Enterprise JavaScript: CI/CD Pipeline

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DEVELOPER SUMMIT

Common Build and Deploy

Developer

Copy

Configure

Modify

Production

Source Control

Common Build and Deploy

Developer

Copy
Configure
Modify

Test

Copy
Configure
Modify

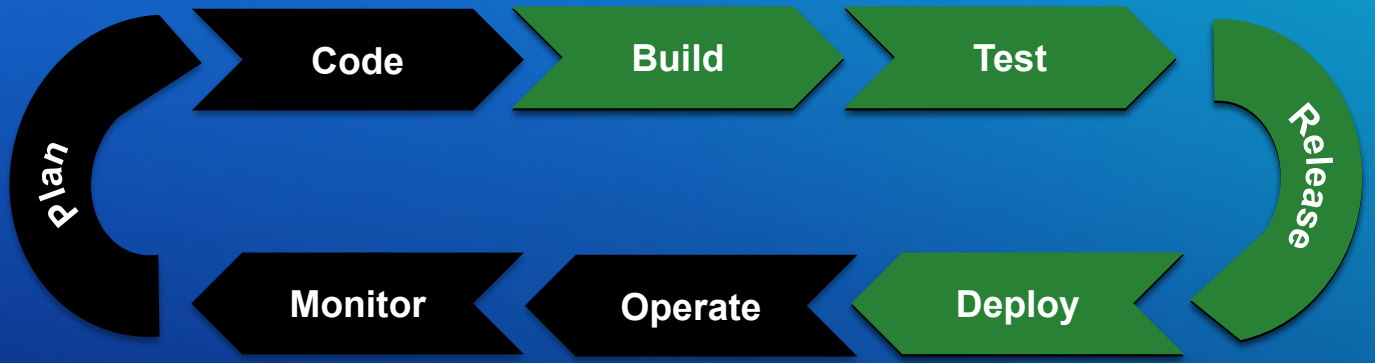
Production

Source Control

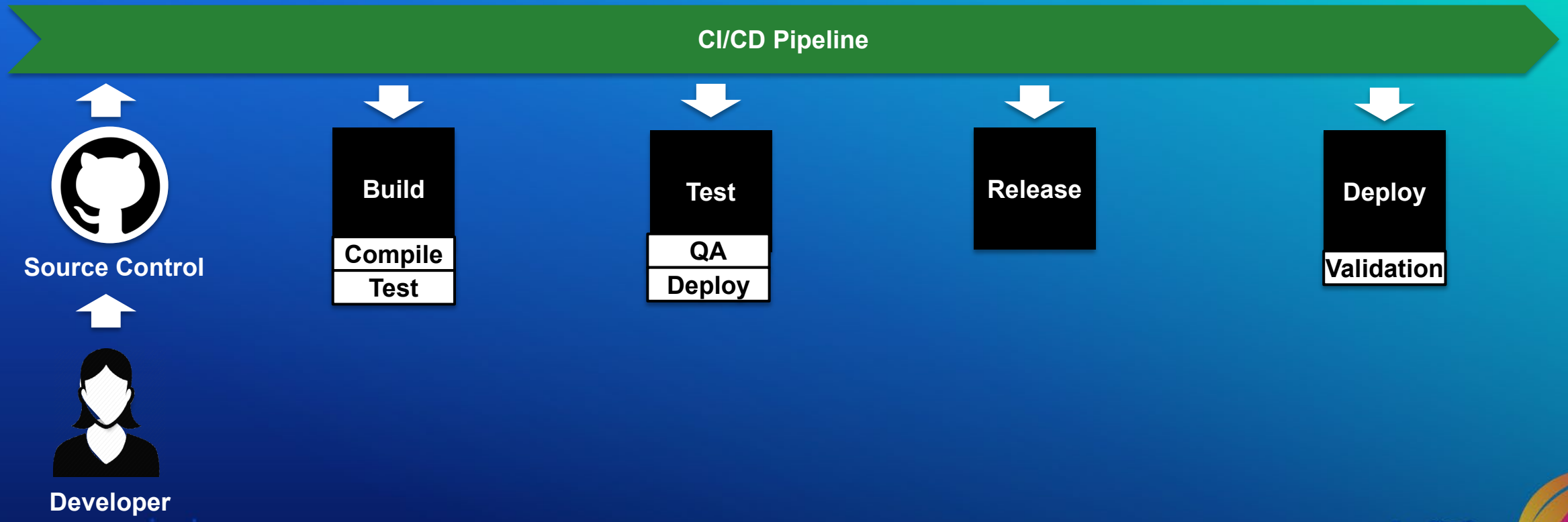
What is CI/CD?

