



AWS
re:Invent

D O P 2 0 2 - R

Implementing GitFlow with AWS Tools

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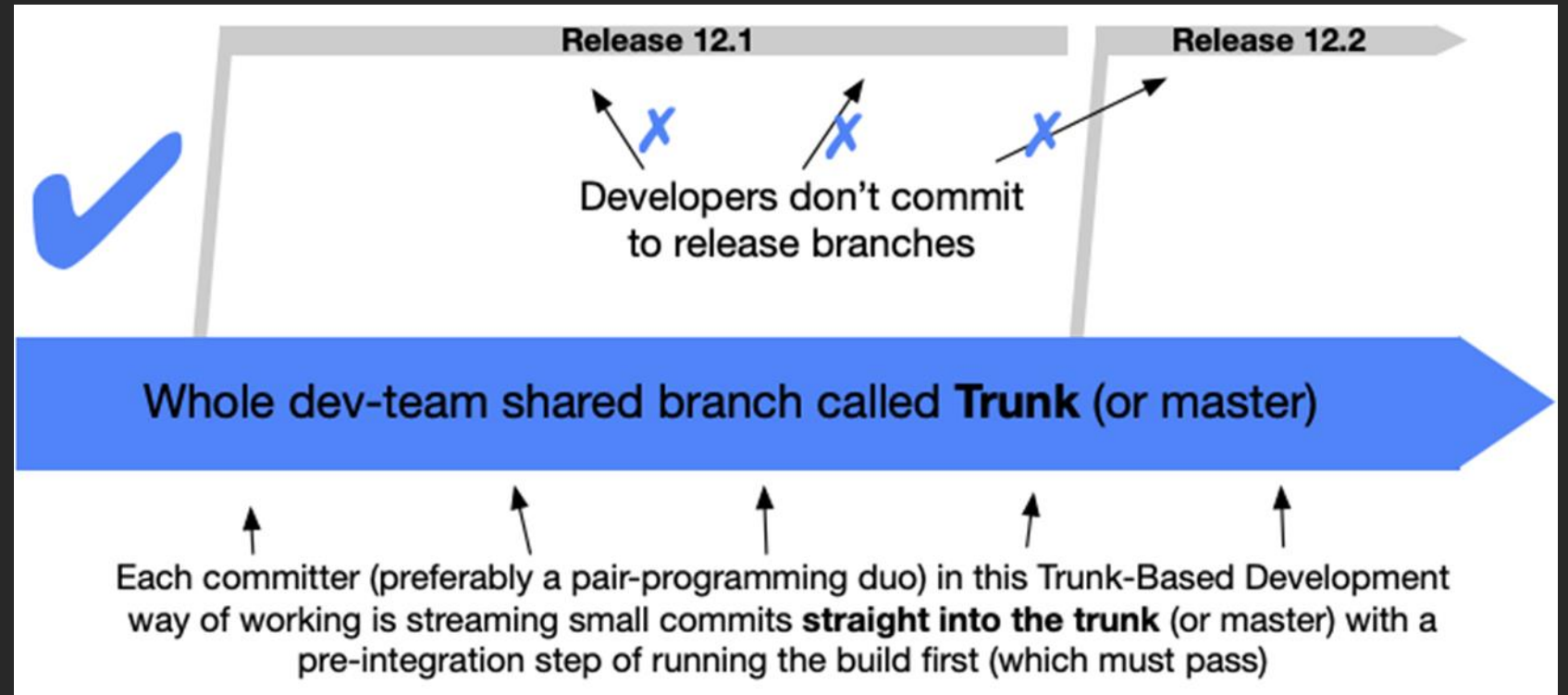
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Amazon Web Services

In this workshop

- Trunk-based vs. feature-based (aka GitFlow) development
- Introduction to AWS Developer Tools
- GitFlow with AWS Developer Tools
- Prerequisites

Trunk-based development

A source-control branching model, where developers collaborating on code in a single branch called “trunk” resist any pressure to create other long-lived development branches by employing documented techniques. They therefore avoid merge hell, do not break the build, and live happily ever after.*



