

Intro to Amazon Q Developer

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AI Coding Assistants' Adoption

By 2028, 75% of enterprise software engineers will use AI code assistants, up from less than 10% in early 2023.

Gartner® Press Release, Gartner Says 75% of Enterprise Software Engineers Will Use AI Code Assistants by 2028, April 11, 2024, <https://www.gartner.com/en/newsroom/press-releases/2024-04-11-gartner-says-75-percent-of-enterprise-software-engineers-will-use-ai-code-assistants-by-2028>. GARTNER is a registered trademark and service mark of Gartner, Inc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

Amazon Q Developer



Helps developers and IT professionals build faster across the entire software development lifecycle (SDLC)

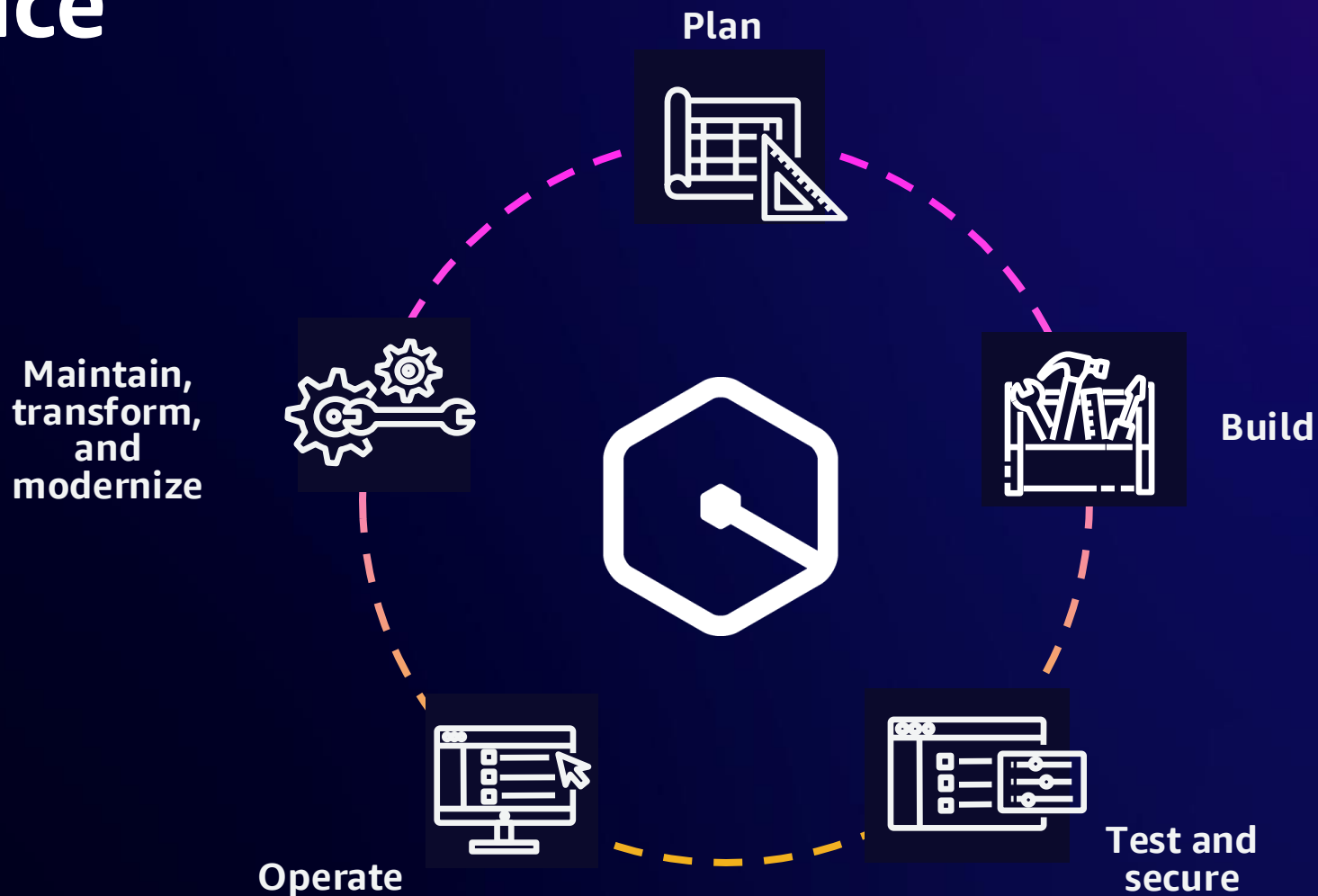
Most accurate coding recommendations

Agents can autonomously help you implement features, refactor code, perform software upgrades and more

Best-in-class security vulnerability scanning and remediation

Amazon Q is built with security and privacy in mind from the start, making it easier for organizations to use generative AI safely.