- Utilize tools and automation during code integration and deployment to increase code base quality and deliveries while decreasing time spent on testing, staging, and deploying code.

CI/CD Flow



CI/CD Pipeline



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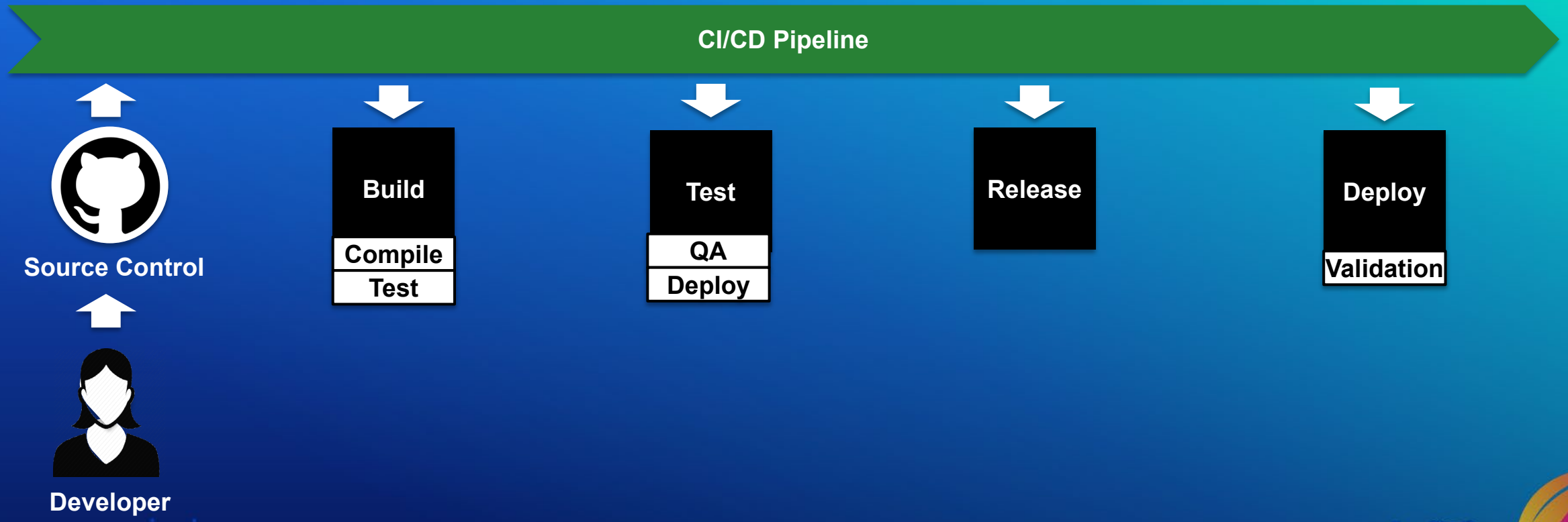

