Advance DevOps

Exp 1: AWS Cloud9

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Agenda

Three pillars of software development

Why did we build a new IDE?

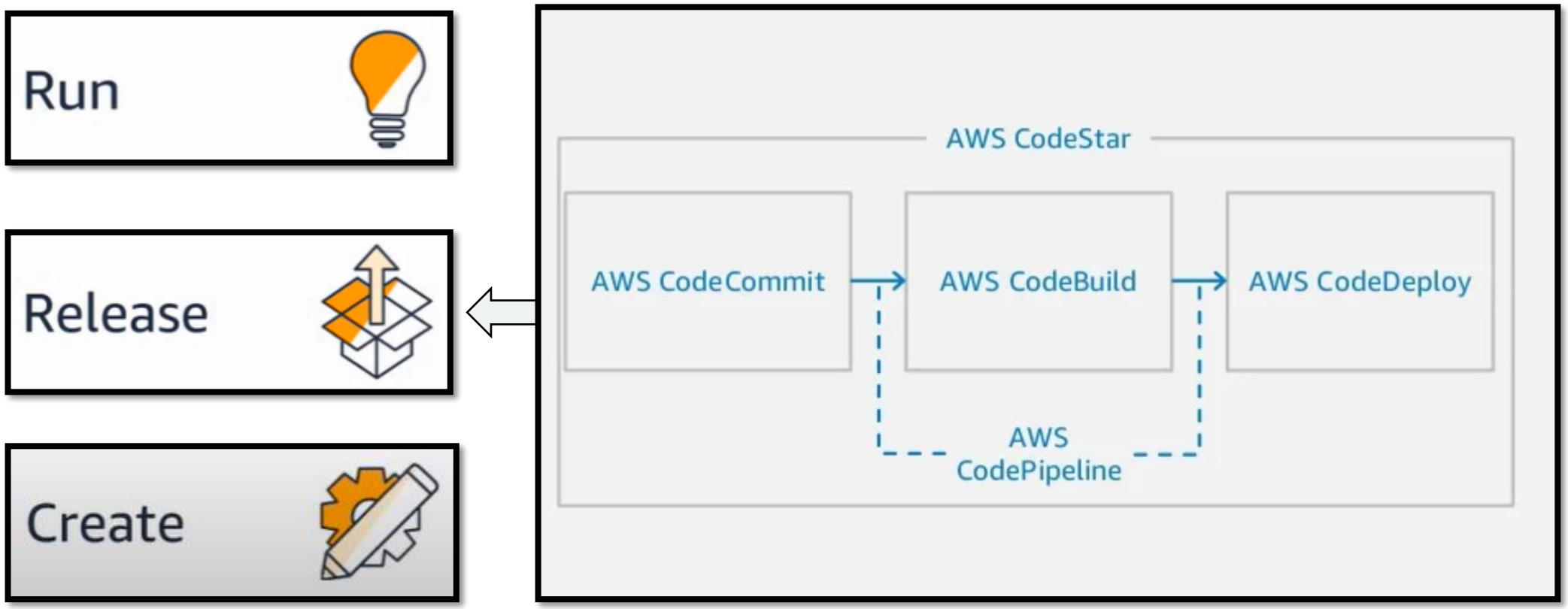
AWS Cloud9 benefits

Demo