Amazon Q Developer transforms the development experience



Amazon Q dashboard

METRICS WE TRACK

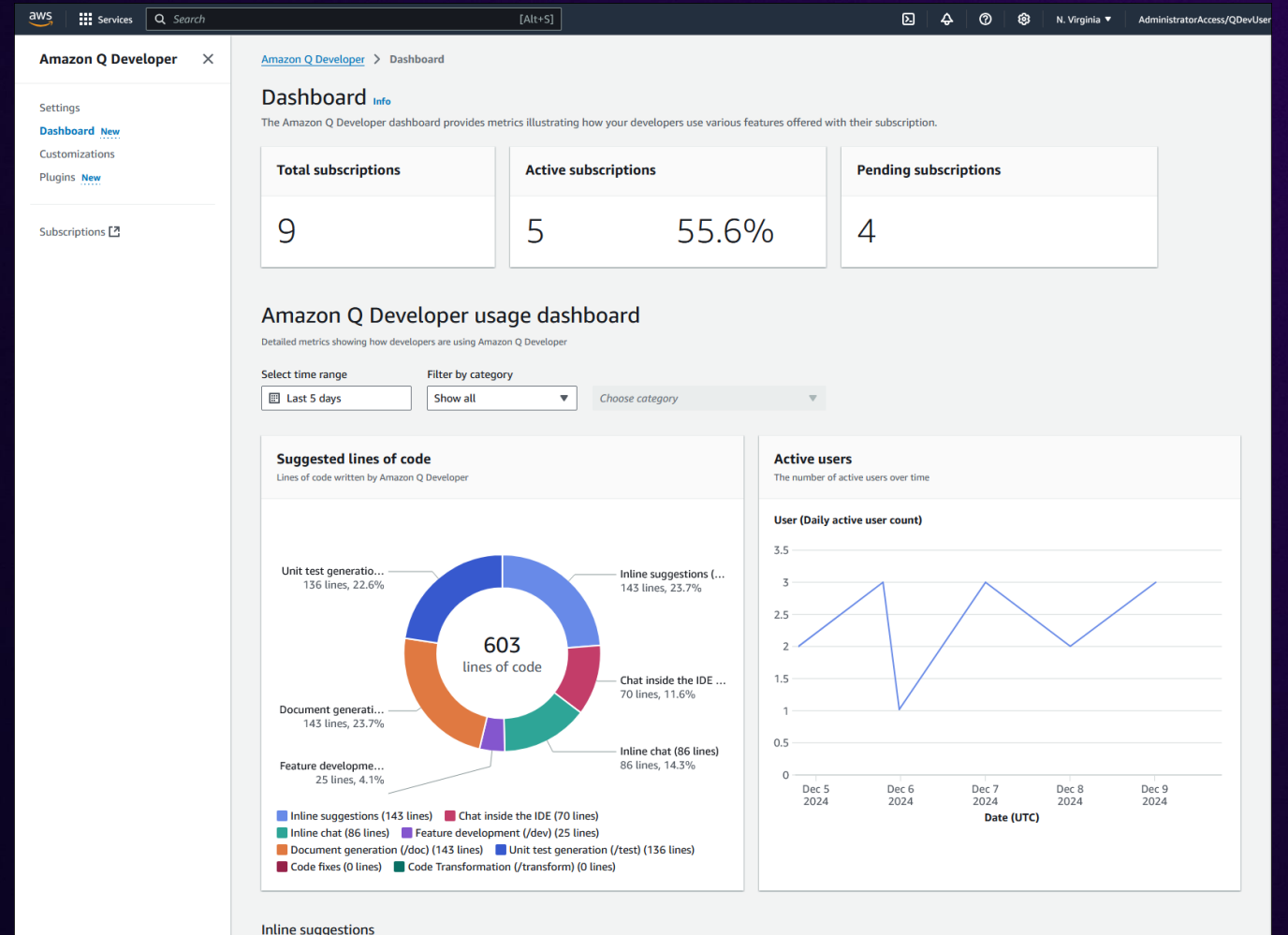
User activity

Lines of code generated

Acceptance rate

Percentage of code written by Amazon Q Developer

Accepted recommendations with references



Recent Updates in Agent Coding from AWS



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Recent Updates on Agentic Coding in CLI and IDE

