



Lec 7 - Devops



< 2000s

- Software are typically delivered in hard package
- Not very connected



2000s - 2010

- SaaS software
- Still in big data centers



Late 2010s and later

- Virtualized hardware
- Rise of devops



Why devops?

- You can easily deploy a service that scales to millions of users w/o a massive team



CI/CD

Collaborate

Build

Test

Deploy

Run

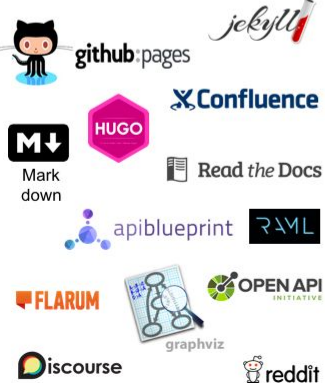
Application Lifecycle Mgmt.



Communication & ChatOps



Knowledge Sharing



SCM/VCS



CI



Build



Database Management



Testing



Artefact Management



Deployment



Config Mgmt./Provisioning



Artefact Management



Cloud / IaaS / PaaS



Orchestration & Scheduling



BI / Monitoring / Logging



