



# Enterprise JavaScript: CI/CD Pipeline

Randy Jones

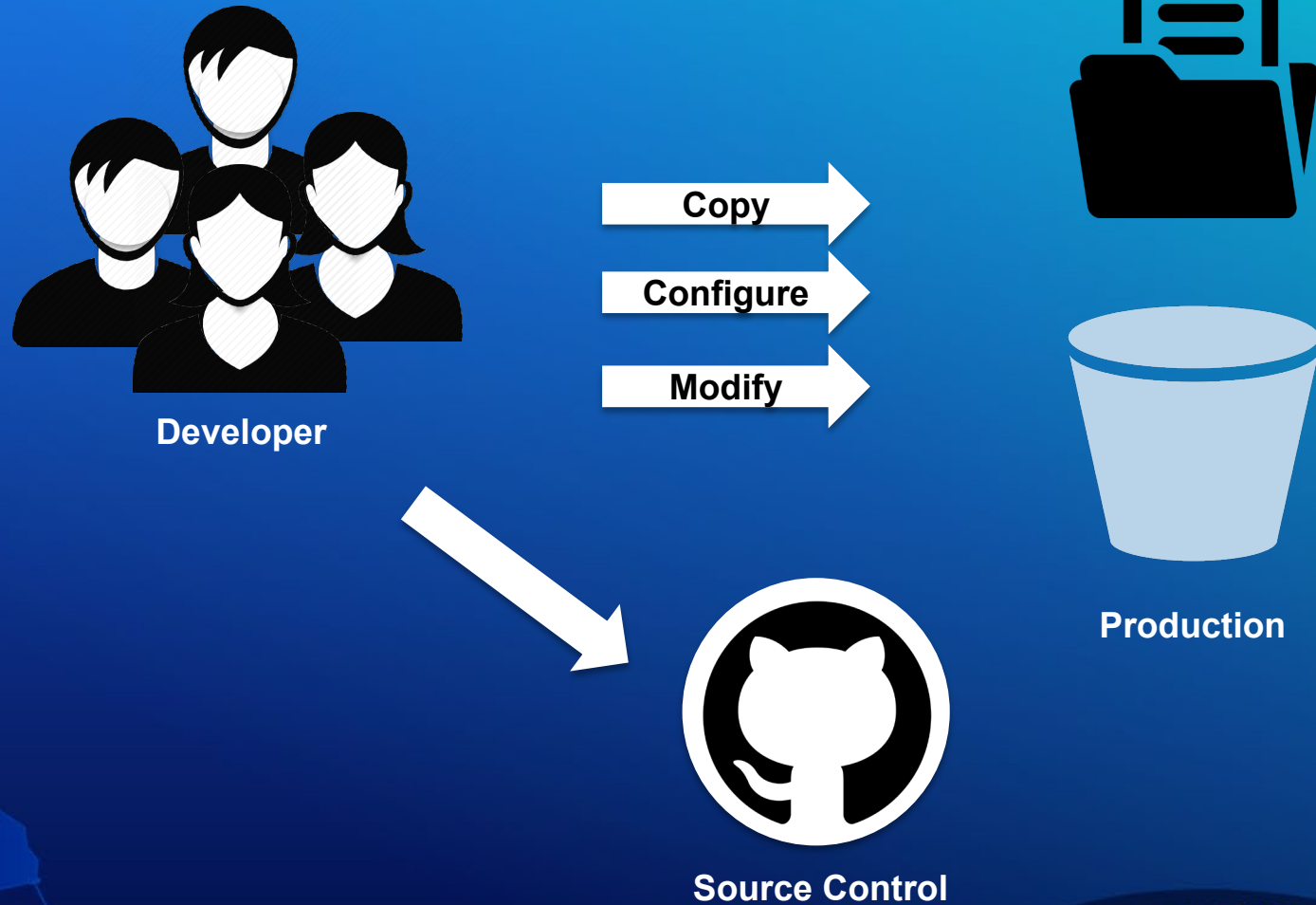
@randysjones

Jackie Roberts

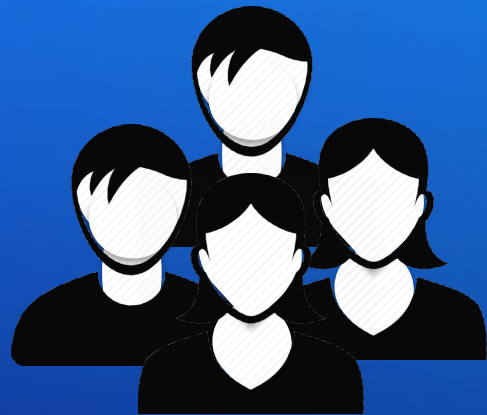
@webdevjackie

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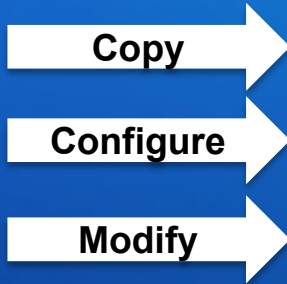
# Common Build and Deploy



