

AI/ML - Developer Tools - One Pager

Kiosk ID(s): A4

Kiosk Name: Developer Tools

Neighborhood: AI/ML

Event: re:Invent 2025

Date: 1 Dec 2025

Kiosk Lead: beabrian

What is Developer Tools?

Brief Description (2-3 sentences):

We are covering Amazon Q Developer, CodeSuite, AppConfig, Amplify, DeviceFarm, CDK, and CloudFormation

Key Value Proposition:

Host code and quickly and effectively build, test, and deploy your applications with AWS developer tools. Leverage core tools like software development kits (SDKs), code editors, and continuous integration and delivery (CI/CD) services for DevOps software development. Use machine learning (ML)–guided best practices and abstractions to improve agility, security, velocity, and code quality.

When is the Kiosk Enablement Session/“Know Before You Go” scheduled?

21 Nov 2025

Demo Links & Access

	A	B	C	D
1	Demo Name	Description	Storylane Link	Embargo until
2	AWS CodeBuild	need to provision, manage, and scale your own build servers. CodeBuild automatically scales up and down and processes multiple builds concurrently, so your builds don't have to wait to get started.	https://app.storylane.io/share/vtnpuaqqrd6u	NA
3	AWS CloudFormation	gives you a simple, declarative way to create a collection of related AWS and third-party resources, and provision and manage them in an automated and predictable fashion.	https://app.storylane.io/share/a0rkwfcfpdu3	NA
4	AWS Cloud Development Kit (CDK)	CDK is an open-source software development framework for defining cloud infrastructure as code with modern programming languages and deploying it	https://app.storylane.io/share/zdpm1p1ruazh	NA

Offline Versions

<https://riv25.aws.brianbeach.com/offline-demos.zip>

Key Messages & Talking Points

Primary Message:

Host code and quickly and effectively build, test, and deploy your applications with AWS developer tools. Leverage core tools like software development kits (SDKs), code editors, and continuous integration and delivery (CI/CD) services for DevOps software development. Use machine learning (ML)—guided best practices and abstractions to improve agility, security, velocity, and code quality.

Supporting Points:

- Release software faster - Implement CI/CD with the AWS developer tools to accelerate your software development and release cycle.
- Easily integrate with AWS - AWS developer tools are built to work with AWS, making it easier for your team to get set up and be productive.
- Simplify the development process - Define application infrastructure in familiar, easy-to-use programming languages.
- Apply machine learning - Use ML and big data to identify issues and suggest solutions based on Amazon best practices.

AWS Differentiators:

- Minimize downtime - Build highly available applications on a resilient cloud infrastructure and help your teams respond, adapt, and quickly recover from unexpected events.
- Automate CI/CD pipelines - Remove error-prone manual processes and remove the need to babysit software releases. Use software release pipelines that encompass building, testing, and deploying. Seamless
- Increase developer productivity - Manage services, provision resources, and automate development tasks without switching context or leaving your editor.
- Monitor operations - Build an observability dashboard to gain instant and continual insight into your system's operations.

? Common Attendee Questions & Answers

Q: What are Developer Tools?

A: Developer tools are technologies that make software development faster and more efficient. Software development is a complex process of translating real-world objects into mathematical and electronic representations that machines can understand and manipulate. Developer tools act as an interface between the physical reality and computing processes. They include programming languages, frameworks, and platforms that abstract different levels of complexity. This means you can interact with computers more easily and solve more complex problems. Instead of working with hardware components and low-level coding languages, you can work with libraries, APIs, and other abstractions that prioritize business use cases. Developer tools also include software applications, components, and services that simplify the process of coding.

Q: What are the benefits of developer tools?

A: Software teams use developer tools to overcome challenges when writing code, testing programs, deploying applications, and monitoring production releases. With the right development tools, you can reduce time to market, resolve bugs, optimize development workflows, and more. The following are the benefits in detail.

Q: What are some types of developer tools?

A: You use different types of tools to support development workflow. Each tool is often specific to a programming language, platform, or purpose. The following are several common development tools: *Coding, Programming support, DevOps, Software testing*