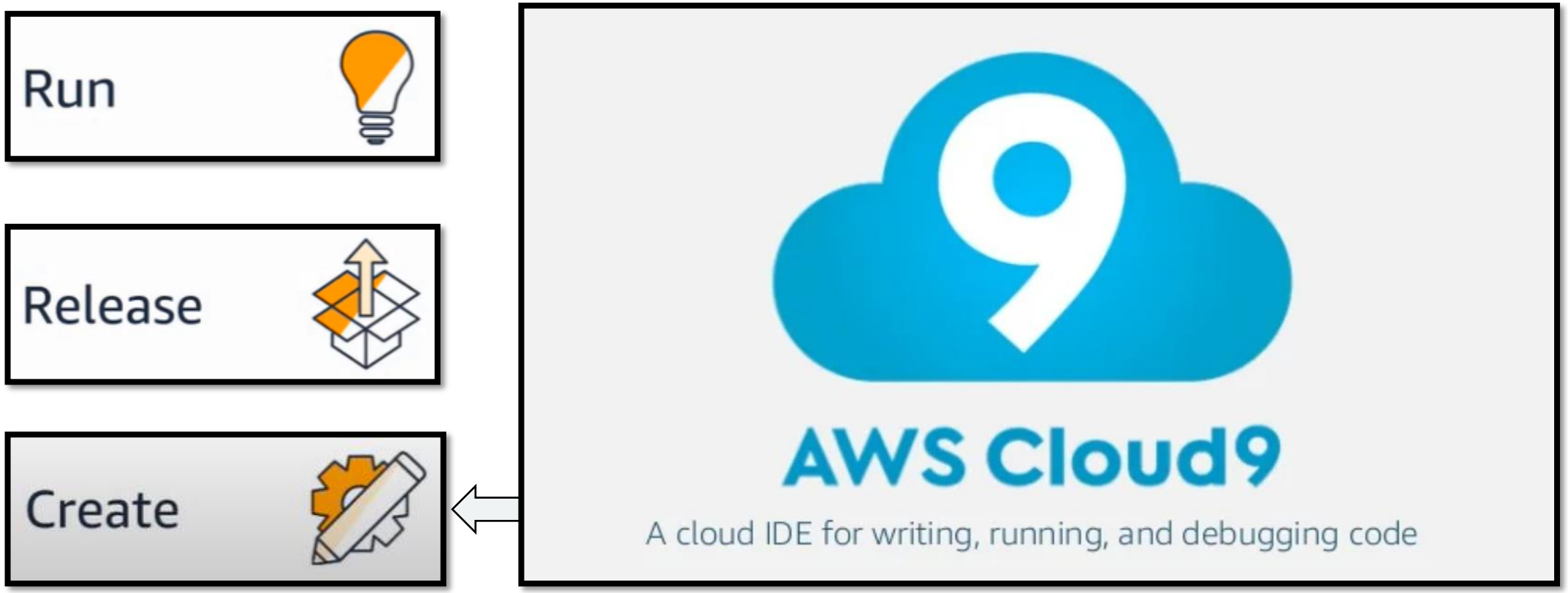
Region Availability

Three pillars of software development

Three pillars of software development



Three pillars of software development



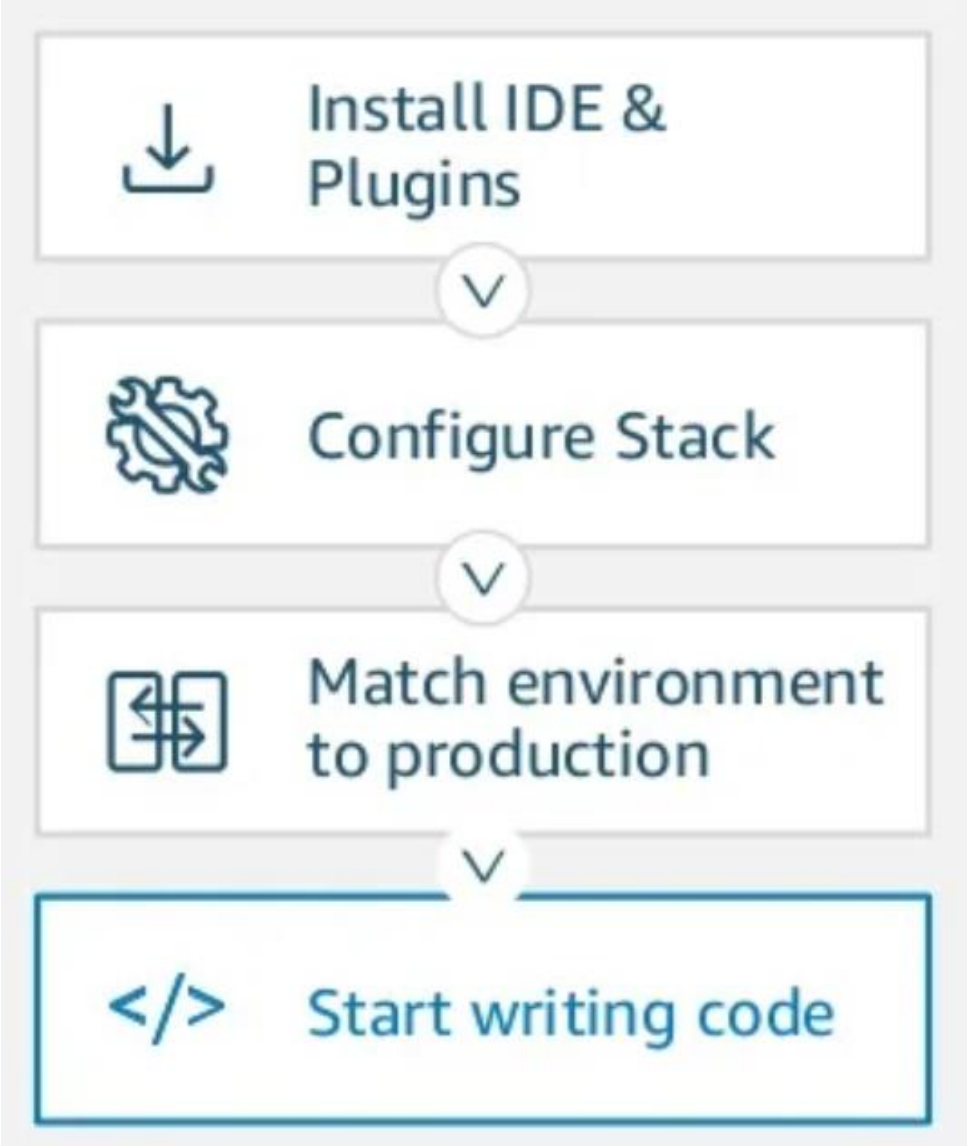
Why did we create a new IDE?