A lightning fast, new agentic coding experience within the Amazon Q Developer CLI

by Brian Beach | on 06 MAR 2025 | in [Amazon Q](#), [Amazon Q Developer](#), [Announcements](#) | [Permalink](#) | [Share](#)

Earlier today, [Amazon Q Developer](#) announced [an enhanced CLI agent](#) within the [Amazon Q command line interface \(CLI\)](#). With this announcement, Q Developer brings the latest agentic experience to the CLI that provide a more dynamic, interactive coding experience that works with you, and iteratively makes changes based on your feedback. Amazon Q Developer can now use the information in your CLI environment to help you read and write files locally, query AWS resources write code, or automatically debug issues.

Amazon Q Developer elevates the IDE experience with new agentic coding experience

by Elizabeth Fuentes | on 02 MAY 2025 | in [Amazon Q Developer](#), [Announcements](#), [AWS CLI](#), [Developer Tools](#), [Featured](#), [Launch](#), [News](#) | [Permalink](#) | [Comments](#) | [Share](#)

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Voiced by [Amazon Polly](#)

Today, [Amazon Q Developer](#) introduces a new, interactive, agentic coding experience that is now available in the [integrated development environments \(IDE\)](#) for [Visual Studio Code](#). This experience brings interactive coding capabilities, building upon existing prompt-based features. You now have a natural, real-time collaborative partner working alongside you while writing code, creating documentation, running tests, and reviewing changes.

<https://aws.amazon.com/blogs/devops/introducing-the-enhanced-command-line-interface-in-amazon-q-developer/>

<https://aws.amazon.com/blogs/aws/amazon-q-developer-elevates-the-ide-experience-with-new-agentic-coding-experience/>



Latest MCP Support in CLI and Context-Aware IDE

Extend the Amazon Q Developer CLI with Model Context Protocol (MCP) for Richer Context

by Brian Beach | on 29 APR 2025 | in [Amazon Aurora](#), [Amazon Q Developer](#), [Announcements](#), [PostgreSQL compatible](#), [RDS for PostgreSQL](#) | [Permalink](#) | [Share](#)

Earlier today, [Amazon Q Developer](#) announced [Model Context Protocol \(MCP\) support](#) in the command line interface (CLI). Developers can connect external data sources to Amazon Q Developer CLI with MCP support for more context-aware responses. By integrating MCP tools and prompts into Q Developer CLI, you get access to an expansive list of pre-built integrations or any MCP Servers that support `stdio`. This extra context helps Q Developer write more accurate code, understand your data structures, generate appropriate unit tests, create database documentation, and execute precise queries, all without needing to develop custom integration code. By extending Q Developer with MCP tools and prompts, developers can execute development tasks faster, streamlining the developer experience. At AWS, we're committed to supporting popular open source protocols for agents like Model Context Protocol (MCP) proposed by Anthropic. We'll continue to support this effort by extending this functionality within the Amazon Q Developer IDE plugins in the coming weeks.

Use Model Context Protocol with Amazon Q Developer for context-aware IDE workflows

by Ritik Khatwani | on 12 JUN 2025 | in [Amazon Q](#), [Amazon Q Developer](#), [Announcements](#), [Developer Tools](#), [Generative AI](#) | [Permalink](#) | [Share](#)

Earlier today, [Amazon Q Developer](#) announced Model Context Protocol (MCP) support in their Integrated Development Environment (IDE) plugins for Visual Studio Code and JetBrains. This allows developers to connect external tools or MCP servers to Q Developer, enabling more context-aware responses and complex workflows. MCP support has already been available in [Amazon Q Developer for Command Line](#) since April 29, 2025.