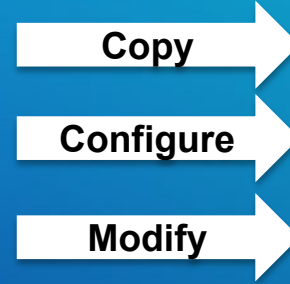
# Common Build and Deploy



Developer



Test



Production



Source Control

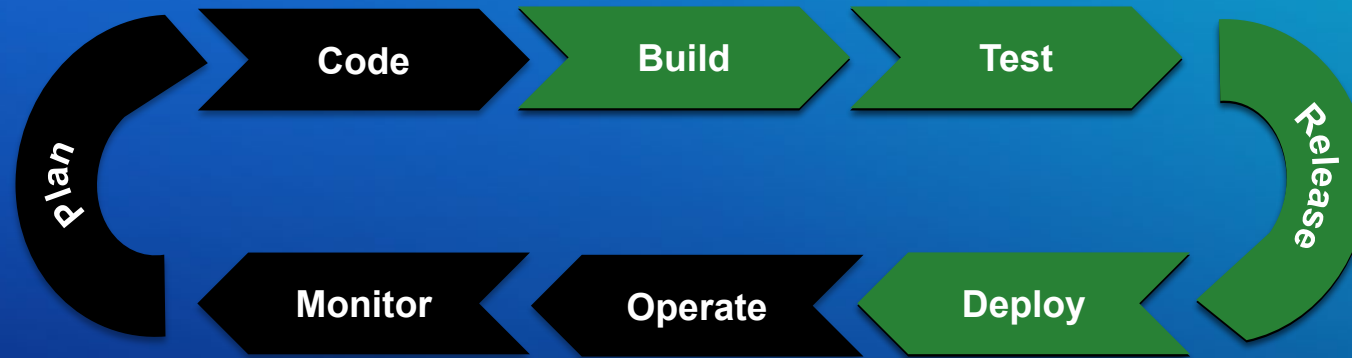


# What is CI/CD?

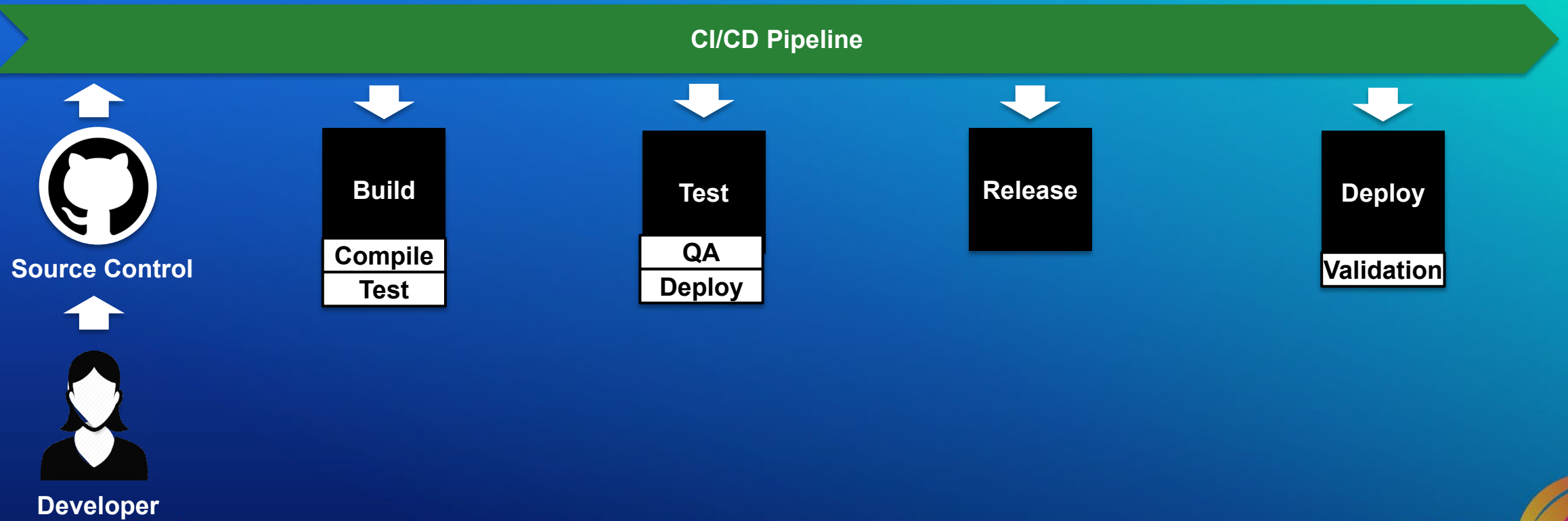
- Utilize tools and automation during code integration and deployment to increase code base quality and deliveries while decreasing time spent on testing, staging, and deploying code.



# CI/CD Flow

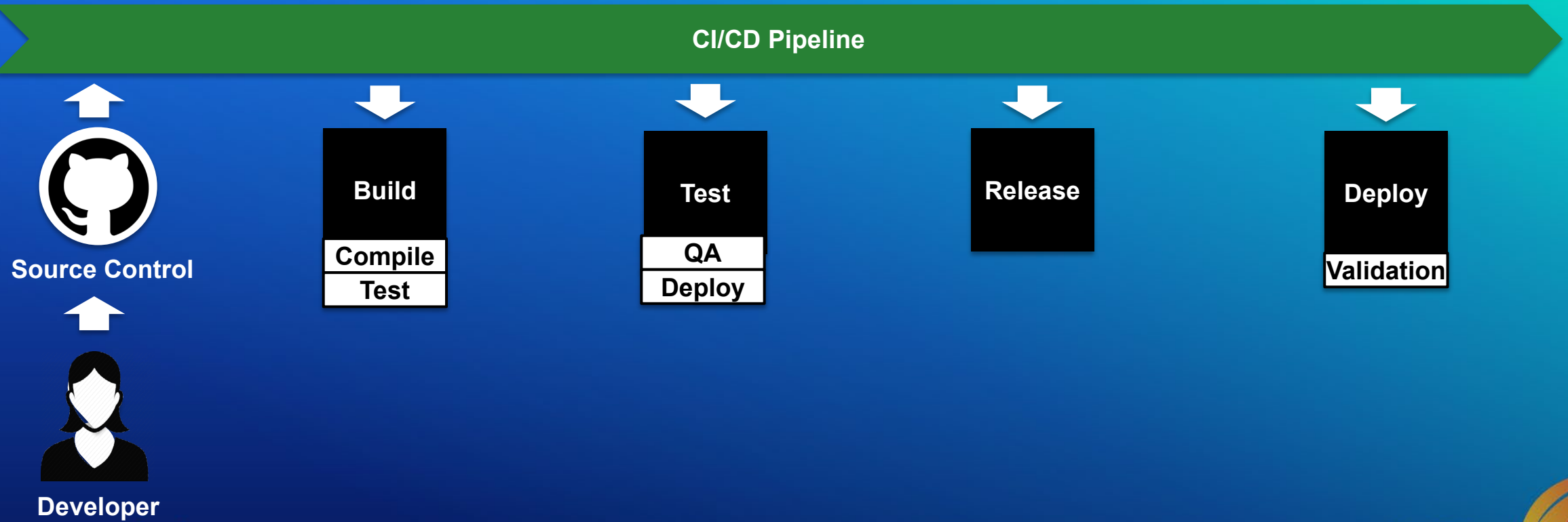


# CI/CD Pipeline

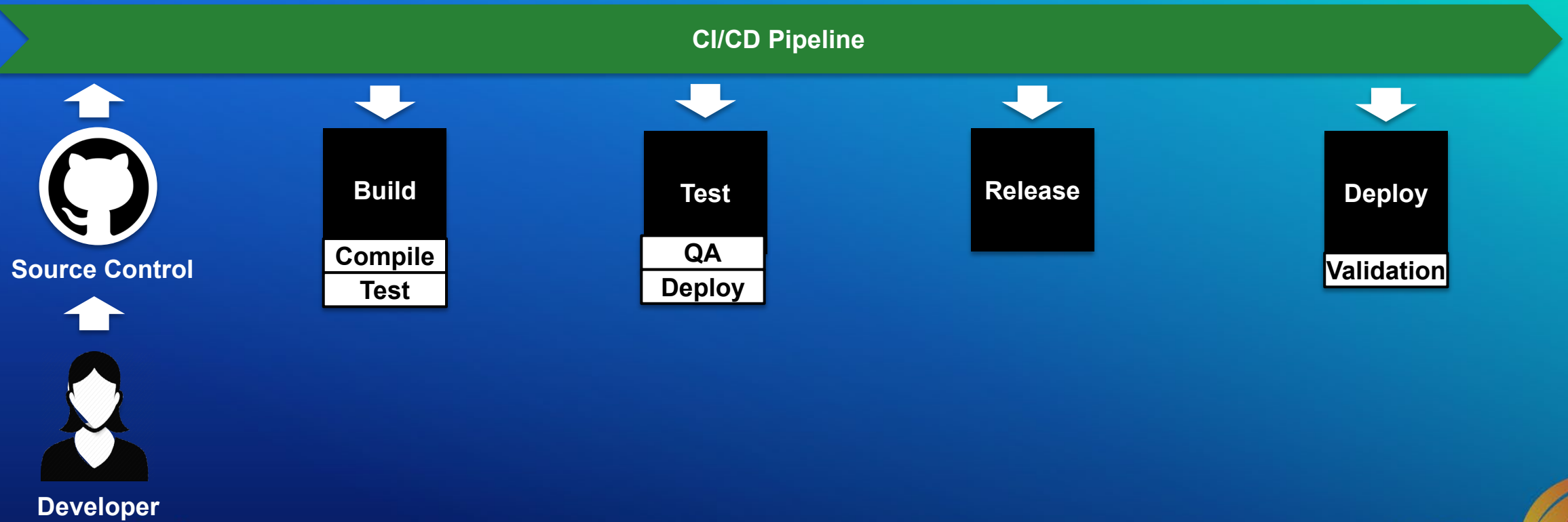




