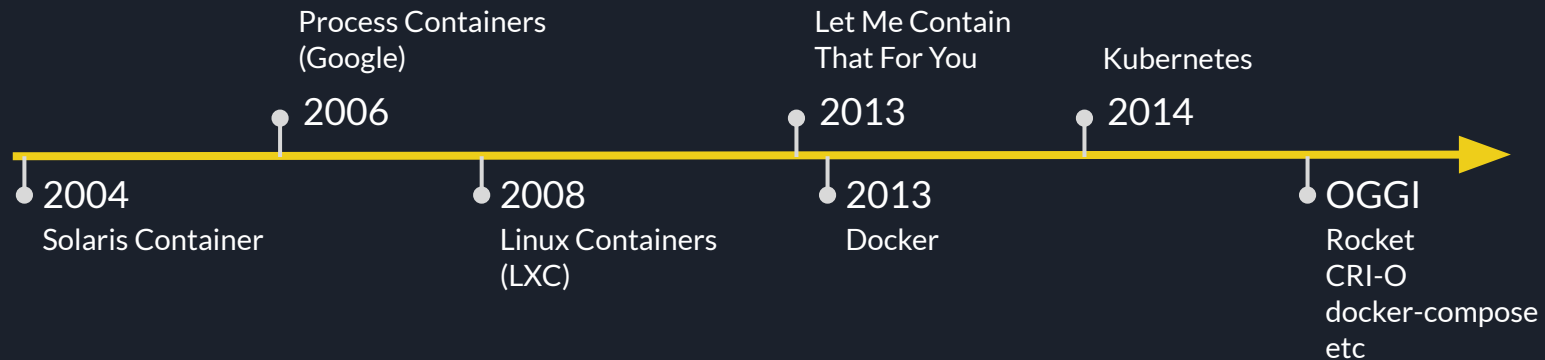


docker

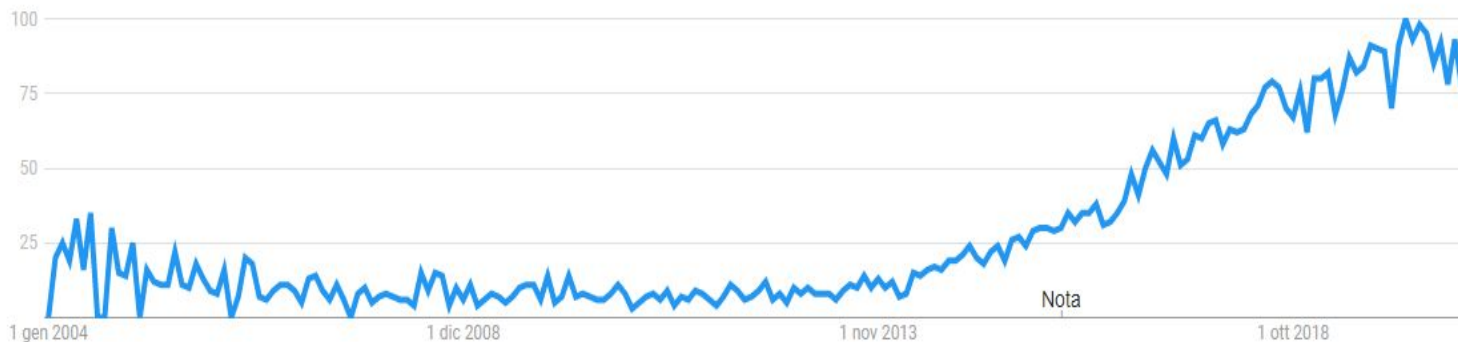
Il Signore dei container

Un po' di storia



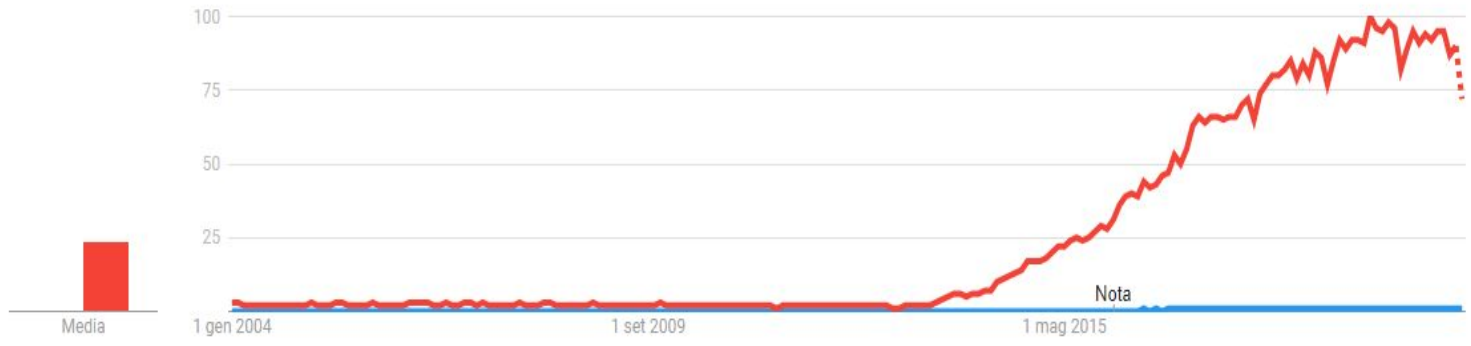
Google trends - "Container Linux"

Interesse nel tempo ?



