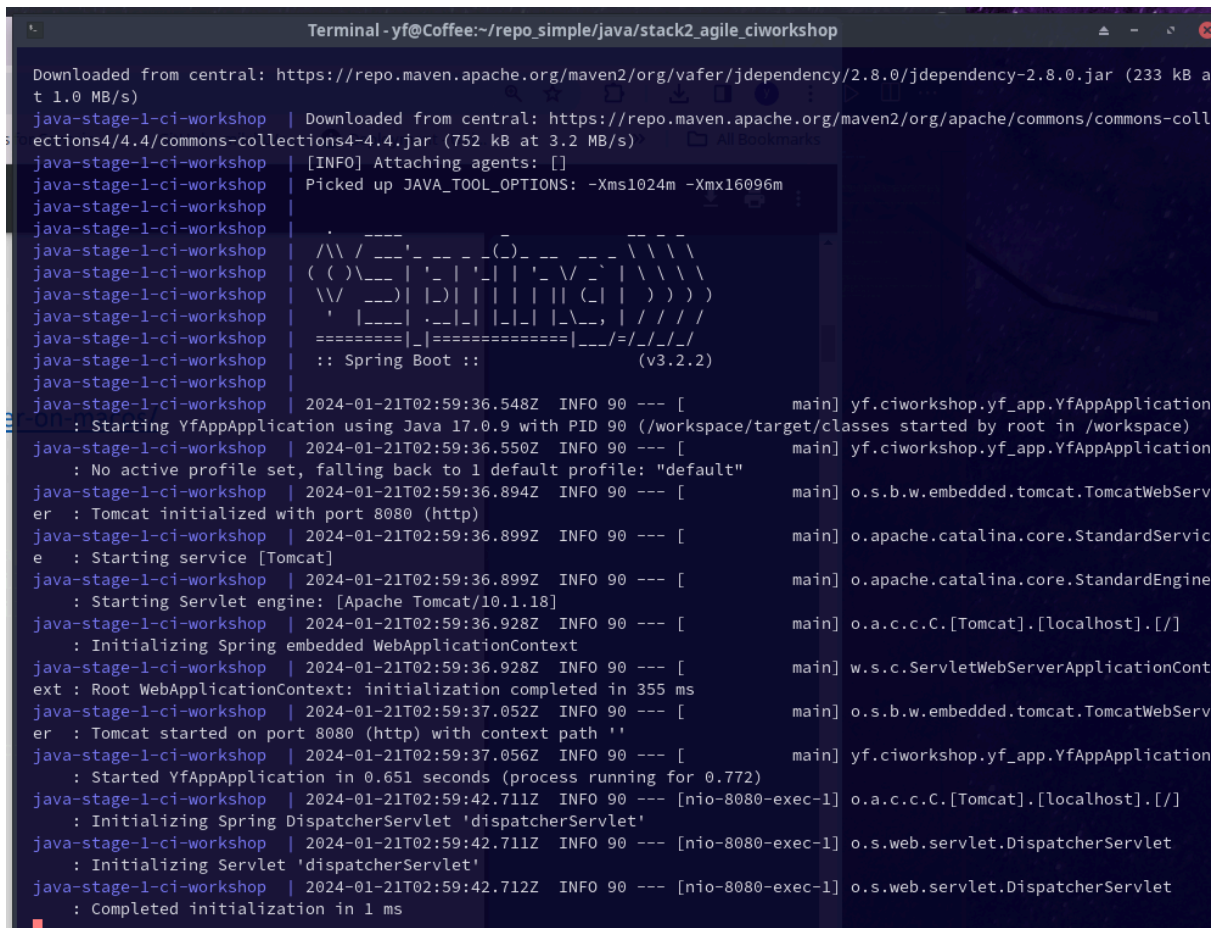
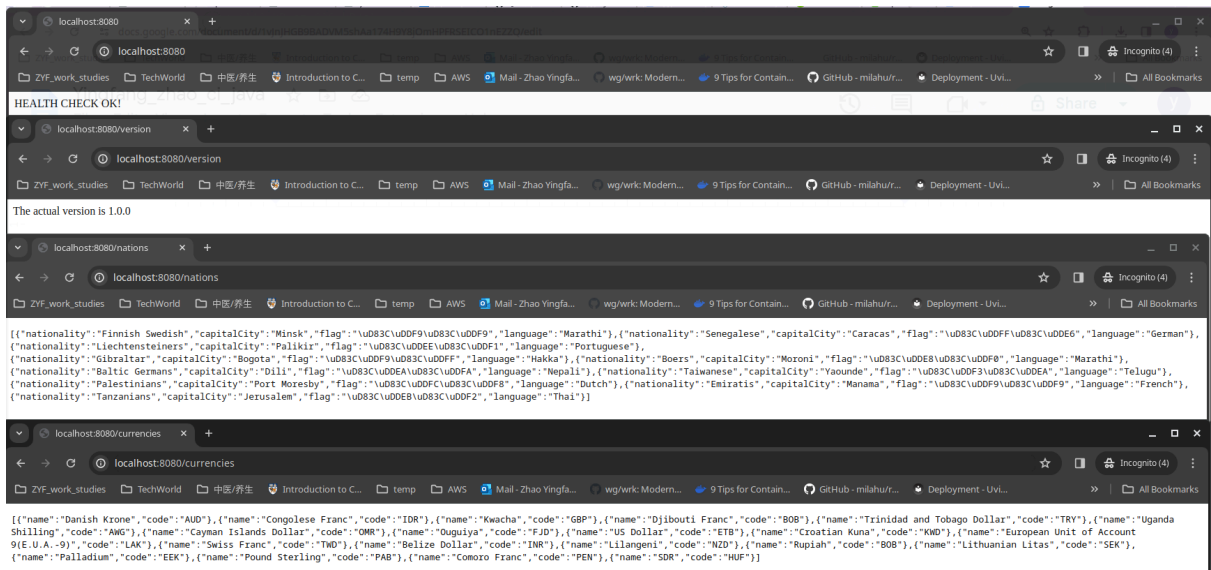
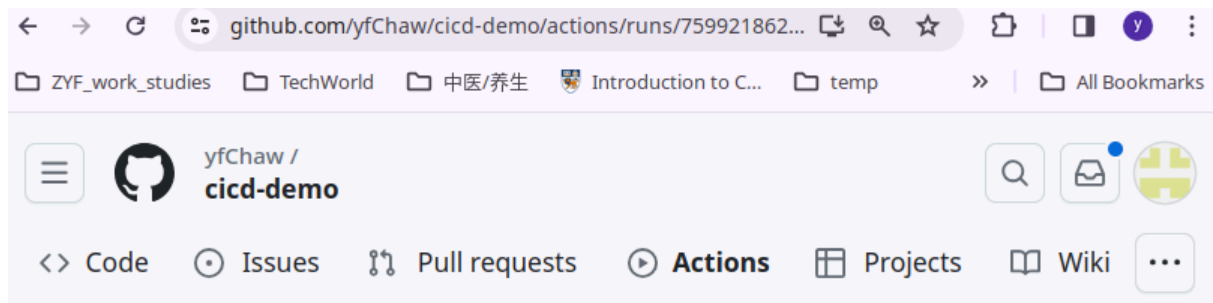


