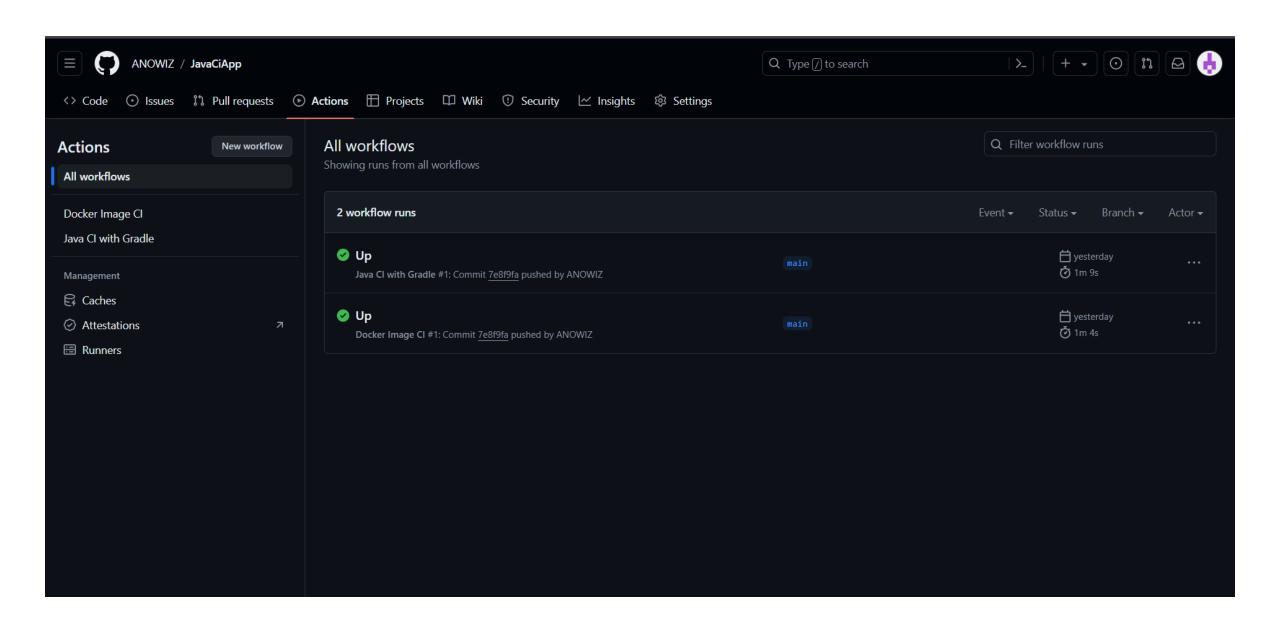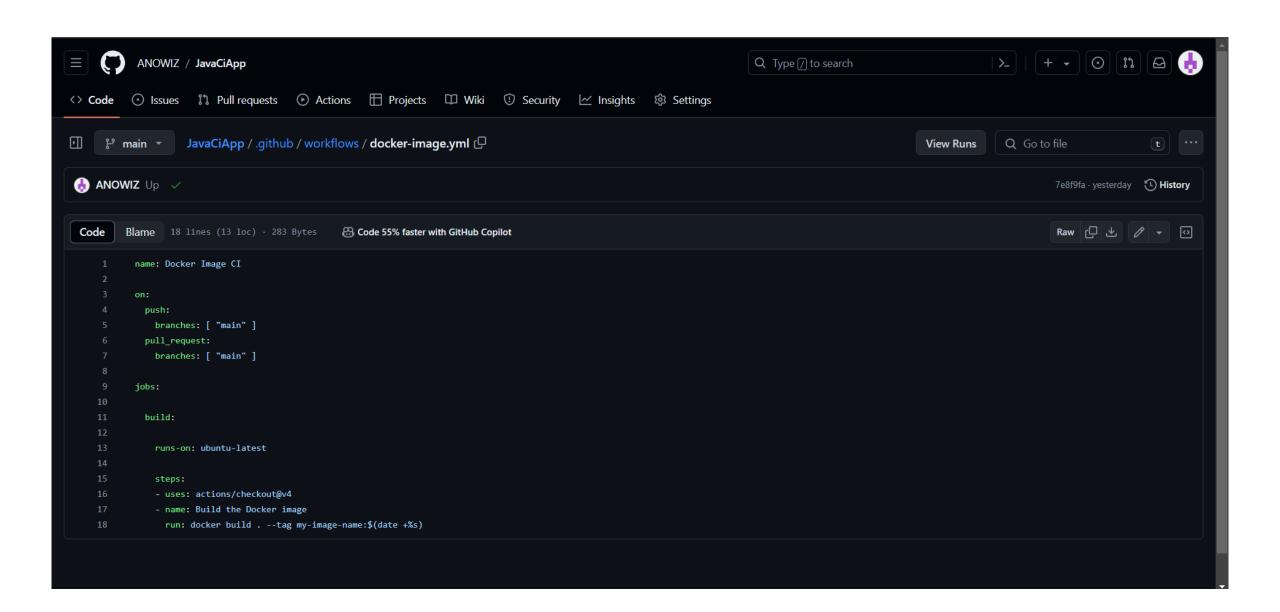