1. Developers are building for the cloud but use local machines

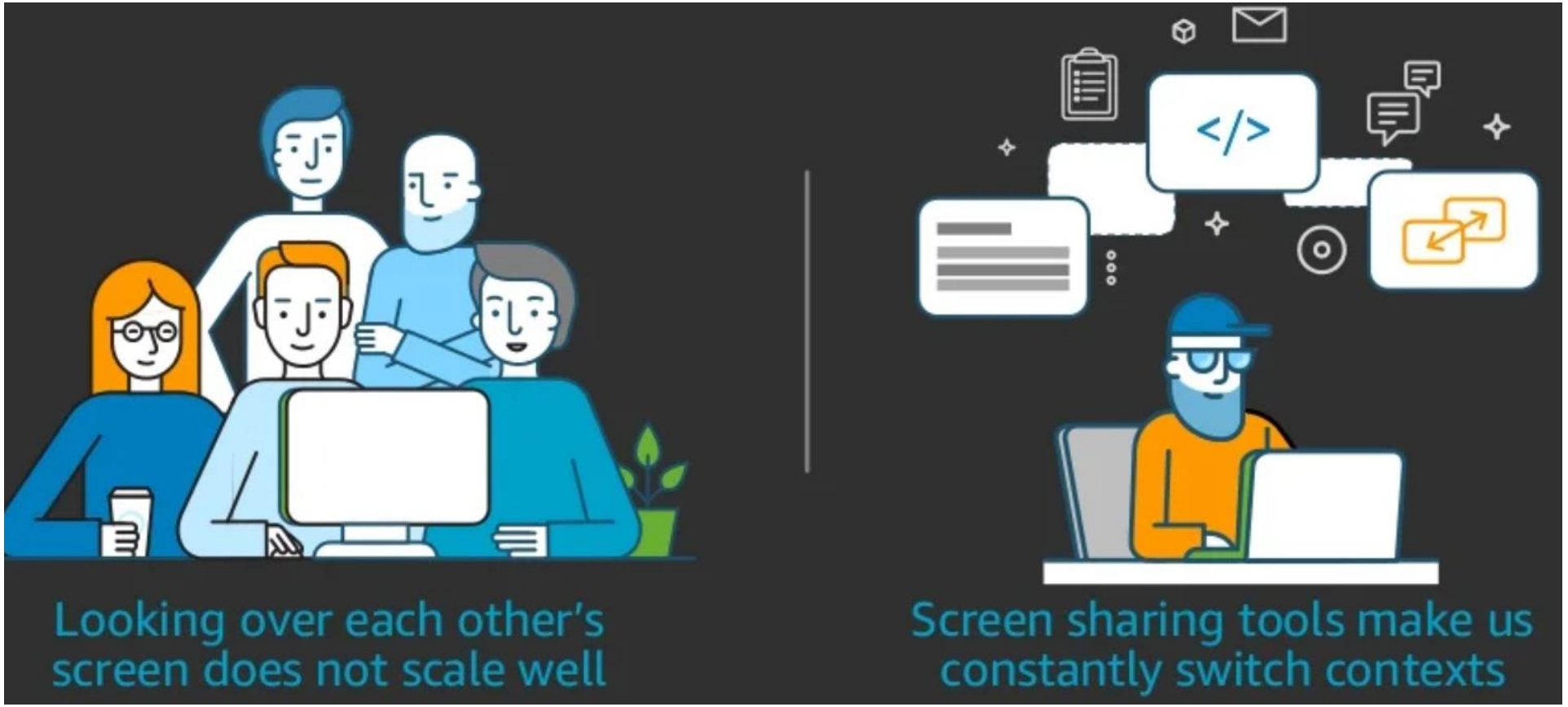
PAIN POINTS

- Rely on local machine's hardware/configuration