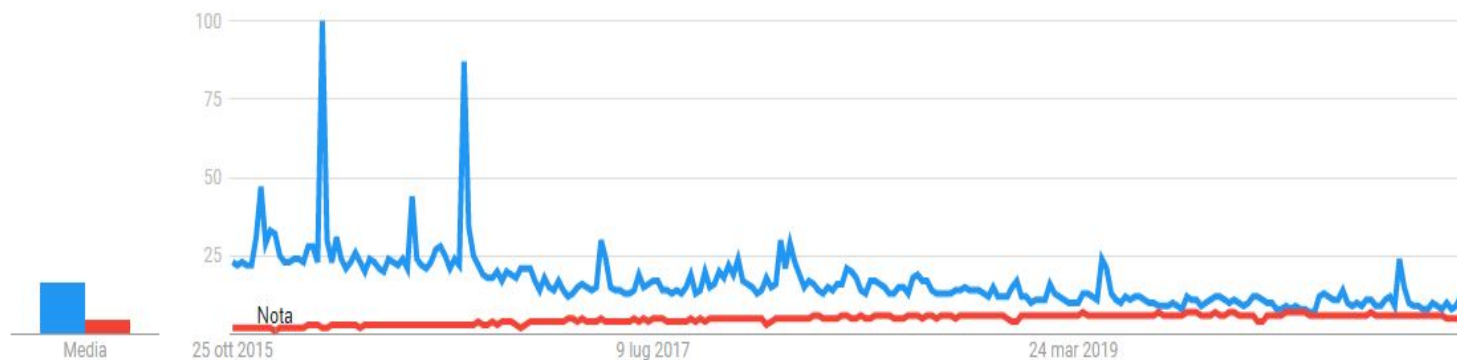
Google trends - "Docker vs Container Linux"

Interesse nel tempo ?



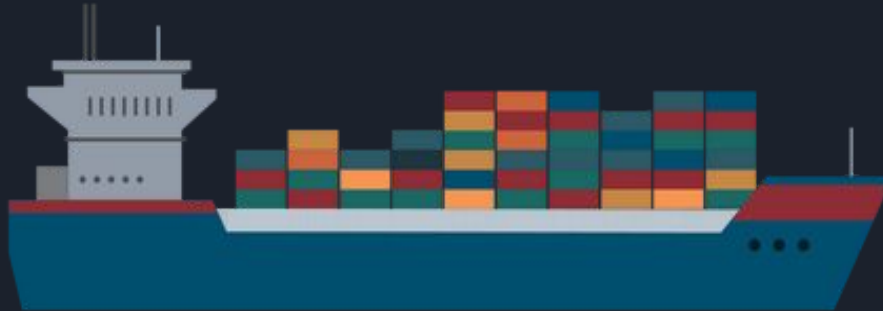
Google trends - "Docker vs Kim Kardashian"

Interesse nel tempo ?