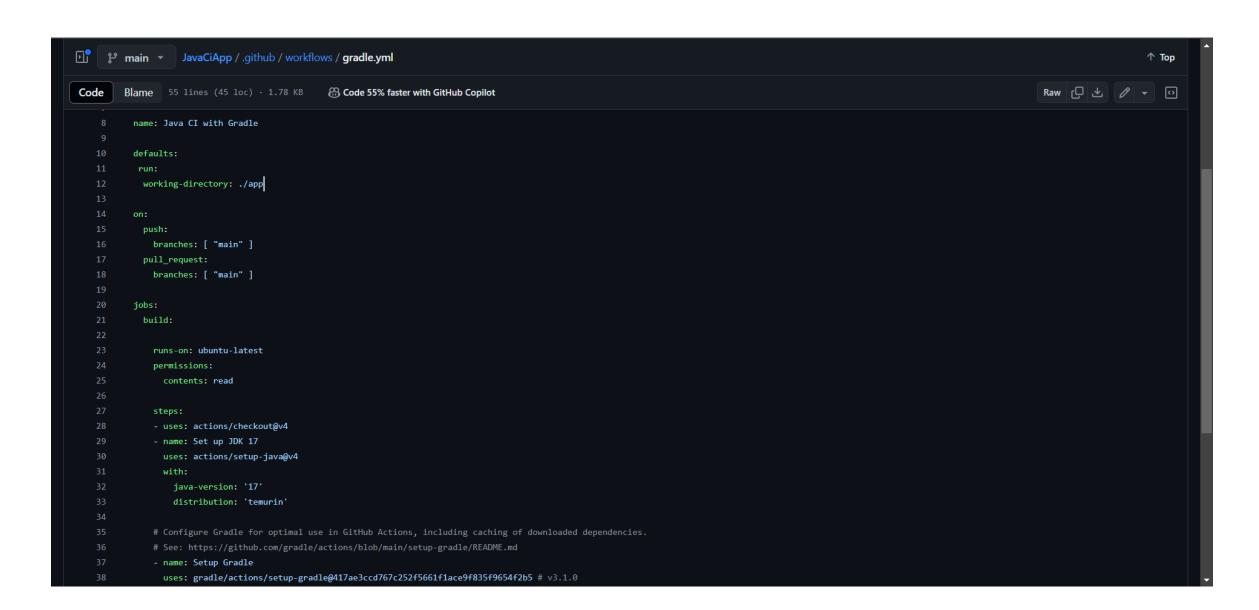# TODO-LIST