- Hard to multitask on various projects
- Difficult to work from multiple locations

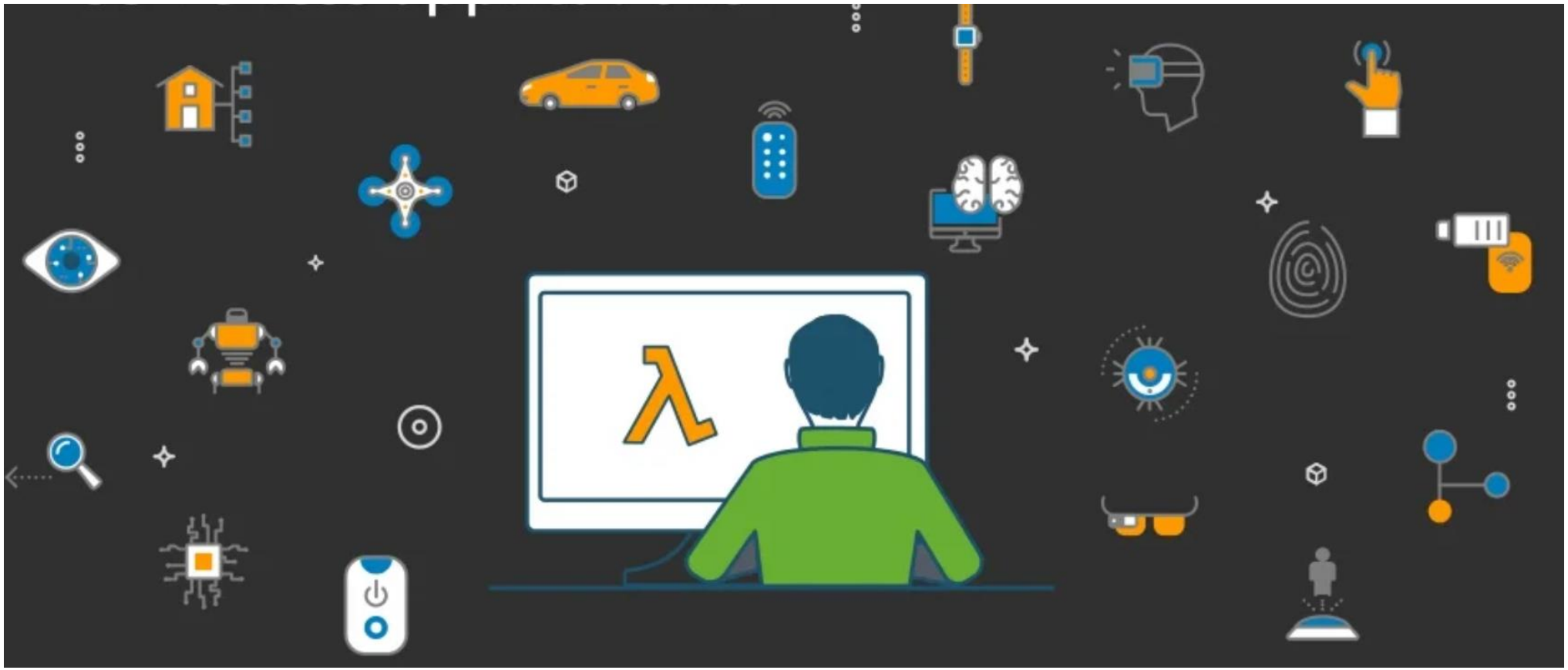
2. Cumbersome to setup development environment



3. Developers need an easy way to collaborate on code



4. IDEs have not caught up to needs of serverless applications



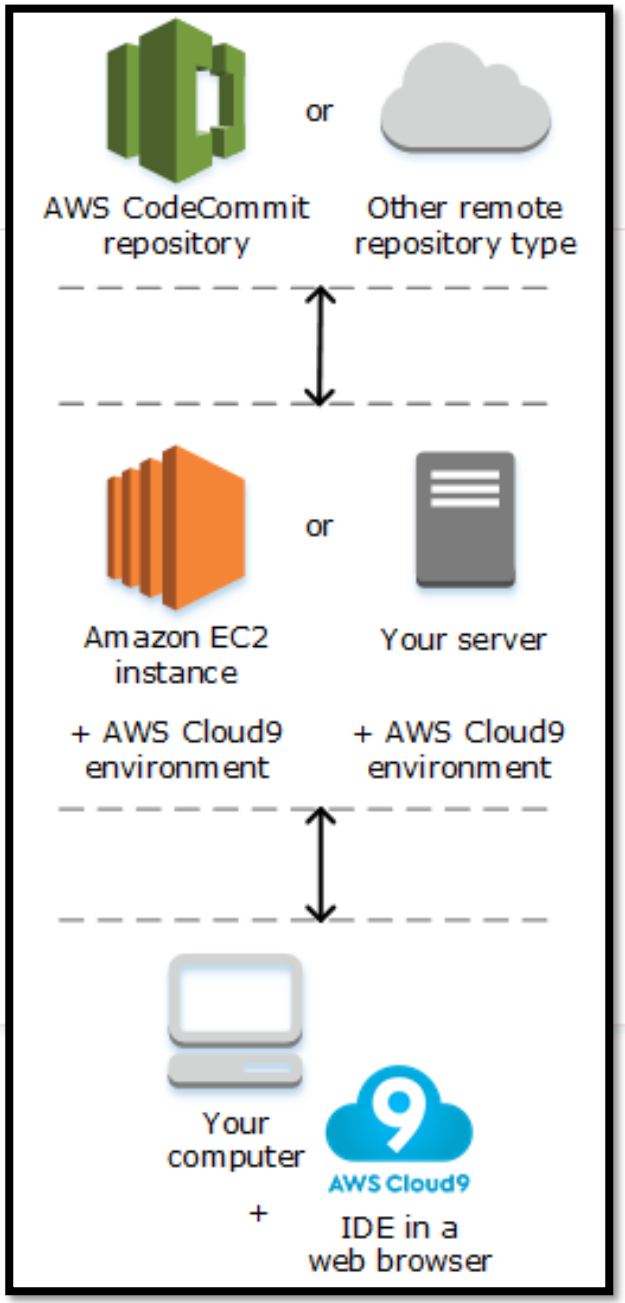
Introducing...

