

GitLab & Amazon Q Developer for a next-level developer experience

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AWS



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**74% of organizations using AI
for software development
report the desire to consolidate
their toolchain.**

GitLab Global DevSecOps Report 2024



Combine the most comprehensive AI-powered DevSecOps platform with the deepest set of cloud computing capabilities and AI agents



Deliver a secure, resilient, and highly available experience that accelerates every step of the software development lifecycle

GitLab Duo⁺ with Amazon Q

Available for GitLab Self Managed
Ultimate customers



Transforming software development with autonomous AI agents that:



Streamline software development

Plan and develop a feature from idea to merge request



Optimize your code

Generate unit tests from a merge request



Maximize quality and security

Get AI-driven quality and security code reviews



Modernize your code

Transform legacy Java 8 or 11 applications to Java 17 in minutes instead of weeks

Idea to merge request



Agentic-driven development starting from an issue with requirements to a merge request, ready for review



Faster feature implementation cycles



More consistent code quality



Reduced time from idea to production



Improved developer productivity

Project

M micro-frontend

📌 Pinned ▾

Issues 0

Merge requests 0

👤 Manage >

📅 Plan >

</> Code >

🚀 Build >

🛡️ Secure >

🚀 Deploy >

🔧 Operate >

🖥️ Monitor >

📊 Analyze >

⚙️ Settings >

M micro-frontend 🔒

🔑 🔔 ▾ ☆ Star 0 🍴 Fork 0 ⋮

🔗 main ▾ micro-frontend / + ▾

History

Find file

Edit ▾

Code ▾



Initial commit from Create Next App

Kyle authored 1 minute ago



5e478571



Name	Last commit	Last update
📁 public	Initial commit from Create Next ...	1 minute ago
📁 src/app	Initial commit from Create Next ...	1 minute ago
🔗 .eslintrc.json	Initial commit from Create Next ...	1 minute ago
🔗 .gitignore	Initial commit from Create Next ...	1 minute ago
📄 README.md	Initial commit from Create Next ...	1 minute ago
📄 next.config.ts	Initial commit from Create Next ...	1 minute ago
📄 package-lock.json	Initial commit from Create Next ...	1 minute ago
📄 package.json	Initial commit from Create Next ...	1 minute ago
📄 postcss.config.mjs	Initial commit from Create Next ...	1 minute ago
📄 tailwind.config.ts	Initial commit from Create Next ...	1 minute ago
📄 tsconfig.json	Initial commit from Create Next ...	1 minute ago

📄 README.md

This is a [Next.js](#) project bootstrapped with [create-next-app](#).

Getting Started

Project information

🔗 1 Commit

🔗 1 Branch

🔗 0 Tags

📄 199 KiB Project Storage

📄 README

⚙️ Auto DevOps enabled

+ [Add LICENSE](#)

+ [Add CHANGELOG](#)

+ [Add CONTRIBUTING](#)

+ [Add Kubernetes cluster](#)

+ [Add Wiki](#)

+ [Configure Integrations](#)

Created on

November 17, 2024

Java application modernization



Transform legacy Java 8 or 11 applications to Java 17 in minutes instead of weeks. This automated process analyzes your codebase, creates an upgrade plan, and generates ready-to-review merge requests while maintaining full traceability.



- ⌚ Reduce Java upgrade time from weeks to minutes
- ⚠ Minimize risk through automated analysis and changes
- 🎯 Maintain application performance during upgrade
- 📄 Clear documentation of all transformations



17 19

Project

 Pinned

Issues 0

Merge requests 6

 Manage >

Plan

Issues 0

Issue boards

Milestones

Iterations

Wiki

Requirements

</> Code >

 Build >

Secure >

Deploy >

 Operate >

 Monitor >

1.1.1 Analyze >

 Settings Admin

Title (required)

Upgrade Project to Java 17

Type ?

Issue

Description

Preview B I S | = </> ∞ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡ ≡

Write a description or drag your files here...

Switch to rich text editing

Add [description templates](#) to help your contributors to communicate effectively!

☐ This issue is confidential and should only be visible to team members with at least Reporter access.

Assignees

Unassigned

Assign to me

Epic

Select epic

Milestone

Select milestone

Labels

Select label

Weight

Enter a number

Due date

Select due date

Iteration

Select iteration

AI-driven code reviews



Intelligent AI-driven quality, performance, and security code reviews on merge requests. Generate fixes for findings directly from the merge request.




Faster code review cycles



Higher-quality code merges




Reduced time to deployment

 Open **Update file UserHandler.java** `ft-user-handler` into `main`

Overview 0 Commits 1 Pipelines 1 Changes 1

Add a to-do item

 **Ready to merge!**

☒ Delete source branch ☐ Squash commits  ☐ Edit commit message

1 commit and 1 merge commit will be added to main.

Set to auto-merge 

Merge when all merge checks pass 

Activity

All activity 




Preview **B** *I*             

Write a comment or drag your files here...

Switch to rich text editing



☐ Make this an internal note 

Comment 

Close merge request

0 Assignees

Edit

None - assign yourself

0 Reviewers

Edit

None - assign yourself

Labels

Edit

None

Milestone

Edit

None

Time tracking

 +

No estimate or time spent

1 Participant



Get started

GitLab Duo with Amazon Q is available for
Self Managed Ultimate customers



<https://about.gitlab.com/aws>

Thank you!

