

Comandos Git

MINGW64:/c/Users/Rodri/OneDrive/Área de Trabalho/AT-CdCi

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi
$ git init
Initialized empty Git repository in C:/Users/Rodri/OneDrive/Área de Trabalho/AT-CdCi/.git/

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        .idea/
        pom.xml
        src/

nothing added to commit but untracked files present (use "git add" to track)

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'pom.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/main/java/br/com/infnet/Main.java', LF will be replaced by CRLF the next time Git touches it
g
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (master)
$ git branch -M main

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ git commit -m "Primeiro commit"
[main (root-commit) 01903f1] Primeiro commit
6 files changed, 100 insertions(+)
create mode 100644 .gitignore
create mode 100644 .idea/.gitignore
create mode 100644 .idea/encodings.xml
create mode 100644 .idea/misc.xml
create mode 100644 pom.xml
create mode 100644 src/main/java/br/com/infnet/Main.java

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ git remote add origin https://github.com/Rodrigoportes/AT-CdCi.git

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ git push -u origin main
Enumerating objects: 15, done.
```

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ docker build -t rodrigopotes/at-cdci:latest .
#0 building with "desktop-linux" instance using docker driver

#1 [internal] load build definition from Dockerfile
#1 DONE 0.1s

#1 [internal] load build definition from Dockerfile
#1 transferring dockerfile:
#1 transferring dockerfile: 228B 0.4s done
#1 DONE 6.9s

#2 [internal] load metadata for docker.io/library/eclipse-temurin:17-jdk-focal
#2 ...

#3 [auth] library/eclipse-temurin:pull token for registry-1.docker.io
#3 DONE 0.0s

#2 [internal] load metadata for docker.io/library/eclipse-temurin:17-jdk-focal
#2 DONE 10.8s

#4 [internal] load .dockerignore
#4 transferring context:
#4 transferring context: 2B done
#4 DONE 2.1s

#5 [internal] load build context
#5 DONE 0.0s

#6 [1/2] FROM docker.io/library/eclipse-temurin:17-jdk-focal@sha256:5751a59a993d1011047d52df7
#6 resolve docker.io/library/eclipse-temurin:17-jdk-focal@sha256:5751a59a993d1011047d52df7
#6 resolve docker.io/library/eclipse-temurin:17-jdk-focal@sha256:5751a59a993d1011047d52df7
#6 ...

#5 [internal] load build context
#5 transferring context: 2.41kB 0.3s done
#5 DONE 3.7s
```

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<input type="checkbox"/>	registry.k8s.io/pause	3.10.1	278fb9dbcca9	6 months ago	1.05 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	docker/desktop-storage-pr	v2.0	115d77efe6e2	5 years ago	59.16 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	docker/desktop-vpnkit-con	dc331cb22850be0cdd97c	7ecf567ea070	3 years ago	46.99 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	nginx	1.29.3-alpine-slim	4c175d0d849a	1 month ago	20.21 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	busybox	latest	d80cd694d3e9	1 year ago	6.77 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	<none>	<none>	e3652a00a2fa	1 year ago	6.77 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>
<input type="checkbox"/>	rodrigopotes/at-cdci	latest	ebfea654afae	2 minutes ago	632.42 MB	<div><div></div><div></div><div></div><div></div></div> <div></div> <div></div> <div></div>