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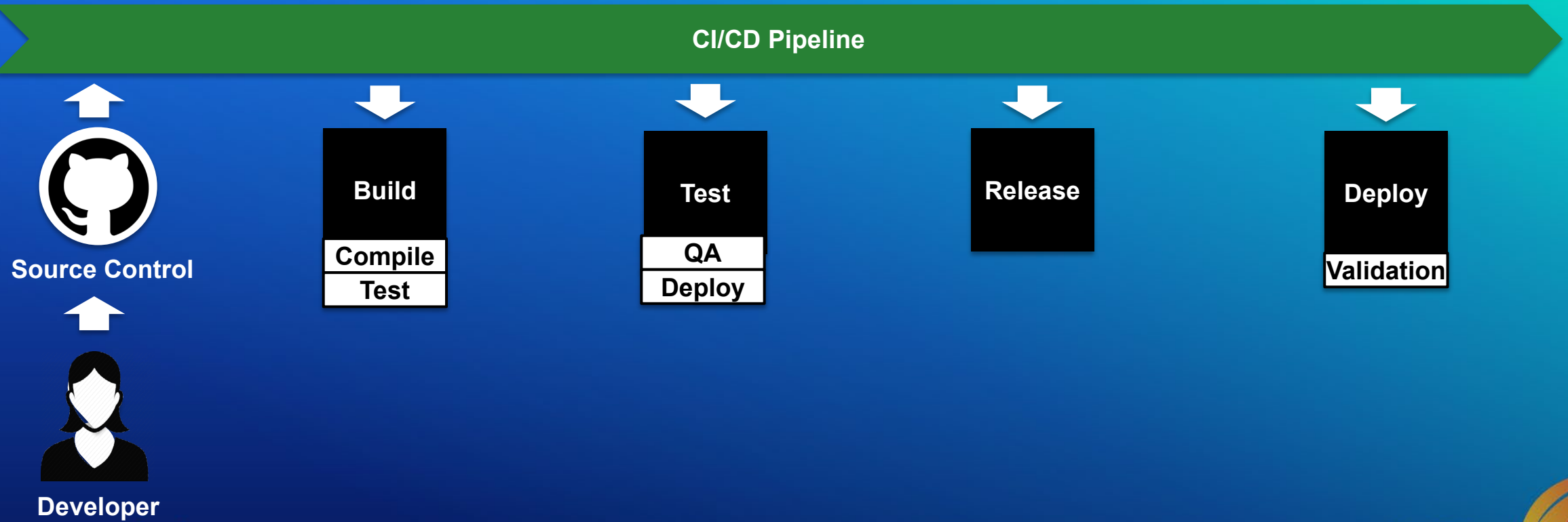


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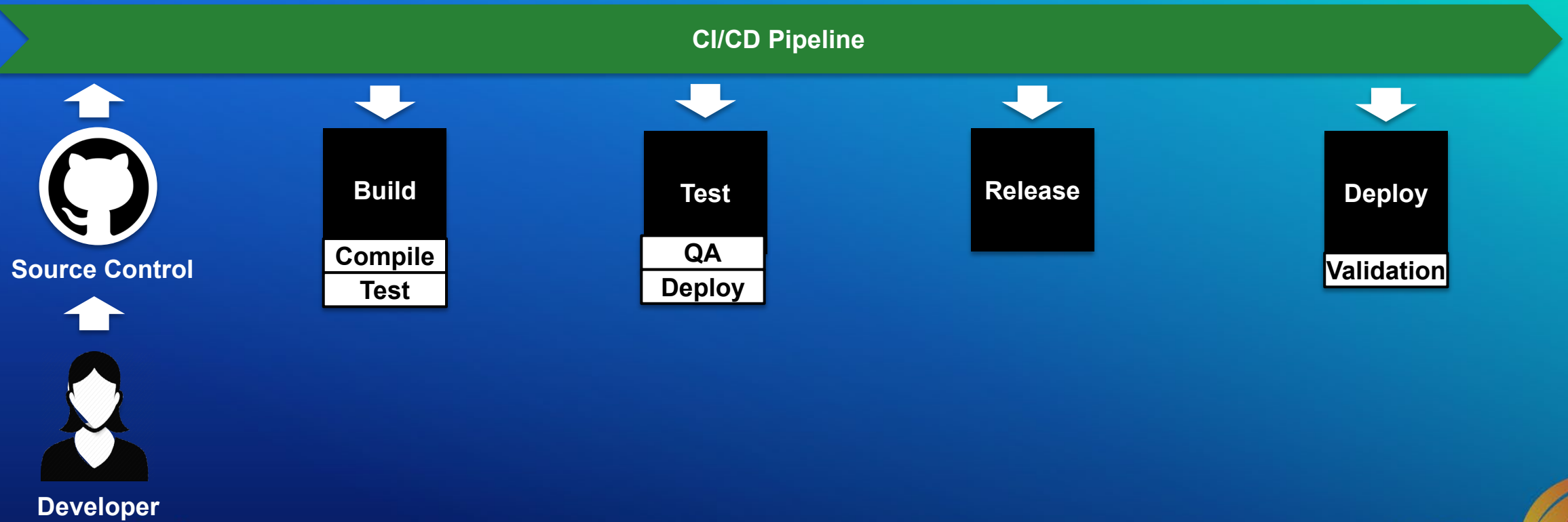