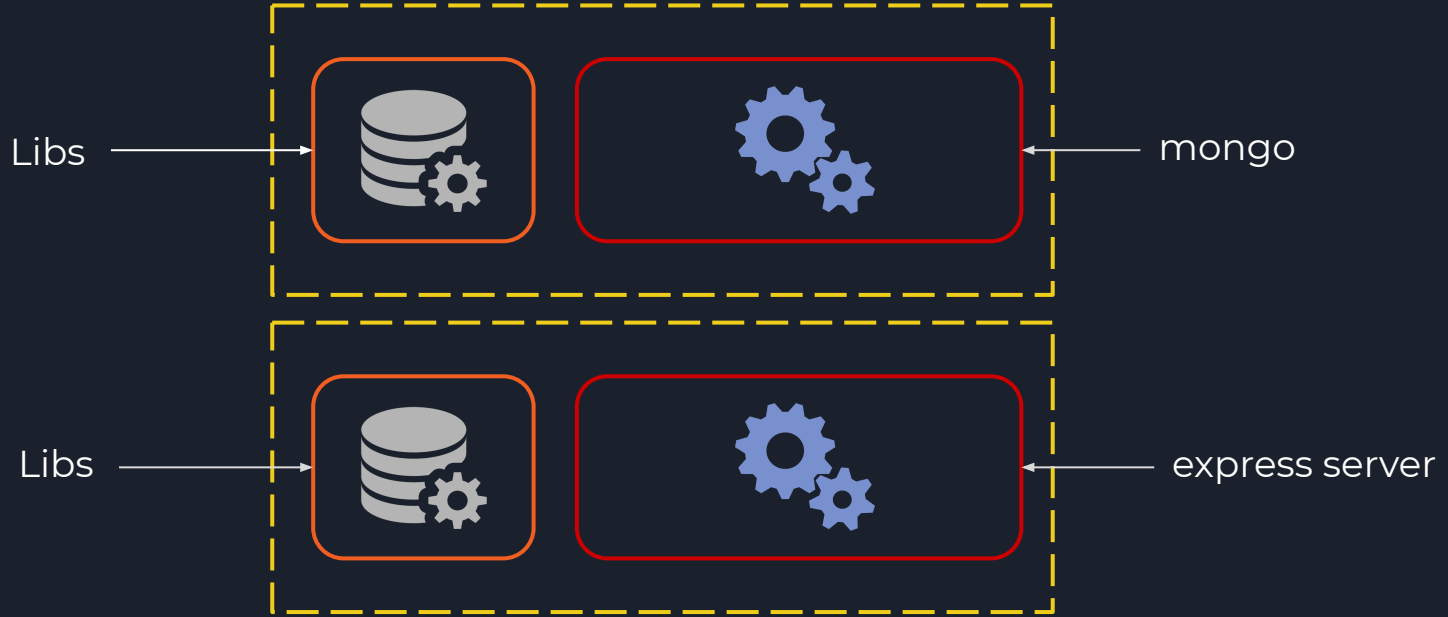
Cos'è un container?

Wikipedia: Il container è un' attrezzatura specifica usata per il ~~trasporti~~ **deployment di applicazioni**. È l'elemento di base del processo di "containerizzazione" dei ~~commerci~~ **servizi**, sviluppatosi ~~nel secondo dopoguerra~~ **negli ultimi anni**.



