

Comandos Git

```
MINGW64:/c/Users/Rodri/OneDrive/Área de Trabalho/AT-CdCi
Rodri@DESKTOP-2RJVDOE 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-2RJVDOE 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-2RJVDOE MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (master)
$ git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the ne
xt 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-2RJVDOE MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (master)
$ git branch -M main

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

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

```
Rodri@DESKTOP-2RJVDOE MINGW64 ~/OneDrive/Area de Trabalho/AT-CdCi (main)
$ docker build -t rodrigopotes/at-cdcii: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@sha256:5751a59a993d1011047d52
#6 resolve docker.io/library/eclipse-temurin:17-jdk-focal@sha256:5751a59a993d1011047d52df2
#6 resolve docker.io/library/eclipse-temurin:17-jdk-focal@sha256:5751a59a993d1011047d52df2
#6 ...
#5 [internal] load build context
#5 transferring context: 2.41kB 0.3s done
#5 DONE 3.7s
```

imagem

Docker Desktop PERSONAL

Search Ctrl+K

Ask Gordon BETA

Containers

Images Local My Hub 191.43 MB / 2.89 GB in use 21 images Last refresh: 14 hours ago

Search

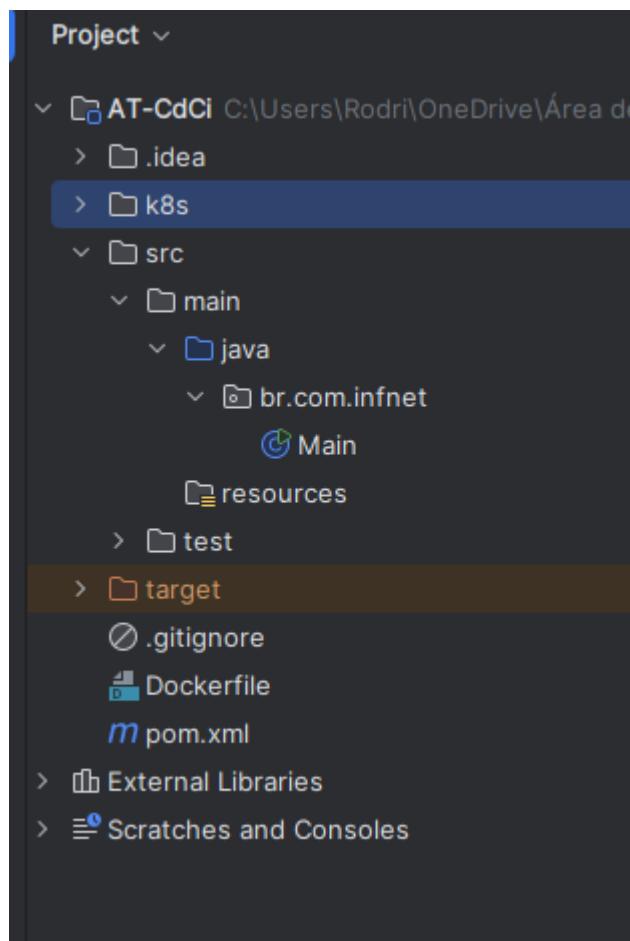
Name	Tag	Image ID	Created	Size	Actions			
docker/desktop-kubernetes: kubernetes-v1.34.1-cni-v1.1	12d6673564e0	3 months ago	591.21 MB					
registry.k8s.io/pause	3.10.1	278fb9dbcca9	6 months ago	1.05 MB				
docker/desktop-storage-pr	v2.0	115d77fe6e2	5 years ago	59.16 MB				
docker/desktop-vpnkit-con	dc331cb22850be0cdd97cf7ecf567ea070	3 years ago	46.99 MB					
nginx	1.29.3-alpine-slim	4c175d0d849a	1 month ago	20.21 MB				
busybox	latest	d80cd694d3e9	1 year ago	6.77 MB				
<none>	<none>	e3652a00a2fa	1 year ago	6.77 MB				
rodrigopotes/at-cdci	latest	ebfea654afae	2 minutes ago	632.42 MB				

Showing 22 items

<input type="checkbox"/>		rodrigopotes/at-cdci	latest	ebfea654afae	2 minutes ago	632.42 MB				
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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"]
```

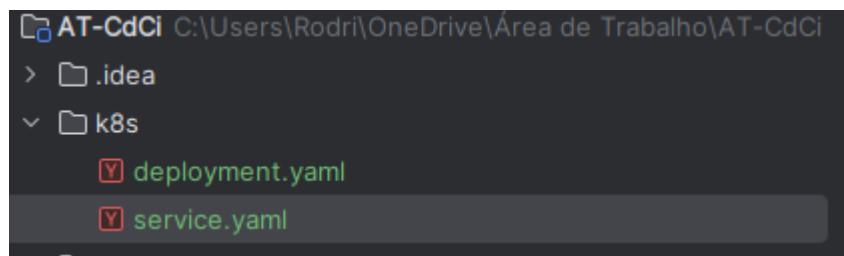


```
Rodri@DESKTOP-2RJVDOE MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ docker push rodrigopotes/at-cdci:latest
The push refers to repository [docker.io/rodrigopotes/at-cdci]
a42f6a560dab: Waiting
32659cd29bc7: Waiting
389b4ac3a536: Waiting
l3b7e930469f: Waiting
551fb6f86e24: Waiting
l2cdde6261a9: Waiting
l6364506555a: Waiting
```

Container rodando

```
Rodri@DESKTOP-2RJVDOE 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.



Kubernetes files are supported by IntelliJ IDEA Ultimate

```
1  apiVersion: apps/v1
2  kind: Deployment
3  metadata:
4    name: at-app-deployment
5  labels:
6    app: at-app
7  spec:
8    replicas: 2 # 2 réplicas
9    selector:
10   matchLabels:
11     app: at-app
12   template:
13     metadata:
14       labels:
15         app: at-app
16     spec:
17       containers:
18         - name: at-app-container
19           image: rodrigopotes/at-cdci:latest
```

```
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-2RJVDOE MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ kubectl apply -f k8s/
deployment.apps/at-app-deployment created
service/at-app-service created
```

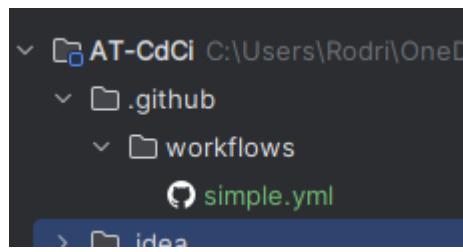
```
Rodri@DESKTOP-2RJVDOE MINGW64 ~/OneDrive/Área de Trabalho/AT-CdCi (main)
$ |
```

```
Rodri@DESKTOP-2RJVDOE MINGW64 ~/OneDrive/Área 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-2RJVDOE MINGW64 ~/OneDrive/Área 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

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](#)

The screenshot shows the GitHub Actions interface for the workflow run:

- Triggered via push now
- Rodrigoportes pushed → [849cdf2](#) main
- Status: Success
- Total duration: 6s

simple.yml

on: push

minima-job

3s