Сборка и публикация
контейнера по коммиту +
Полуавтоматический
механизм развертывания

Структура проекта:
back|front: java
CI/CD: Github action, Docker

<> Code   ⊙ Issues   ⑂ Pull requests   ⊙ Actions   ⊞ Projects   📖 Wiki   ⊘ Security   ⬚ Insights   ⚙ Settings

Actions   New workflow

All workflows

Docker Image CI   ▾

Java CI with Gradle

Management

🗃 Caches

✅ Attestations   ↗

⊞ Runners

All workflows
Showing runs from all workflows

🔍 Filter workflow runs

2 workflow runs   Event ▾   Status ▾   Branch ▾   Actor ▾

✅ **Up**   `main`   📅 yesterday
Java CI with Gradle #1: Commit 7e8f9fa pushed by ANOWIZ   ⏱ 1m 9s   ...

✅ **Up**   `main`   📅 yesterday
Docker Image CI #1: Commit 7e8f9fa pushed by ANOWIZ   ⏱ 1m 4s   ...

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

main   JavaCiApp / .github / workflows / docker-image.yml

View Runs   Go to file

ANOWIZ Up ✓   7e8f9fa · yesterday   History

Code   Blame   18 lines (13 loc) · 283 Bytes   Code 55% faster with GitHub Copilot   Raw

```
1    name: Docker Image CI
2
3    on:
4      push:
5        branches: [ "main" ]
6      pull_request:
7        branches: [ "main" ]
8
9    jobs:
10
11     build:
12
13       runs-on: ubuntu-latest
14
15       steps:
16       - uses: actions/checkout@v4
17       - name: Build the Docker image
18         run: docker build . --tag my-image-name:$(date +%s)
```

Code Blame 55 lines (45 loc) · 1.78 KB 🔗 Code 55% faster with GitHub Copilot Raw

```yml
 8      name: Java CI with Gradle
 9
10      defaults:
11       run:
12        working-directory: ./app
13
14      on:
15        push:
16          branches: [ "main" ]
17        pull_request:
18          branches: [ "main" ]
19
20      jobs:
21        build:
22
23          runs-on: ubuntu-latest
24          permissions:
25            contents: read
26
27          steps:
28          - uses: actions/checkout@v4
29          - name: Set up JDK 17
30            uses: actions/setup-java@v4
31            with:
32              java-version: '17'
33              distribution: 'temurin'
34
35          # Configure Gradle for optimal use in GitHub Actions, including caching of downloaded dependencies.
36          # See: https://github.com/gradle/actions/blob/main/setup-gradle/README.md
37          - name: Setup Gradle
38            uses: gradle/actions/setup-gradle@417ae3ccd767c252f5661f1ace9f835f9654f2b5 # v3.1.0
```

