

UdaPeople

Benifits of using CI/CD

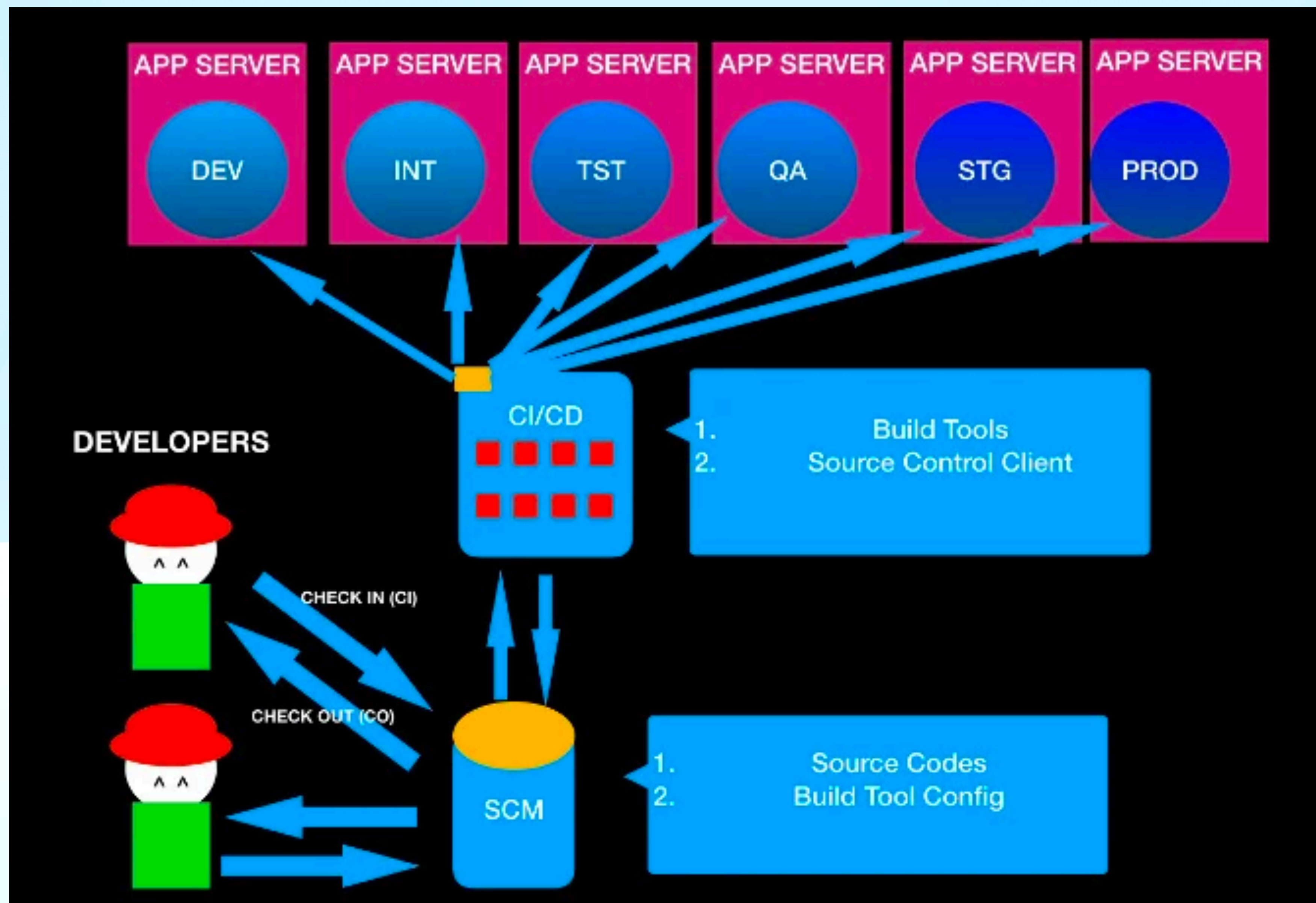
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What is CI/CD?

- Continuous Integration and continuous Deployment (CI/CD) is a software engineering process that brings together integrating, building, testing and deploying software in a continuous and automation fashion.
- CI/CD helps in every code change to be tested automatically which helps in identify and fix any issues in the early stages of deployment
- Continuous Integration means integrating small code changes into a repository. Each time code get checks in, automated tests are run to ensure code is working as expected
- Continuous Deployment is automatically deploying code in a environment once it passes all the required tests.

Benefits in Cost

- CI/CD reduces the times and effort to integrate, test and deploy code changes
- Reduces costs associated with manual testing and deployment which helps testers and developers time which can be used to focus on more strategic and high value activities
- Early detection of defects helps in quicker delivery of projects
- Highly scalable - can handle increasing workload without any cost for additional resources



Queries?