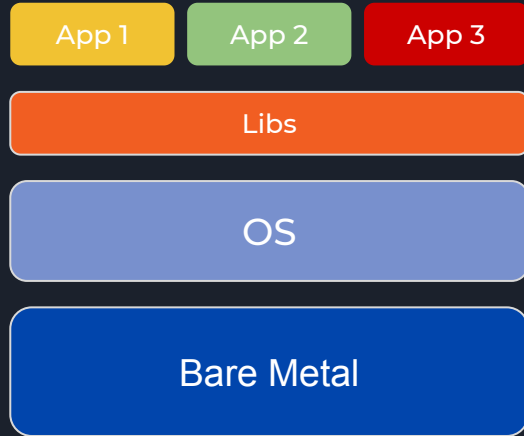


Container



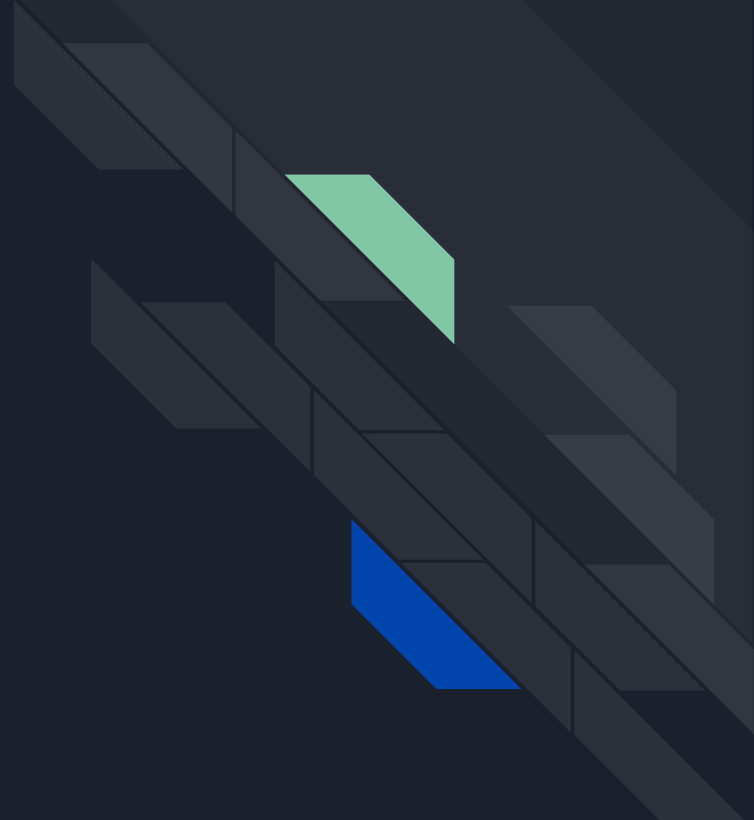


Bare Metal



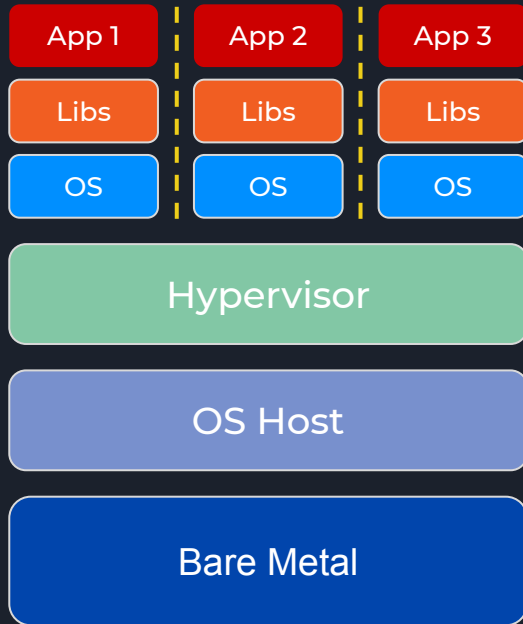
Problemi

- Compatibilità
- Sicurezza
- Scalabilità



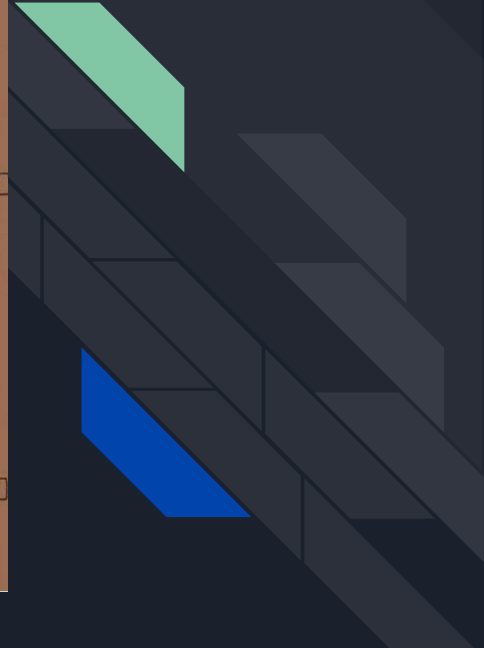
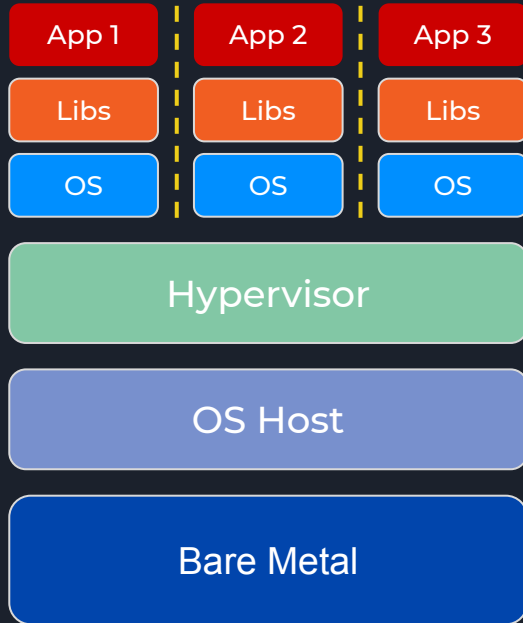