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

main JavaCiApp / dockerfile

ANOWIZ Up ✓

7e8f9fa · yesterday History

Code Blame 14 lines (9 loc) · 343 Bytes Code 55% faster with GitHub Copilot

Raw

```
1    FROM gradle:jdk17-alpine AS build
2    COPY --chown=gradle:gradle . /home/gradle/src
3    WORKDIR /home/gradle/src/app
4    RUN gradle build
5
6    FROM amazoncorretto:17-alpine3.16
7
8    EXPOSE 8080
9
10   RUN mkdir /app
11
12   COPY --from=build /home/gradle/src/app/build/libs/*.jar /app/spring-boot-application.jar
13
14   ENTRYPOINT ["java","-jar","/app/spring-boot-application.jar"]
```

```
=> => transferring context: 10.45kB                                                                         0.0s
=> [service stage-1 1/3] FROM docker.io/library/amazoncorretto:17-alpine3.16@sha256:e527e70b53d8b0b26147866588d82b60d54e0b39604ec41b660220503f725ef6   0.0s
=> [service build 1/4] FROM docker.io/library/gradle:jdk17-alpine@sha256:3b8921ce3433aa95d9ffe250eb77d3c1078bfbb6923a79c4f7fd46f25d7d0457             0.0s
=> CACHED [service stage-1 2/3] RUN mkdir /app                                                               0.0s
=> CACHED [service build 2/4] COPY --chown=gradle:gradle . /home/gradle/src                                  0.0s
=> CACHED [service build 3/4] WORKDIR /home/gradle/src/app                                                   0.0s
=> CACHED [service build 4/4] RUN gradle build                                                               0.0s
=> CACHED [service stage-1 3/3] COPY --from=build /home/gradle/src/app/build/libs/*.jar /app/spring-boot-application.jar   0.0s
=> [service] exporting to image                                                                             0.0s
=> => exporting layers                                                                                      0.0s
=> => writing image sha256:1ddd97ca6b5a75568dc8febeb3f62c56a17d71d17de70f0bdfa2a8b3b8eb72e3                  0.0s
=> => naming to docker.io/library/javaapp-service                                                           0.0s
time="2024-06-21T18:06:09+05:00" level=warning msg="current commit information was not captured by the build" error="git was not found in the system: exec: \"git.exe\": executable file not found in %PATH%"
[+] Running 2/2
 ✔ Network javaapp_default       Created                                                                     0.1s
 ✔ Container javaapp-service-1   Started                                                                     0.4s

C:\Users\dkuka\Documents\GitHub\javaapp>docker-compose down
[+] Running 2/2
 ✔ Container javaapp-service-1   Removed                                                                     0.4s
 ✔ Network javaapp_default       Removed                                                                     0.2s
[+] Building 1.8s (13/13) FINISHED                                                       docker:desktop-linux
=> [service internal] load build definition from dockerfile                                                 0.0s
=> => transferring dockerfile: 396B                                                                         0.0s
=> [service internal] load metadata for docker.io/library/amazoncorretto:17-alpine3.16                      1.6s
=> [service internal] load metadata for docker.io/library/gradle:jdk17-alpine                               1.5s
=> [service internal] load .dockerignore                                                                    0.0s
=> => transferring context: 2B                                                                              0.0s
=> [service internal] load build context                                                                    0.0s
=> => transferring context: 10.45kB                                                                         0.0s
=> [service build 1/4] FROM docker.io/library/gradle:jdk17-alpine@sha256:3b8921ce3433aa95d9ffe250eb77d3c1078bfbb6923a79c4f7fd46f25d7d0457             0.0s
=> [service stage-1 1/3] FROM docker.io/library/amazoncorretto:17-alpine3.16@sha256:e527e70b53d8b0b26147866588d82b60d54e0b39604ec41b660220503f725ef6   0.0s
=> CACHED [service stage-1 2/3] RUN mkdir /app                                                               0.0s
=> CACHED [service build 2/4] COPY --chown=gradle:gradle . /home/gradle/src                                  0.0s
=> CACHED [service build 3/4] WORKDIR /home/gradle/src/app                                                   0.0s
=> CACHED [service build 4/4] RUN gradle build                                                               0.0s
=> CACHED [service stage-1 3/3] COPY --from=build /home/gradle/src/app/build/libs/*.jar /app/spring-boot-application.jar   0.0s
=> [service] exporting to image                                                                             0.0s
=> => exporting layers                                                                                      0.0s
=> => writing image sha256:1ddd97ca6b5a75568dc8febeb3f62c56a17d71d17de70f0bdfa2a8b3b8eb72e3                  0.0s
=> => naming to docker.io/library/javaapp-service                                                           0.0s
time="2024-06-21T18:22:42+05:00" level=warning msg="current commit information was not captured by the build" error="git was not found in the system: exec: \"git.exe\": executable file not found in %PATH%"
[+] Running 2/2
 ✔ Network javaapp_default       Created                                                                     0.0s
 ✔ Container javaapp-service-1   Started                                                                     0.4s

C:\Users\dkuka\Documents\GitHub\javaapp>docker-compose up -d --build
```

Search for images, containers, volumes, extensions... **Ctrl+K**

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Container CPU usage ⓘ

0.21% / 800% (8 CPUs available)

Container memory usage ⓘ

235.2MB / 7.3GB

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		Name	Image	Status	Port(s)	CPU (%)	Last started	Actions
☑	>	🗂 **javaapp**		Running (1/1)		0.21%	42 seconds ago	⏹ ⋮ 🗑

Selected 1 of 1

Walkthroughs   ✕

| 🗂 | **Multi-container applications** 8 mins | `$ docker init` | **Containerize your application** 3 mins |

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🐳 Engine running   ▶ ⏸ ⏻ ⋮   RAM 1.48 GB   CPU 0.13%

✓ v4.31.1   🔔 1

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	ID	Name	Builder	Status	Duration	↓ Created	Author	
☐	W5RBUP	javaapp	🐳 default	✓ Completed	1.7s	1 minute ago	N/A	🗑
☐	NTR3XB	javaapp	🐳 default	✓ Completed	1.5s	18 minutes ago	N/A	🗑
☐	24PHNM	javaapp	🐳 default	✓ Completed	2m 41s	45 minutes ago	N/A	🗑
☐	F4E5KO	javaapp	🐳 default	✓ Completed	2m 31s	22 hours ago	N/A	🗑
☐	7YLZMF	javaapp	🐳 default	✓ Completed	1m 44s	22 hours ago	N/A	🗑
☐	I001Q5	dockerfile/dockerfile	🐳 default	✓ Completed	2m 44s	22 hours ago	N/A	🗑

Rows per page: 10 ▼   1–6 of 6   ‹ ›

Демонстрации работы

Спасибо за внимание!