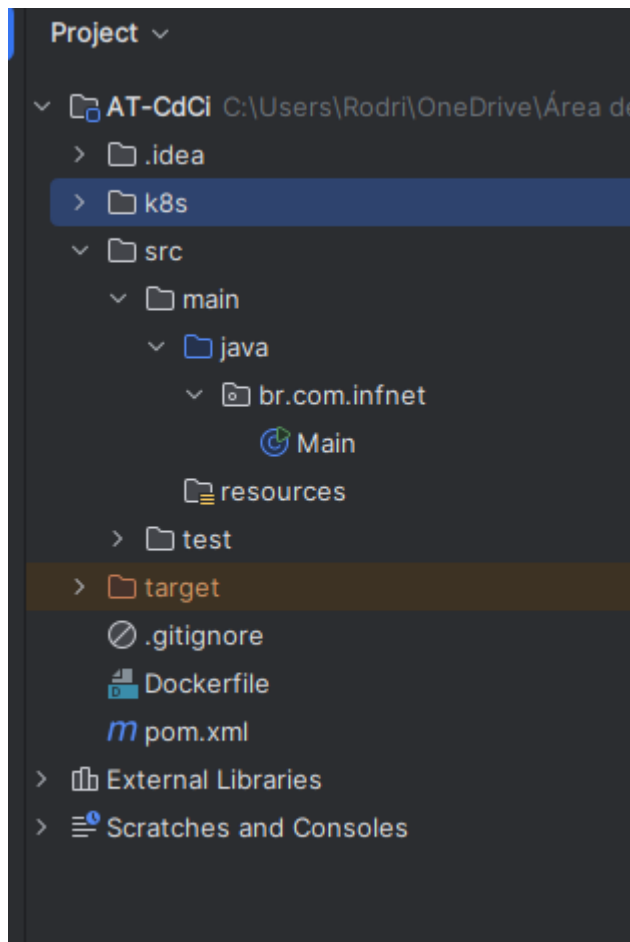
Showing 22 item:

☐ rodrigopotes/at-cdci | latest | ebfea654afae | 2 minutes ago | 632.42 MB | |

Showing 22 items

Dockerfile

```
1 # Usa uma imagem base com o Java 17
2 FROM eclipse-temurin:17-jdk-focal
3
4 ARG JAR_FILE=target/AT-CdCi-1.0-SNAPSHOT.jar
5
6 COPY ${JAR_FILE} app.jar
7
8 ENTRYPOINT ["java", "-jar", "/app.jar"]
```

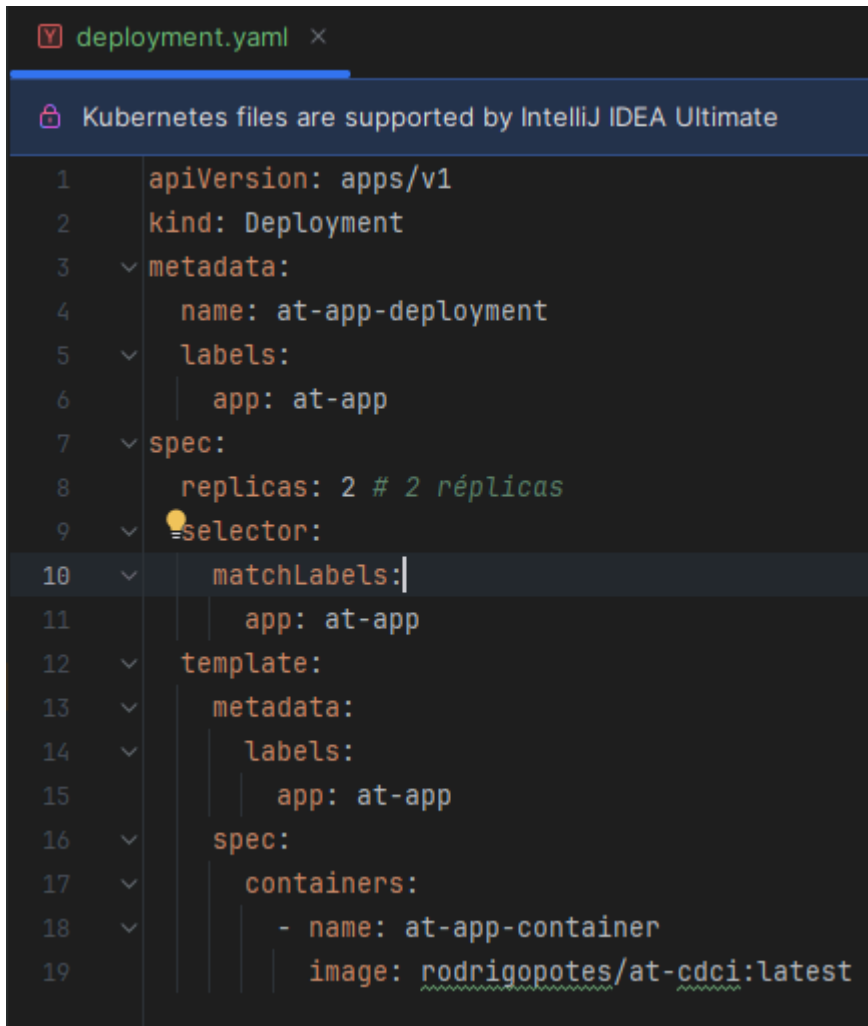
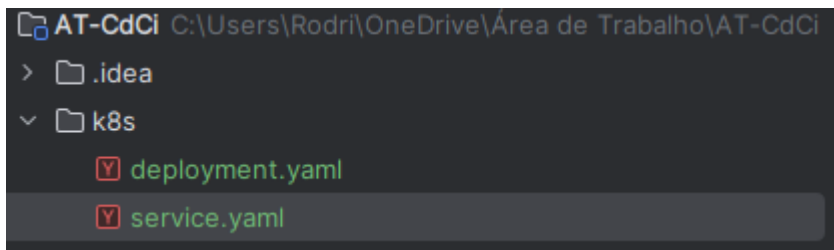


```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ docker push rodrigopotes/at-cdci:latest
The push refers to repository [docker.io/rodrigopotes/at-cdci]
a42f6a560dab: Waiting
82659cd29bc7: Waiting
889b4ac3a536: Waiting
13b7e930469f: Waiting
551fb6f86e24: Waiting
12cdde6261a9: Waiting
16364506555a: Waiting
```