Macchina Virtuale



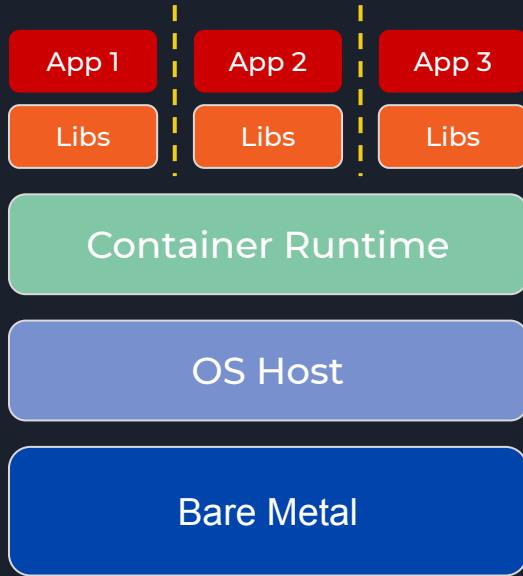


Macchina Virtuale





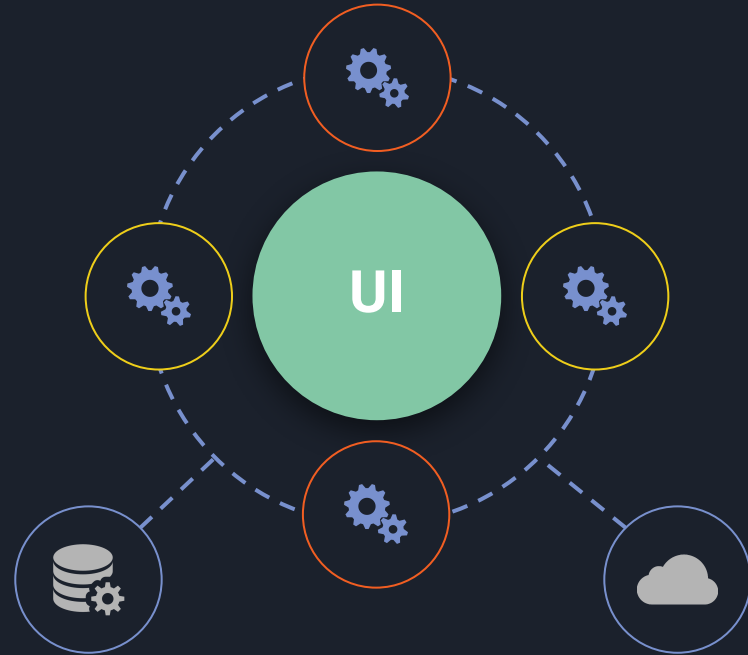
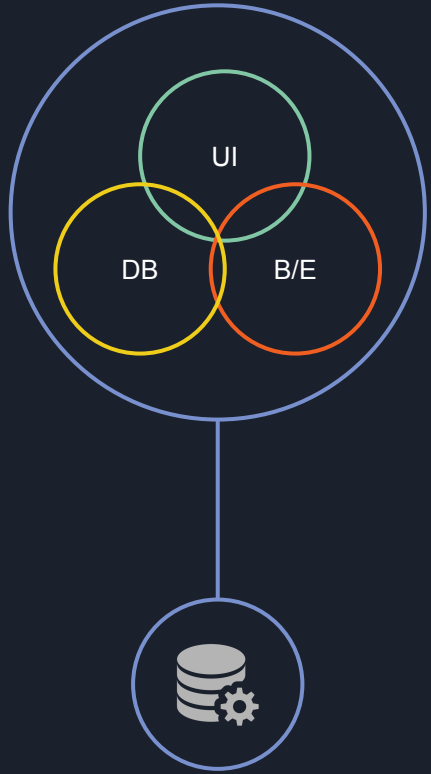
Container