Feature-based aka GitFlow development

Use development as a continuous integration branch

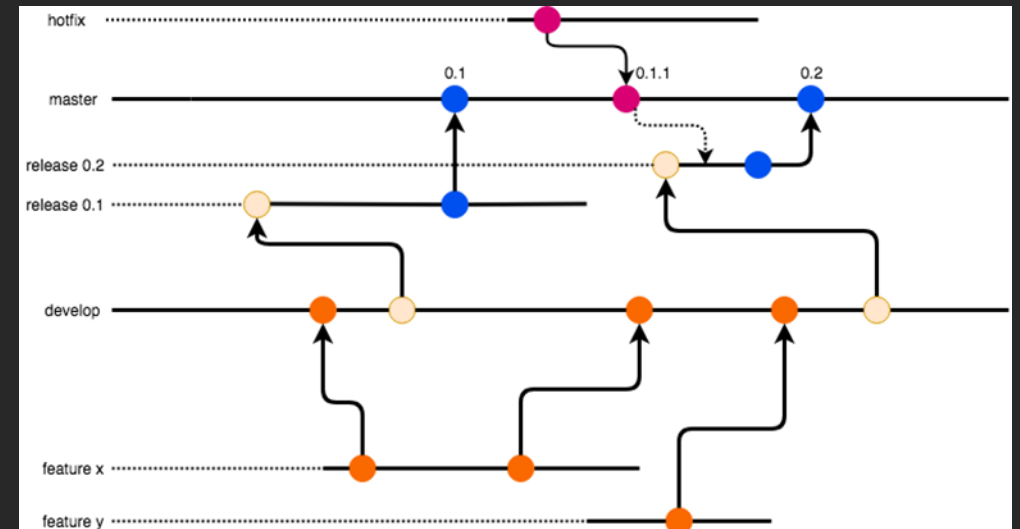
Use feature branches to work on multiple features

Use release branches to work on a particular release (multiple features)