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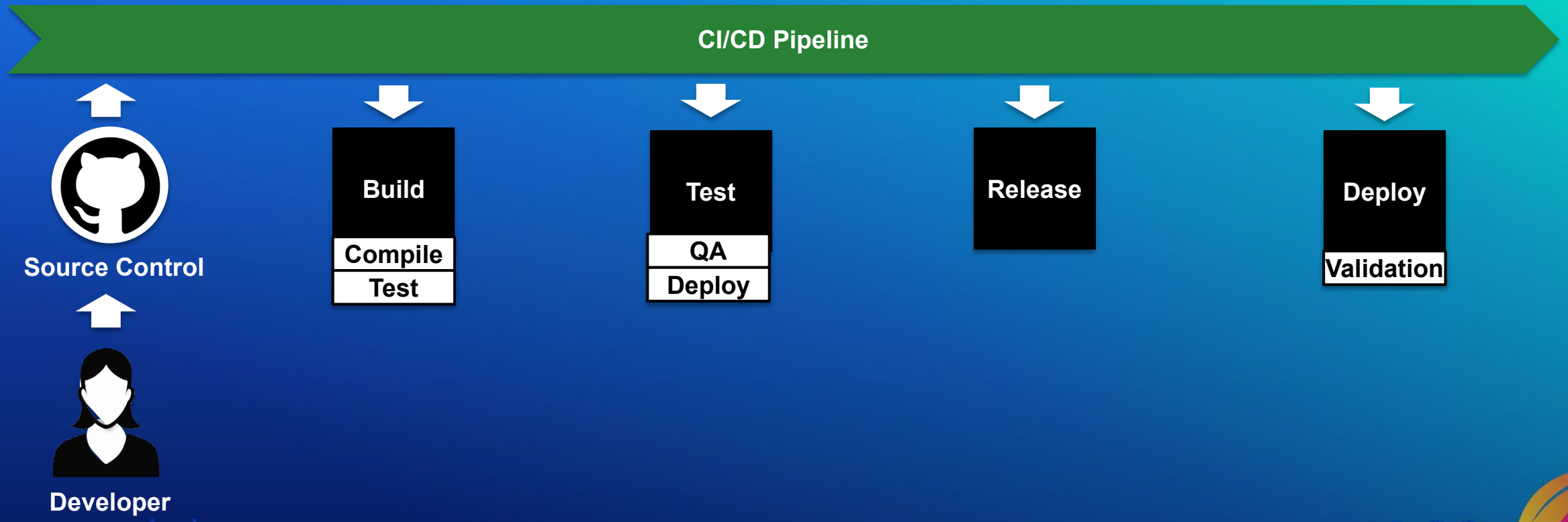

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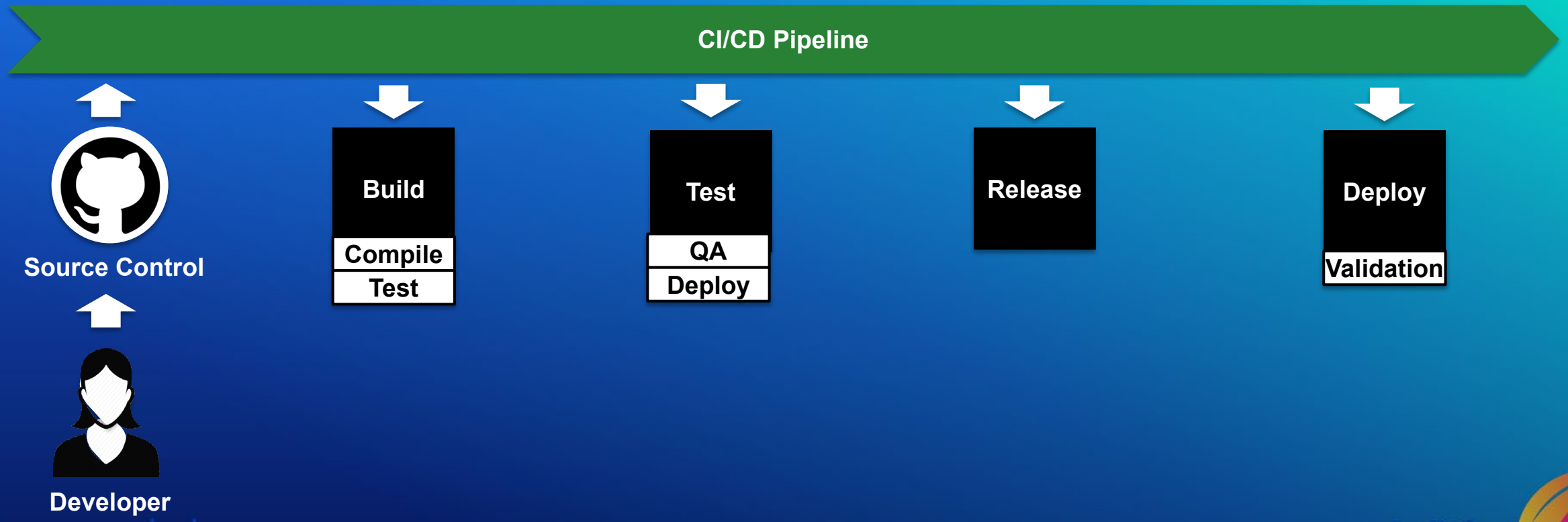

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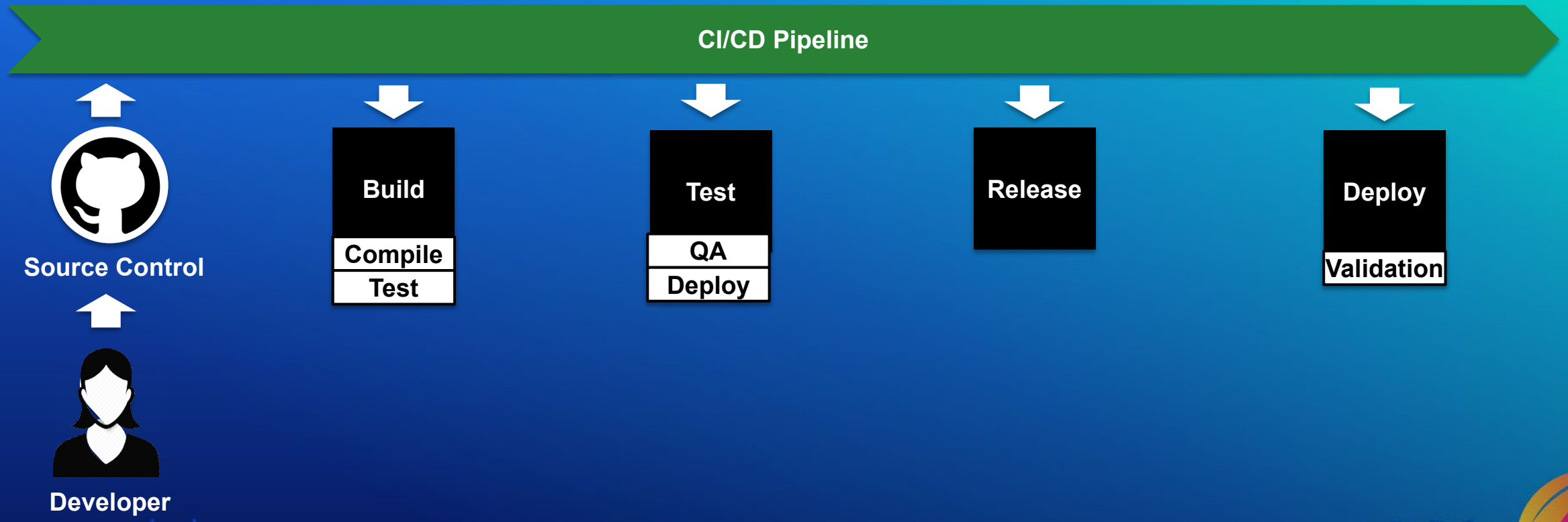

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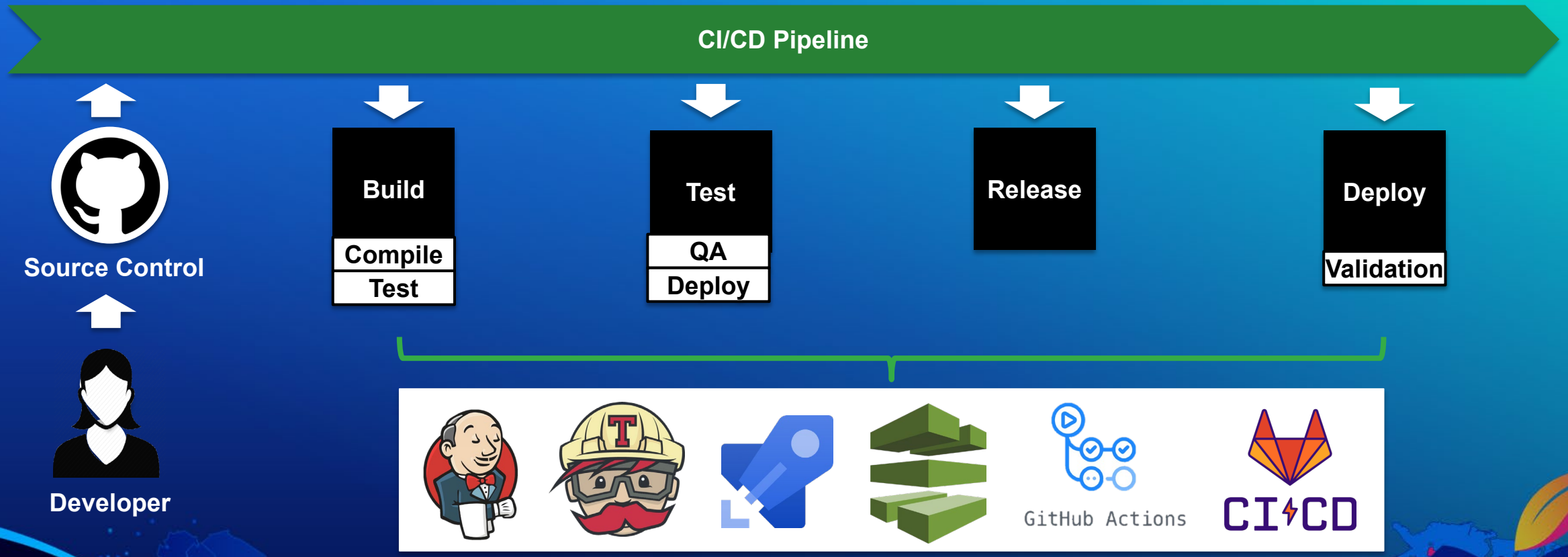

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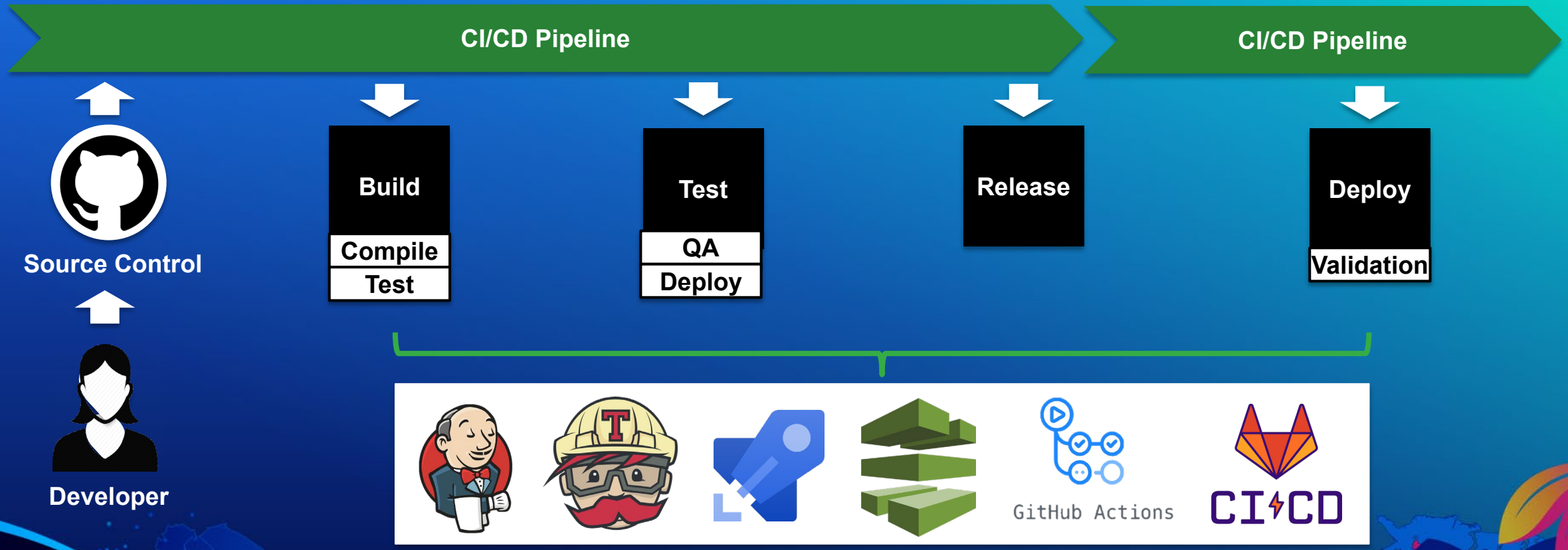

Pipeline Demos

Resources

Jenkins

https://jenkins.io

Jenkins Pipeline Getting Started

https://www.jenkins.io/doc/book/pipeline/getting-started/

Sample Application

https://github.com/Esri/enterprise-build-sample-js

Sample Application – Single Pipeline (Tomcat)

https://github.com/Esri/enterprise-build-sample-js/tree/webpack

Sample Application – Multi-Step Pipeline (Apache/IIS)

https://github.com/Esri/enterprise-build-sample-js/tree/deploycopy

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