Linux Kernel

- **namespaces** - isolano le risorse
- **cgroups** - limitano le risorse

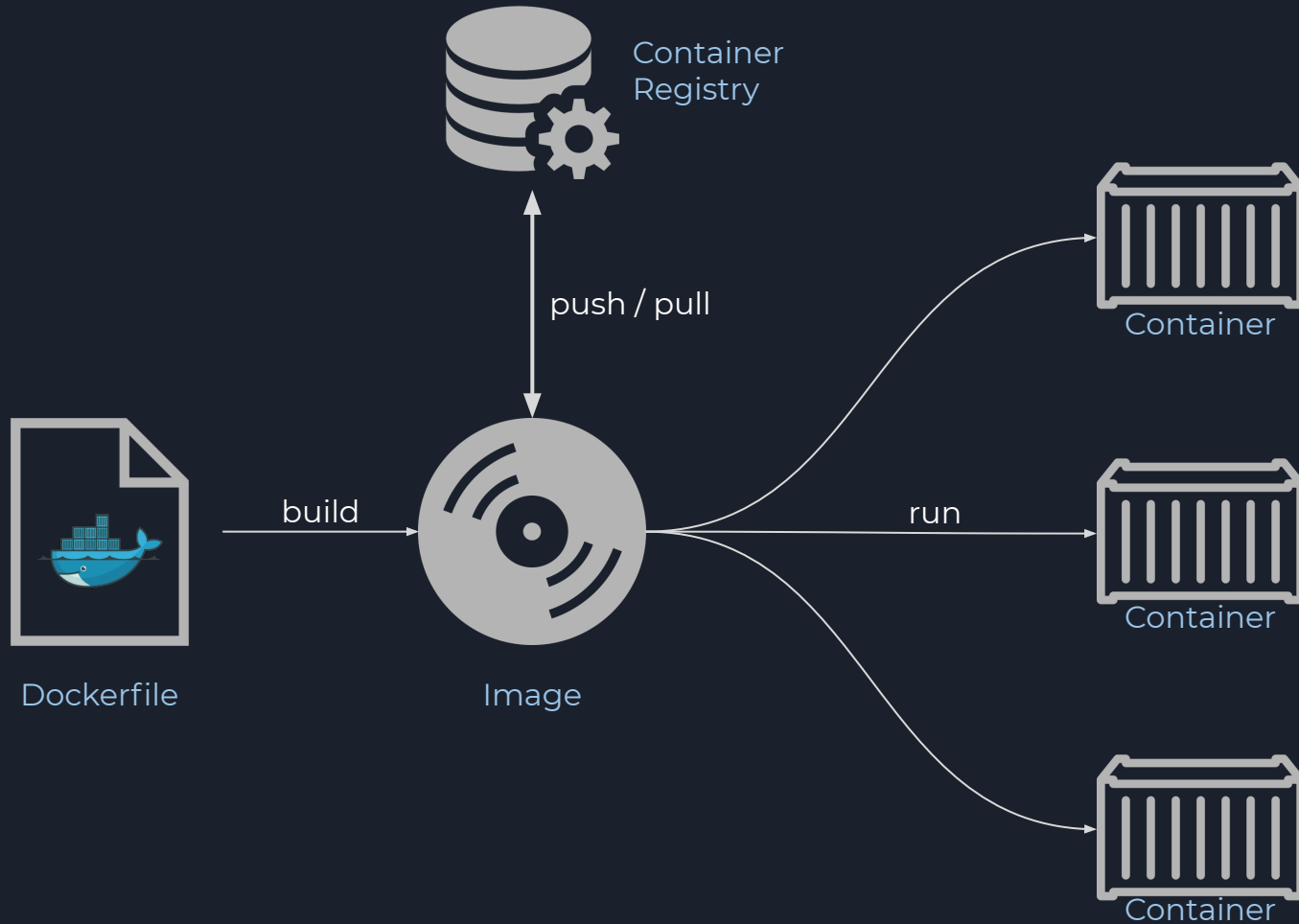