Part 1



Part 2


<https://github.com/yfChaw/cicd-demo>



← Java CI with Maven

✓ **removed dependencies graph (optional) #6** ...

✓ **build** ▾

build 

succeeded now in 32s

> ✓ Set up job	1s
> ✓ Run actions/checkout@v3	4s
> ✓ Set up JDK 17	0s
> ✓ Build with Maven	21s
> ✓ Post Set up JDK 17	3s
> ✓ Post Run actions/checkout@v3	0s
> ✓ Complete job	0s

SonarCloud

sonarcloud.io/summary/overall?id=yfChaw_cicd-demo

My ProjectsMy IssuesExplore

yfChaw > d13revision > main

SummaryIssuesSecurity HotspotsMeasuresCodeActivity

258 Lines of Code

Version 0.0.1-SNAPSHOTLast analysis 1 minute ago811dabca sonar cloud integration

Quality Gate

Not computed

Next scan will generate a Quality Gate.

Reliability

0 Bugs

A

Maintainability

12 Code Smells

A

Security

0 Vulnerabilities

A

Security Review

0 Security Hotspots

A

Coverage

17.3% Coverage

Duplications

0.0% Duplications

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sonarcloud.io/project/issues?resolved=false&types=CODE_SMELL&id=yfChaw_cicd-demo

My ProjectsMy IssuesExplore

yfChaw > d13revision > main

SummaryIssuesSecurity HotspotsMeasuresCodeActivity

The last analysis has warnings. See details

Filters

Clear All Filters

Clean Code Attribute

Consistency2

Intentionality8

Adaptability2

Responsibility0

Software Quality

Security0

Reliability1

Maintainability12

Severity

High2

Medium5

Low5

Type

1

12 Issues 51min effort

Intentionality issue

Remove this commented out code.

unused

OpenNot assignedMaintainabilityCode SmellMajor

5min effort1 minute ago

Intentionality issue

This block of commented-out lines of code should be removed.

unused

OpenNot assignedMaintainabilityCode SmellMajor

5min effort1 minute ago

Consistency issue

Replace the "@Controller" annotation by "@RestController" and remove all "@ResponseBody" annotations.

spring

OpenNot assignedMaintainabilityCode SmellMajor

5min effort1 minute ago

Intentionality issue

Replace the type specification in this constructor call with the diamond operator "<*>".

clumsy

OpenNot assignedMaintainabilityCode SmellMinor

1min effort1 minute ago

SNYK

ORGANIZATION

yfChaw

Dashboard

Projects

Integrations

Members

Settings

yfChaw > Projects

All projects

Add filter

Group by targets

Sort by highest severity

Search targets

Targets

yfChaw/cicd-demo

2 C 10 H 11 M 4 L

Project	Imported	Tested	Issues
d13/pom.xml	5 minutes ago	a few seconds ago	2 C 10 H 11 M 4 L
Code analysis	5 minutes ago	a few seconds ago	0 C 0 H 0 M 0 S
Dockerfile	5 minutes ago	a few seconds ago	0 C 0 H 0 M 0 S

Ready to import another project?

Secure your entire stack with Snyk

Add projects

yfChaw / cicd-demo

Type to search

<> Code Issues Pull requests **Actions** Projects Wiki Security Insights Settings

Java CI with Maven

SNYK #42

Re-run all jobs

Summary

Jobs

test

sonar

snky

Run details

Usage

Workflow file

snyk

succeeded 1 minute ago in 33s

Search logs

Set up job

Run actions/checkout@v3

Set up JDK 17

debug

snky setup

snky test

Upload result to GitHub Code Scanning

Post Set up JDK 17

Post Run actions/checkout@v3

Complete job

Summary

Jobs

test

sonar

snky

Run details

Usage

Workflow file

snyk

succeeded 4 minutes ago in 33s

Search logs

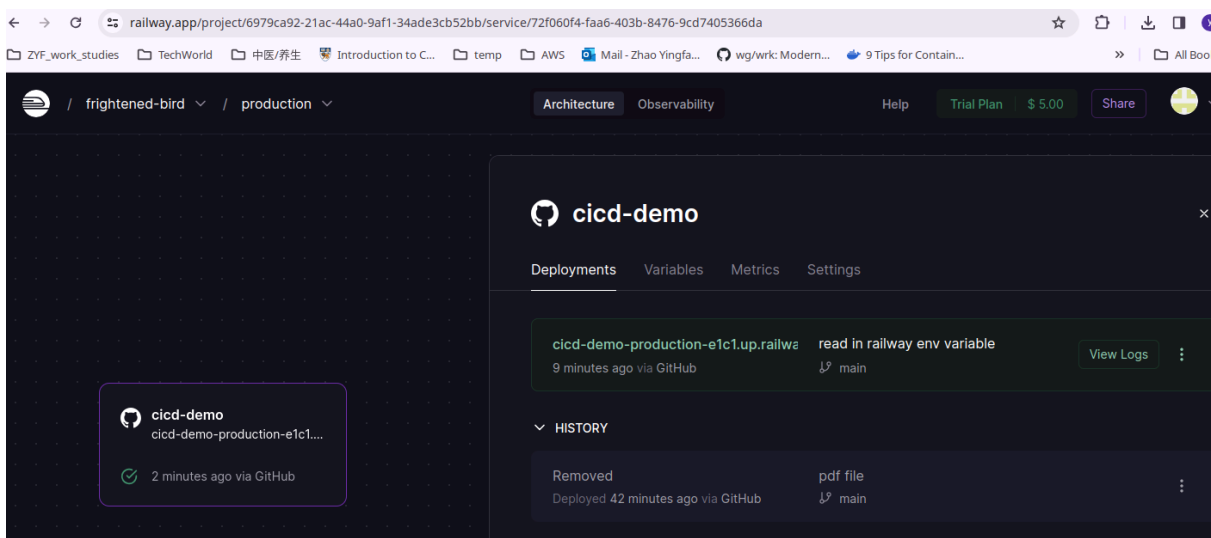
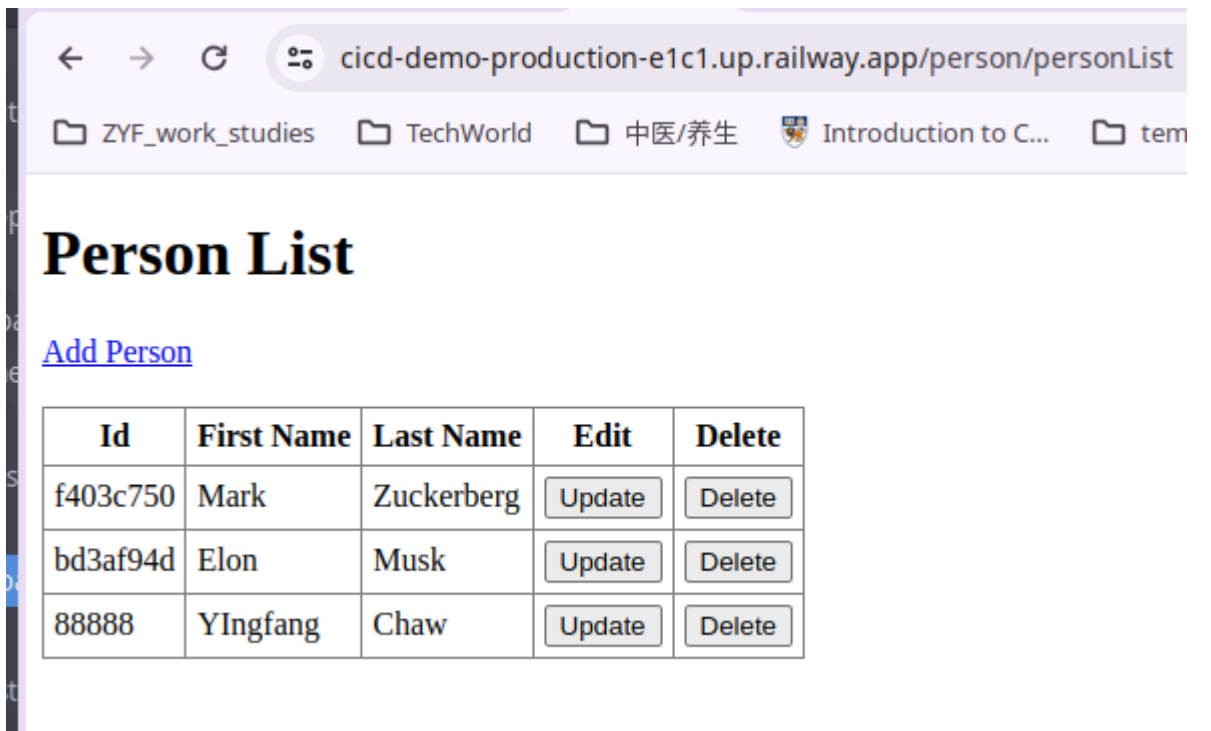
```
1
2
3
4
5
6
7
8 Testing /home/runner/work/cicd-demo/cicd-demo/d13...
9
10 Tested 40 dependencies for known issues, found 27 issues, 27 vulnerable paths.
11
12
13 Issues to fix by upgrading:
14
15 Upgrade org.springframework.boot:spring-boot-devtools@2.7.1 to org.springframework.boot:spring-boot-devtools@2.7.12 to fix