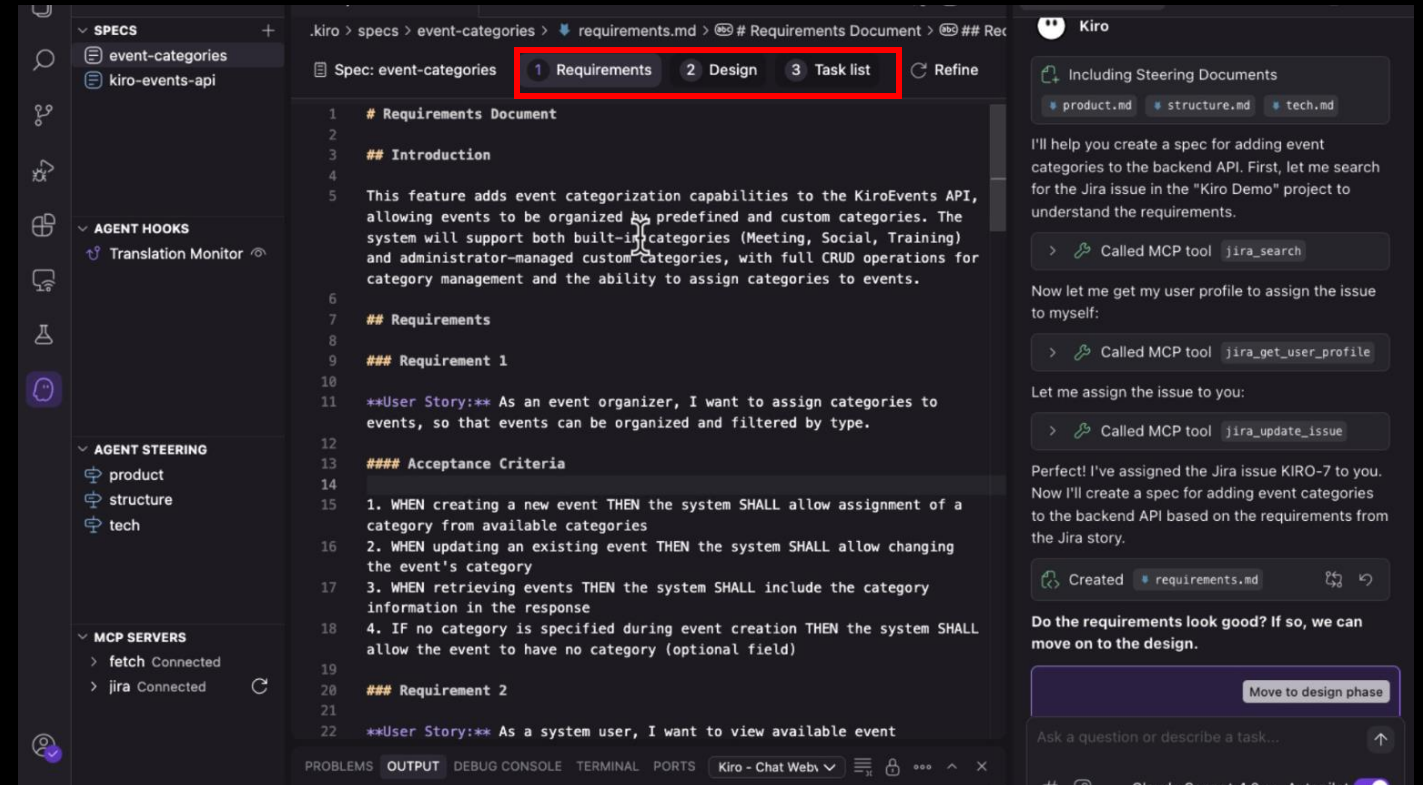
<https://aws.amazon.com/blogs/devops/extend-the-amazon-q-developer-cli-with-mcp/>

<https://aws.amazon.com/blogs/devops/use-model-context-protocol-with-amazon-q-developer-for-context-aware-ide-workflows/>



Kiro with Spec-Driven Development

- Kiro turns your prompt into clear **requirements**, system **design**, and discrete **tasks**
- Iterate with Kiro on your spec and architecture
- Kiro agents implement the spec while keeping you in control



Deployment Options for Q Developer

Free tier



Code faster with code suggestions in the IDE and CLI



Use where you work: Your IDE, CLI, the AWS Management Console, etc.



Limited monthly access of advanced features

Pro tier

(\$19/mo. per user)



Manage users and policies with enterprise access controls



Customize Amazon Q to your code base



High limits of advanced features



Access to Kiro (no wait-list)

Thank you!

Michael Lin

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