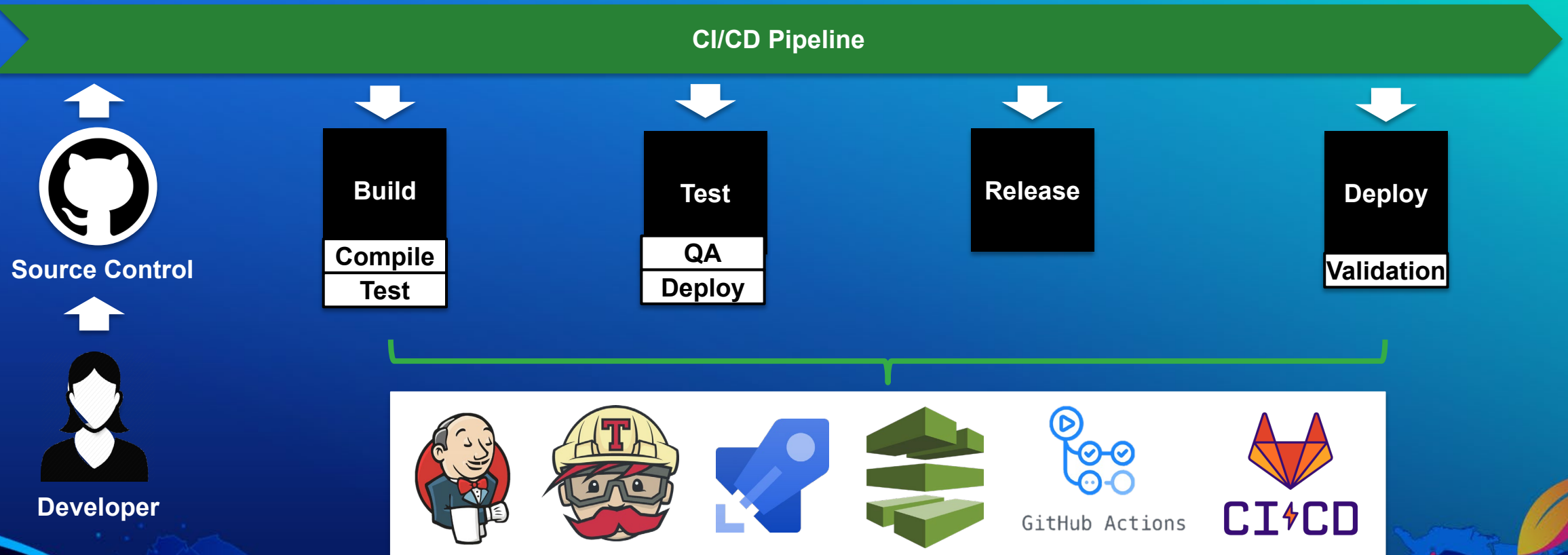
# CI/CD Pipeline



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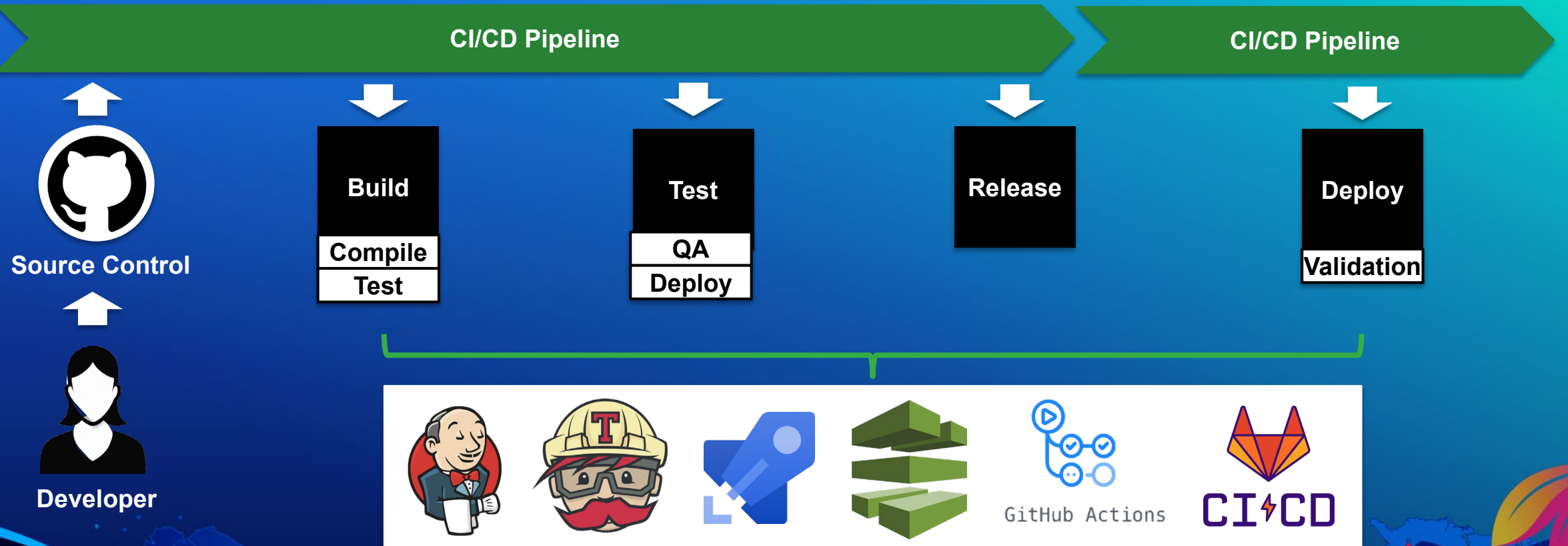


# CI/CD Pipeline





# CI/CD Pipeline



# Pipeline Demos

The background features a dark blue gradient at the top, transitioning into a lighter blue and cyan area on the right. The bottom of the image is filled with a complex, colorful pattern of swirling lines, dots, and abstract shapes in shades of blue, red, yellow, and green, creating a dynamic and artistic effect.