16 X Denial of Service (DoS) [High Severity][https://security.snyk.io/vuln/SNYK-JAVA-ORGSPRINGFRAMEWORKBOOT-5564390] in
17 org.springframework.boot:spring-boot-autoconfigure@2.7.1
18 introduced by org.springframework.boot:spring-boot-devtools@2.7.1 > org.springframework.boot:spring-boot-autoconfigure@2.7.1
19
20 Upgrade org.springframework.boot:spring-boot-starter-thymeleaf@2.7.1 to org.springframework.boot:spring-boot-starter-thymeleaf@3.2.0 to fix
21 X Stack-based Buffer Overflow [Low Severity][https://security.snyk.io/vuln/SNYK-JAVA-ORGYAML-3016888] in org.yaml:snakeyaml@1.30
22 introduced by org.springframework.boot:spring-boot-starter-thymeleaf@2.7.1 > org.springframework.boot:spring-boot-starter@2.7.1 >
23 org.yaml:snakeyaml@1.30
24 X Stack-based Buffer Overflow [Low Severity][https://security.snyk.io/vuln/SNYK-JAVA-ORGYAML-3113851] in org.yaml:snakeyaml@1.30
25 introduced by org.springframework.boot:spring-boot-starter-thymeleaf@2.7.1 > org.springframework.boot:spring-boot-starter@2.7.1 >
26 org.yaml:snakeyaml@1.30
27
28 X Arbitrary Code Execution [Medium Severity][https://security.snyk.io/vuln/SNYK-JAVA-ORGYAML-3152153] in org.yaml:snakeyaml@1.30
29
30
```

Part 3 Railway



Welcome

[Person List](#)



Code edited in repo:

```
@SpringBootApplication
public class D13revisionApplication {

    public static void main(String[] args) {
        // SpringApplication.run(D13revisionApplication.class, args);

        SpringApplication app = new SpringApplication(D13revisionApplication.class);
        String port="8085";
        // https://docs.railway.app/guides/public-networking
        String envPort = System.getenv("PORT");
        if (envPort != null){
            port = envPort;
        }
    }
}
```