Use hotfix branches off of master to push a hotfix

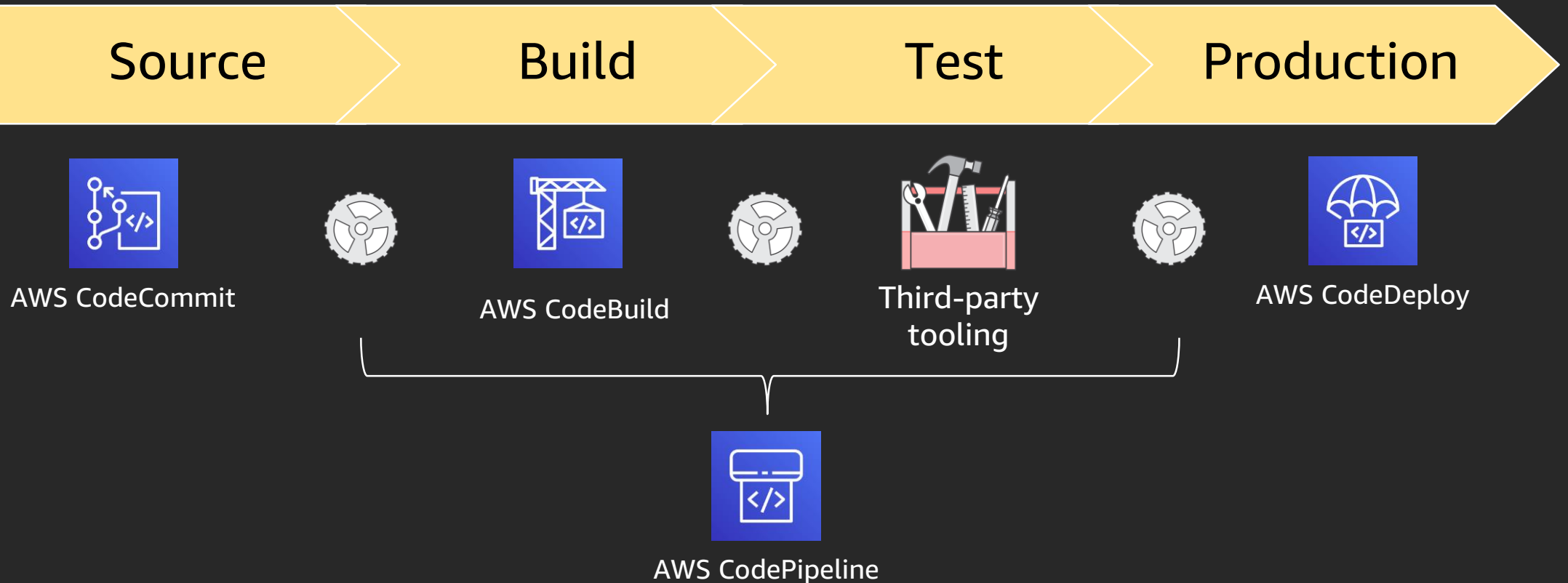
Merge to master after every release

Master contains production-ready code

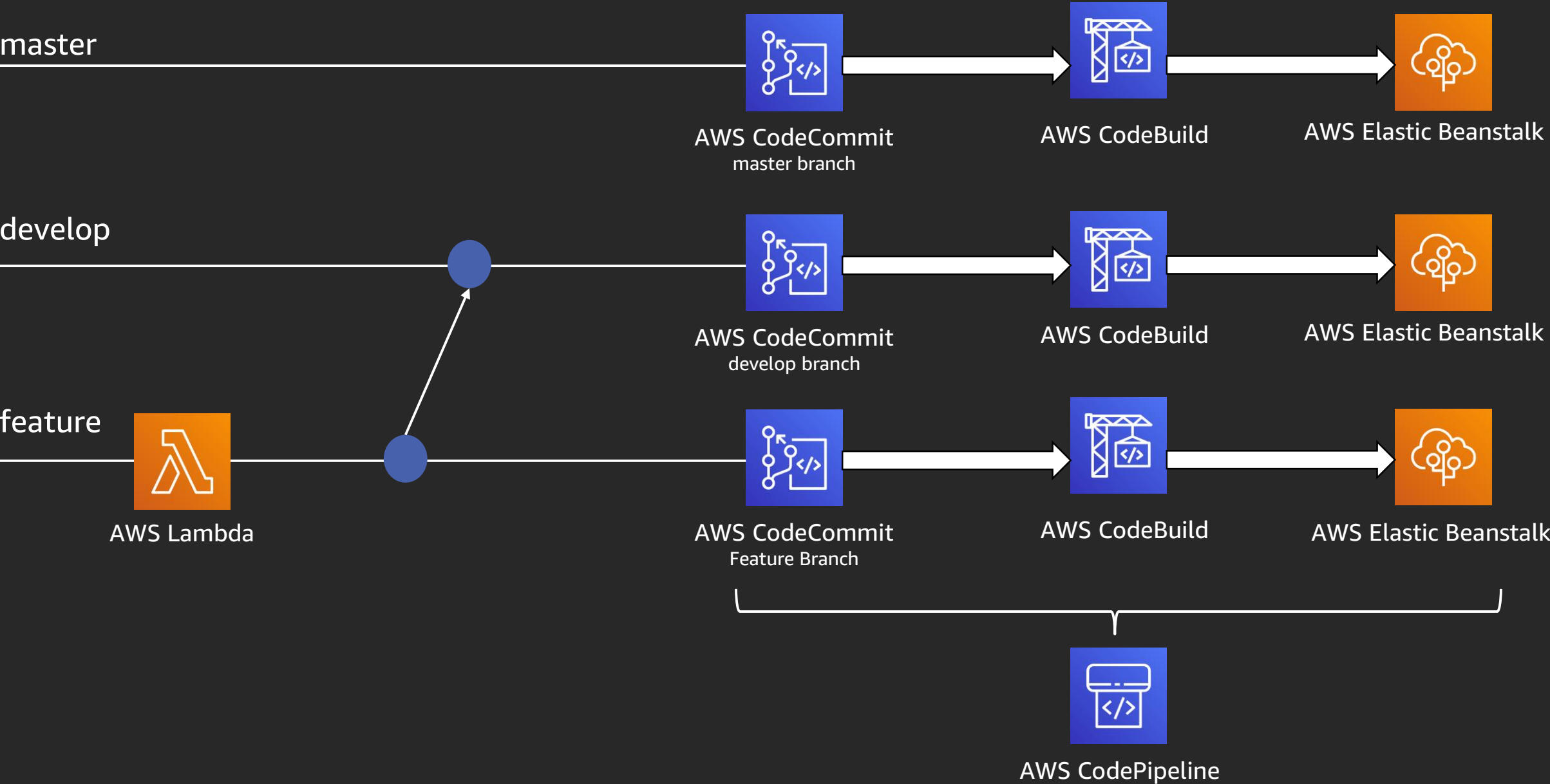


AWS Developer Tools

Software release steps



GitFlow with AWS Developer Tools



Prerequisites

- AWS account
- Use Region: US East (N. Virginia)

Workshop

<https://gitflow-codetools.workshop.aws/>

AWS Event Engine

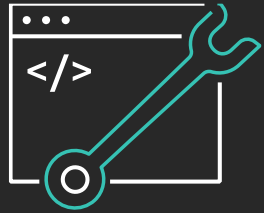
<https://dashboard.eventengine.run/>

Blog post

<https://aws.amazon.com/blogs/devops/implementing-gitflow-using-aws-codepipeline-aws-codecommit-aws-codebuild-and-aws-codedeploy/>

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Thank you!

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