# 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)

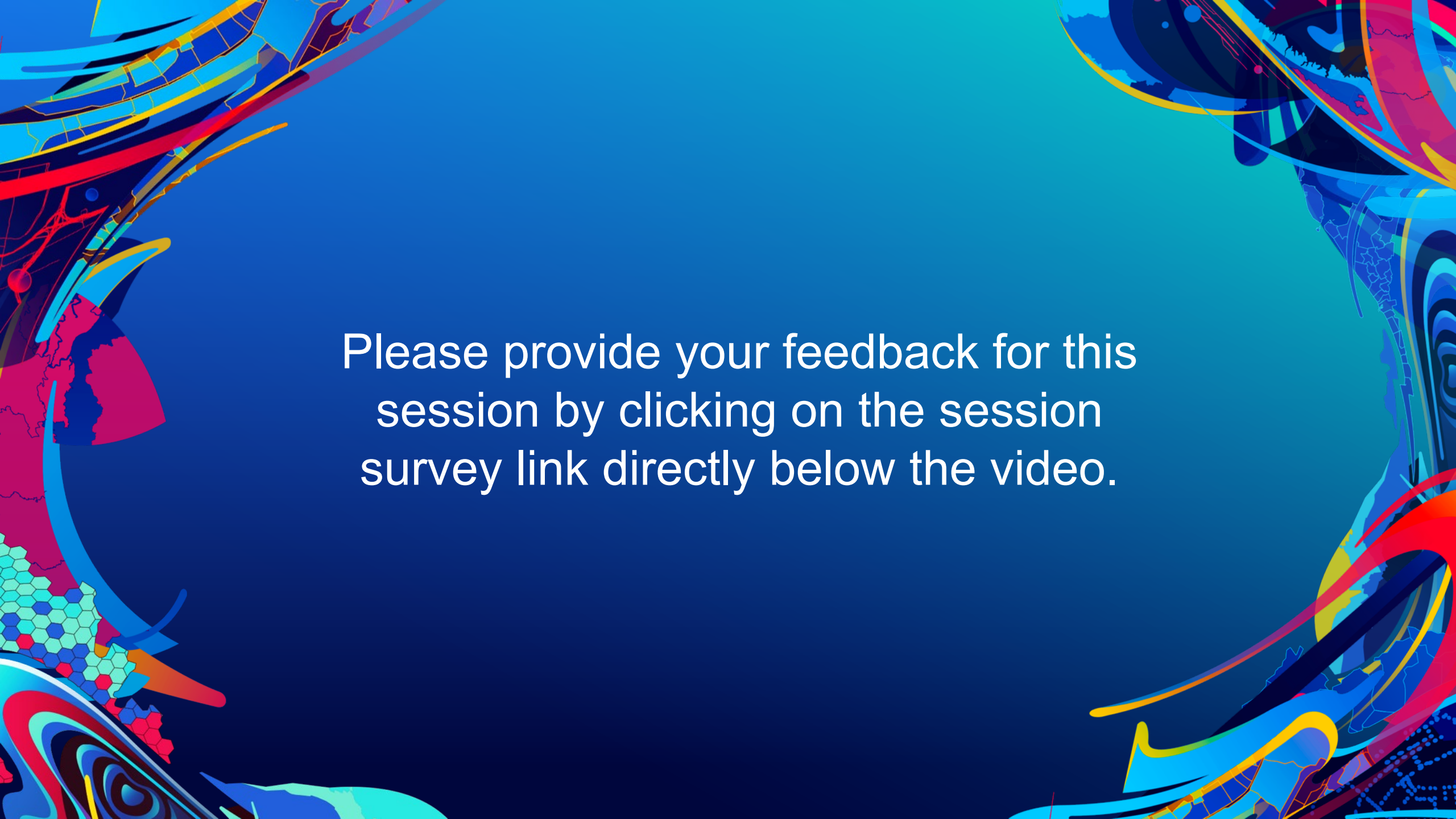
<https://github.com/Esri/enterprise-build-sample-js/tree/deploycopy>





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The background is a vibrant, abstract composition. It features a central area of solid blue and teal. The left and right sides are framed by complex, colorful patterns. On the left, there are swirling shapes in red, yellow, and blue, along with a section of a hexagonal grid in shades of green and blue. On the right, there are more swirling patterns in blue, red, and yellow, with some areas resembling a stylized face or mask. The overall effect is dynamic and modern.

Please provide your feedback for this session by clicking on the session survey link directly below the video.