- Code with just a browser
- Start new projects quickly
- Code together in real time
- Build serverless applications with ease
- Direct terminal access to AWS services

AWS Cloud9

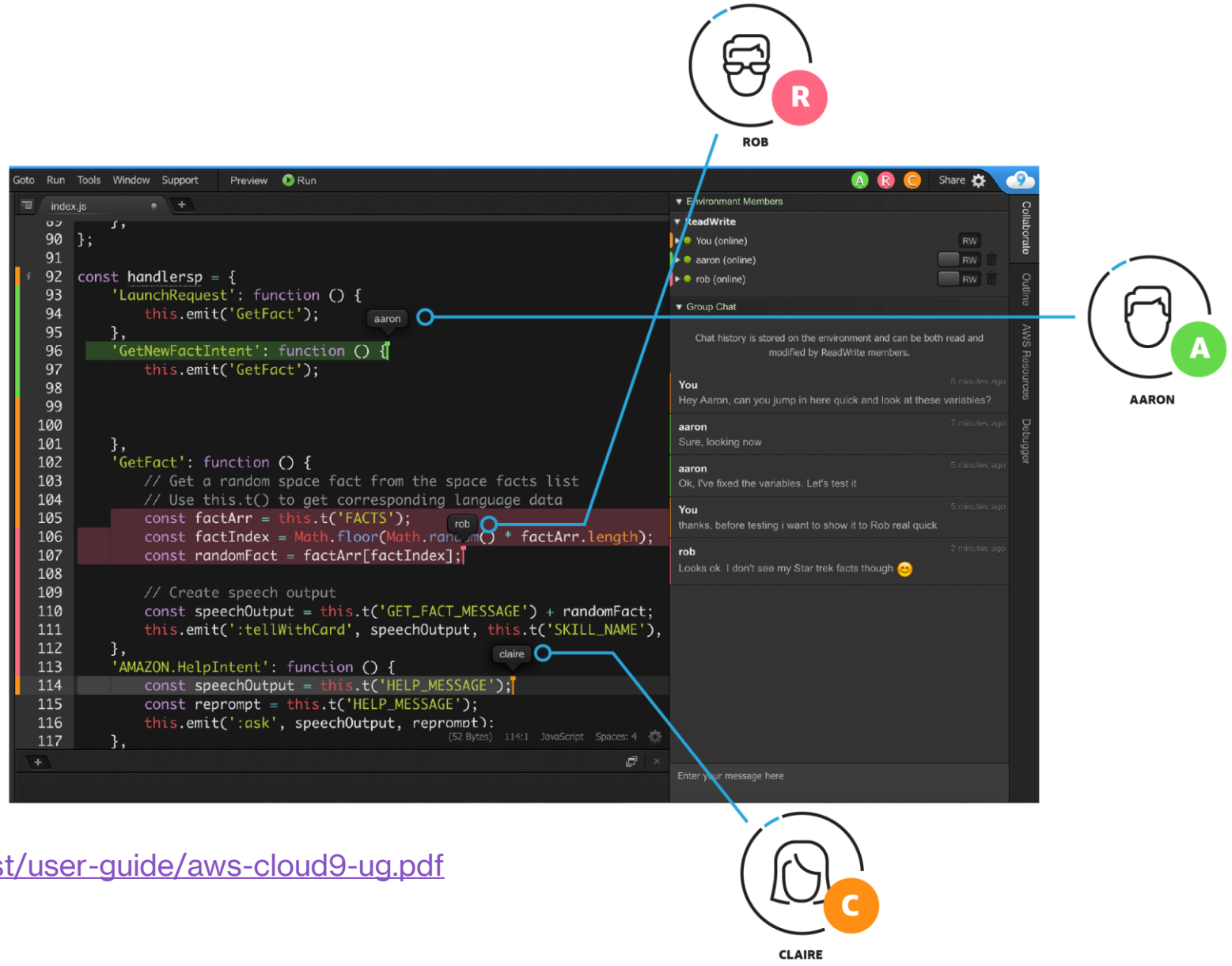
AWS Cloud9

Architecture



AWS Cloud9

DEMO



https://docs.aws.amazon.com/cloud9/latest/user-guide/aws-cloud9-ug.pdf

Thank You!