Monolitico vs Microservizi

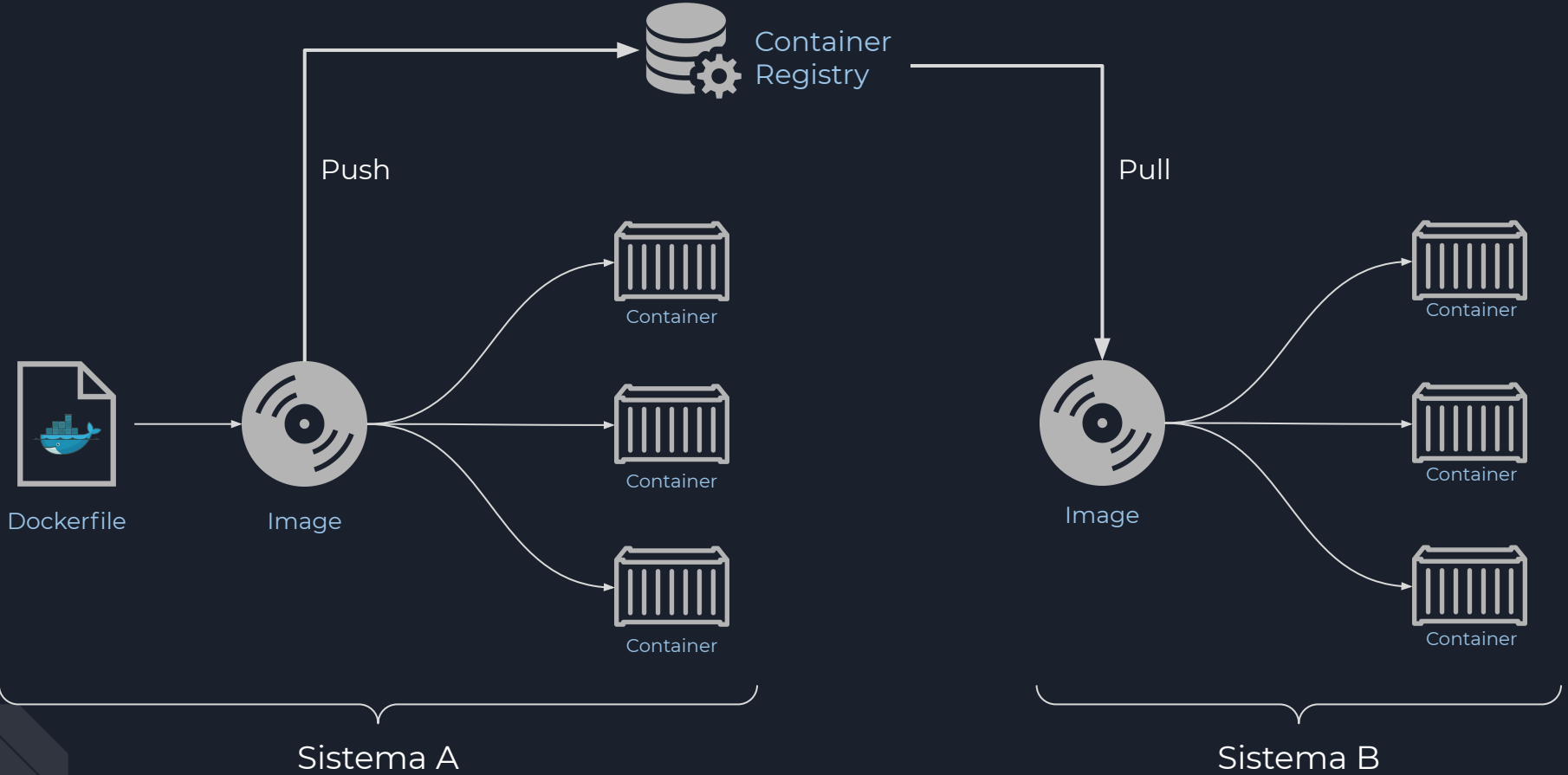


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