Container rodando

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ docker run --rm rodrigopotes/at-cdci:latest
Status: Aplicação de demonstração do AT-CdCi rodando com sucesso!
```

KS8 - Deve ter um Deployment com pelo menos 2 réplicas.



```
service.yaml x
Kubernetes files are supported by IntelliJ IDEA

1  apiVersion: v1
2  kind: Service
3  metadata:
4    name: at-app-service
5  spec:
6    selector:
7      app: at-app
8    ports:
9      - protocol: TCP
10        port: 80
11        targetPort: 8080
12    type: ClusterIP
```

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Area de Trabalho/AT-CdCi (main)
$ kubectl apply -f k8s/
deployment.apps/at-app-deployment created
service/at-app-service created

Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Area de Trabalho/AT-CdCi (main)
$ |
```

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Area de Trabalho/AT-CdCi (main)
$ kubectl get pods
```

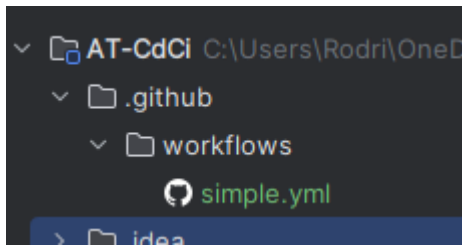
NAME	READY	STATUS	RESTARTS	AGE
at-app-deployment-5fbf46445d-njgdv	1/1	Running	7 (6m30s ago)	14m
at-app-deployment-5fbf46445d-qtkkq	1/1	Running	7 (5m59s ago)	14m

```
Rodri@DESKTOP-2RJVD0E MINGW64 ~/OneDrive/Area de Trabalho/AT-CdCi (main)
$ kubectl get deployments
```

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
at-app-deployment	2/2	2	2	15m

Etapa 3 Workflow

Seu projeto deve ter pelo menos um Workflow no Github actions.



```
service.yaml Dockerfile simple.yml x
1 name: 1.0 Validacao Simples
2 on:
3   push:
4     branches: [ "main" ]
5
6 jobs:
7   minima-job:
8     runs-on: ubuntu-latest
9     steps:
10      - name: Executa um comando simples
11        run: echo "Workflow Simple."
```

✔ feat: Adiciona workflow simples para Etapa 3 do AT

1.0 Validacao Simples #1: Commit [849cdf2](#) pushed by [Rodrigoportes](#)

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← 1.0 Validacao Simples

✔ feat: Adiciona workflow simples para Etapa 3 do AT #1

Summary

Jobs

- ✔ minima-job

Run details

- Usage
- Workflow file

Triggered via push now	Status	Total duration
Rodrigoportes pushed → 849cdf2 main	Success	6s

simple.yml

on: push

✔ minima-job 3s