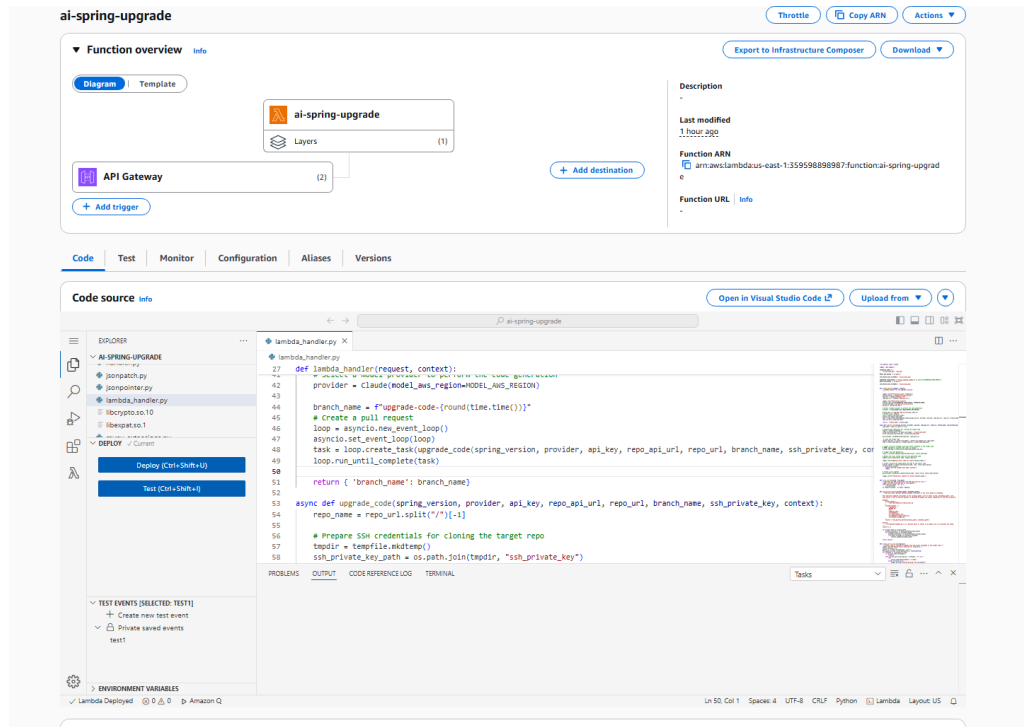
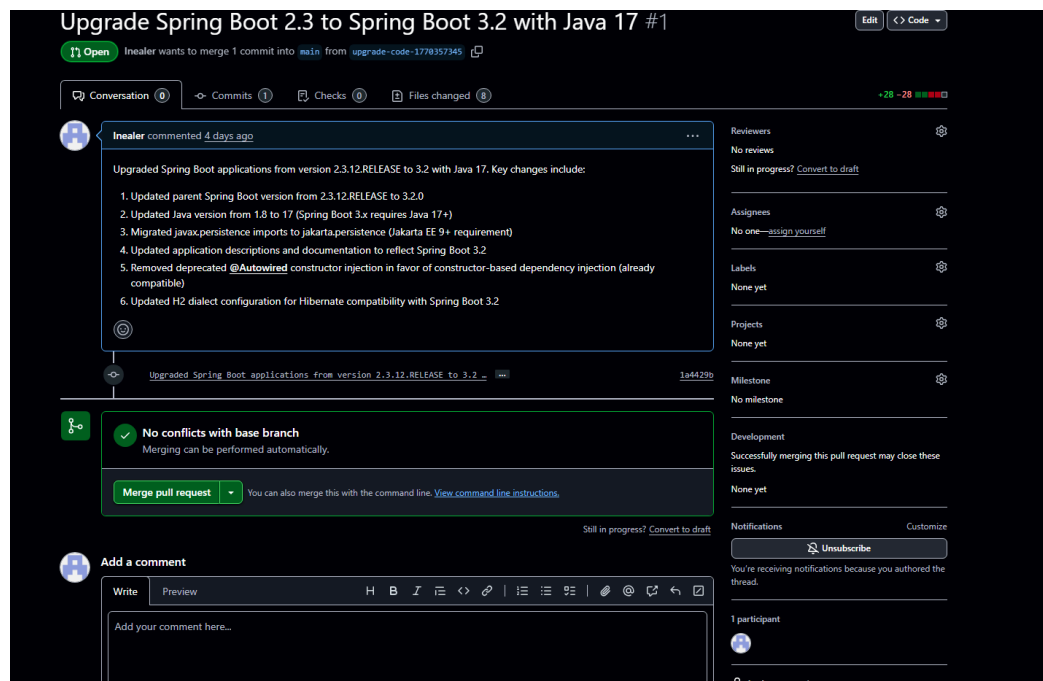


Lambda function:

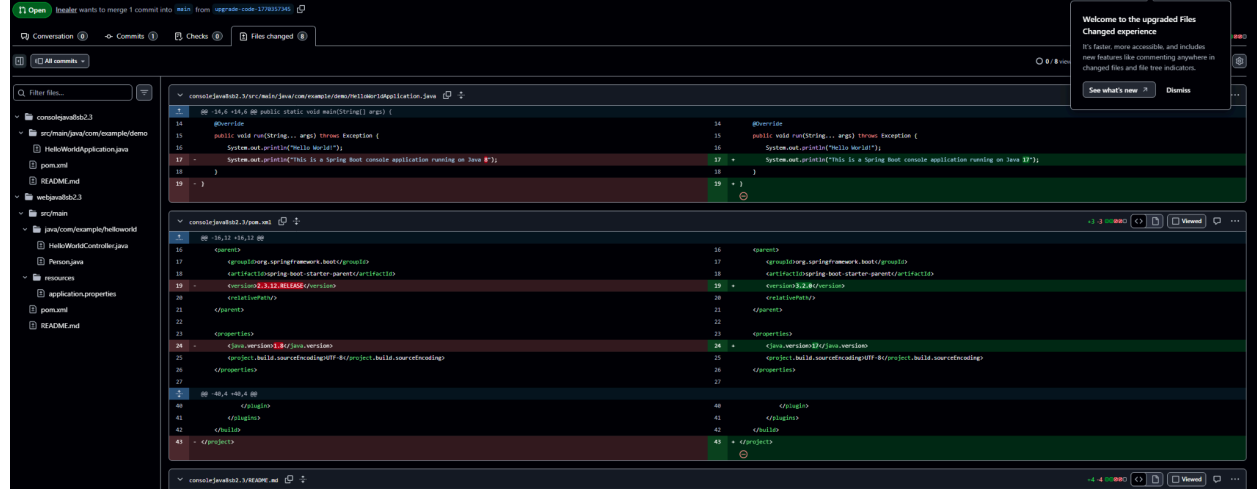


The lambda function creates a Github PR for the given repo:



Code changes:

Upgrade Spring Boot 2.3 to Spring Boot 3.2 with Java 17 #1



CloudWatch > Log management > /aws/lambda/ai-spring-upgrade > 2026/02/10/[LATEST]e1993ce8b62543c18123ad1d9c6ef55	
CloudWatch	Log events
Favorites and recents	You can use the filter bar below to search for and match terms, phrases, or values in your log events. Learn more about filter patterns
Ingestion	Filter events - press enter to search
Dashboards	
Alarms	
AI Operations	
GenAI Observability	
Model Invocations	
Bedrock AgentCore	
Application Signals (APM)	
Services	
Application Map	
Transaction Search	
Service Level Objectives (SLO)	
Synthetics Canaries	
RUM	
Traces	
Trace Map	
Application Insights	
Infrastructure Monitoring	
Container Insights	
Database Insights	
Lambda Insights	
EC2 Resource Health	
Logs	
Log Management	
Log Anomalies	
Live Tail	
Logs Insights	
Contributor Insights	
Metrics	
Network Monitoring	
Setup	
Timestamp	Message
2026-02-10T17:16:15.246Z	[INFO] 2026-02-10T17:16:15.246Z e0f772f2-d177-4788-9323-526aa2826fab Writing to /tmp/tmphnt637fy/ssh_private_key
2026-02-10T17:16:15.246Z	[INFO] 2026-02-10T17:16:15.246Z e0f772f2-d177-4788-9323-526aa2826fab Updated source code for branch upgrade-code-1770743754.
2026-02-10T17:16:15.714Z	[INFO] 2026-02-10T17:16:15.714Z e0f772f2-d177-4788-9323-526aa2826fab Source code has been modified, committing changes to branch upgrade-code-1770743754
2026-02-10T17:16:16.235Z	[INFO] 2026-02-10T17:16:16.235Z e0f772f2-d177-4788-9323-526aa2826fab Pushing branch upgrade-code-1770743754
2026-02-10T17:16:18.090Z	[INFO] 2026-02-10T17:16:18.090Z e0f772f2-d177-4788-9323-526aa2826fab Pull request created (https://github.com/inealer/ai-spring-upgrade/pull/19)
2026-02-10T17:16:18.093Z	[INFO] 2026-02-10T17:16:18.093Z e0f772f2-d177-4788-9323-526aa2826fab Created pull request for branch upgrade-code-1770743754.
2026-02-10T17:16:18.101Z	END RequestId: e0f772f2-d177-4788-9323-526aa2826fab
2026-02-10T17:16:18.101Z	REPORT RequestId: e0f772f2-d177-4788-9323-526aa2826fab Duration: 24996.60 ms Billed Duration: 24997 ms Memory Size: 512 MB Max Memory Used: 491 MB
2026-02-10T17:16:41.585Z	START RequestId: 4d665179-d7fc-4ae5-b98f-cdd63a00444 Version: SLATEST
2026-02-10T17:16:41.585Z	[INFO] 2026-02-10T17:16:41.585Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Processing event: {'github_url': 'git@github.com:inealer/ai-spring-upgrade.git', 'spring_version': 'Spring boot 3.2.', 'i
2026-02-10T17:16:41.585Z	[INFO] 2026-02-10T17:16:41.585Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Retrieving config
2026-02-10T17:16:41.936Z	[INFO] 2026-02-10T17:16:41.936Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Initializing Claude with model_id: global.anthropic.claude-haiku-4-5-20251001-v1:0 and region: us-east-1
2026-02-10T17:16:42.238Z	[INFO] 2026-02-10T17:16:42.238Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Initialized Claude
2026-02-10T17:16:42.251Z	[INFO] 2026-02-10T17:16:42.251Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing SSH key to /tmp/tmphnt637fy/ssh_private_key
2026-02-10T17:16:42.251Z	[INFO] 2026-02-10T17:16:42.251Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Cloning repo git@github.com:inealer/ai-spring-upgrade.git to /tmp/tmphnt637fy/4d665179-d7fc-4ae5-b98f-cdd63a00444/ai-spring-upgrade
2026-02-10T17:16:47.094Z	[INFO] 2026-02-10T17:16:47.094Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Creating source code nap for /tmp/tmphnt637fy/4d665179-d7fc-4ae5-b98f-cdd63a00444/ai-spring-upgrade
2026-02-10T17:16:47.095Z	[WARNING] 2026-02-10T17:16:47.095Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Failed parsing file /tmp/tmphnt637fy/4d665179-d7fc-4ae5-b98f-cdd63a00444/ai-spring-upgrade/screenshots/Screenshots
2026-02-10T17:16:47.275Z	[WARNING] 2026-02-10T17:16:47.275Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Failed parsing file /tmp/tmphnt637fy/4d665179-d7fc-4ae5-b98f-cdd63a00444/ai-spring-upgrade/python/recipe_builder
2026-02-10T17:16:47.291Z	[INFO] 2026-02-10T17:16:47.291Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Creating prompt for model
2026-02-10T17:16:47.291Z	[INFO] 2026-02-10T17:16:47.291Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Prompt: Human: You are a code upgrading assistant for Spring and Spring boot. You will upgrade the provided sour
2026-02-10T17:16:47.293Z	[INFO] 2026-02-10T17:16:47.293Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Using Bedrock Invoke API to generate response
2026-02-10T17:17:04.671Z	[INFO] 2026-02-10T17:17:04.671Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Raw response from GenAI: code=[updatedCode(filename='consolejava8b2.3/pom.xml', code='<?xml version="1.0" encod
2026-02-10T17:17:04.671Z	[INFO] 2026-02-10T17:17:04.671Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Updating source code in /tmp/tmphnt637fy/4d665179-d7fc-4ae5-b98f-cdd63a00444/ai-spring-upgrade
2026-02-10T17:17:04.671Z	[INFO] 2026-02-10T17:17:04.671Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing to consolejava8b2.3/pom.xml
2026-02-10T17:17:04.672Z	[INFO] 2026-02-10T17:17:04.672Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing to consolejava8b2.3/README.md
2026-02-10T17:17:04.672Z	[INFO] 2026-02-10T17:17:04.672Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing to consolejava8b2.3/src/main/java/com/example/demo/HelloWorldApplication.java
2026-02-10T17:17:04.672Z	[INFO] 2026-02-10T17:17:04.672Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing to consolejava8b2.3/src/main/java/com/example/helloworld/HelloWorldController.java
2026-02-10T17:17:04.672Z	[INFO] 2026-02-10T17:17:04.672Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Writing to consolejava8b2.3/src/main/java/com/example/helloworld/Person.java
2026-02-10T17:17:04.673Z	[INFO] 2026-02-10T17:17:04.673Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Updated source code for branch upgrade-code-1770743802.
2026-02-10T17:17:05.193Z	[INFO] 2026-02-10T17:17:05.193Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Source code has been modified, committing changes to branch upgrade-code-1770743802
2026-02-10T17:17:05.687Z	[INFO] 2026-02-10T17:17:05.687Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Pushing branch upgrade-code-1770743802
2026-02-10T17:17:07.372Z	[INFO] 2026-02-10T17:17:07.372Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Pull request created (https://github.com/inealer/ai-spring-upgrade/pull/20)
2026-02-10T17:17:07.374Z	[INFO] 2026-02-10T17:17:07.374Z 4d665179-d7fc-4ae5-b98f-cdd63a00444 Created pull request for branch upgrade-code-1770743802.
2026-02-10T17:17:07.393Z	END RequestId: 4d665179-d7fc-4ae5-b98f-cdd63a00444
2026-02-10T17:17:07.393Z	REPORT RequestId: 4d665179-d7fc-4ae5-b98f-cdd63a00444 Duration: 25806.37 ms Billed Duration: 25807 ms Memory Size: 512 MB Max Memory Used: 498 MB

Logs go to cloudwatch:

