

Checkpoint 2 - DevOps Prints

Luiza Nunes de Jesus - 99768 Pamella Schimalesky Engholm - 551600



Desafio 1 - Tecnologia Java

Dockerfile

Criação da imagem com sucesso

```
PS C:\Users\luiza\luizaPamellaCP2> <mark>docker</mark> build -t dimmoney-app .
2024/04/25 21:35:51 http2: server: error reading preface from client //./pipe/docker_engine: file has already
peen closed
[+] Building 1.3s (7/7) FINISHED
 => [internal] load build definition from Dockerfile
 => transferring dockerfile: 126B
=> [internal] load metadata for docker.io/library/tomcat:10
=> [internal] load .dockerignore
                                                                                                                                0.0s
                                                                                                                                0.7s
                                                                                                                                0.05
 => => transferring context: 2B
=> [internal] load build context
                                                                                                                                0.05
                                                                                                                                0.0s
 => => transferring context: 4.93kB
=> CACHED [1/2] FROM docker.io/library/tomcat:10@sha256:582f3de763911c26b2496a6b4d348a01ce774888247c7c
 => => resolve docker.io/library/tomcat:10@sha256:582f3de763911c26b2496a6b4d348a01ce774888247c7caa9bed7
 => [2/2] COPY DimMoneyApp551600.war /usr/local/tomcat/webapps
 => exporting to image
 => => exporting layers
                                                                                                                                0.1s
 => => writing image sha256:05c1600ad0fa56abae34e35d20a85243b5f87b7384467d74be63daa69b26f023
                                                                                                                                0.0s
 => => naming to docker.io/library/dimmoney-app
                                                                                                                                0.05
View build details: docker-desktop://dashboard/build/default/default/2jcfm8x5c96wsyav0tzjd4rdr
What's Next?
 View a summary of image vulnerabilities and recommendations → docker scout quickview
```

Execução do docker container run

PS C:\Users\luiza\luiza\PamellaCP2> docker run -d --name dimmoney551600 -v deploys-tomcat10:/usr/local/tomcat/webapps -p 8080:8080 dimmoney-app 1275ba5d10534aabf75061ealf89638a7522a042a0a3ee0a6d34a5e8c0158cf9



Diretório: /usr/local/tomcat/webapps/ com ls -l

Log do Container

```
1778bc5016571aab9775016a14890735727230912ab1seba60913ac649
1778bc5016571aab9775016a148907327230912ab1seba60913ac649
1778bc5016571ab97877230912ab1seba60913ac649
1778bc5016571ab97877230913ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac649013ac64
```

Web Browser com a aplicação rodando



Deploy efetuado com sucesso no Servidor Tomcat 10

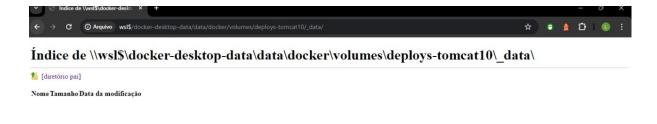


Volume em seu Host com o Deploy efetuado



Deploy efetuado com sucesso no Servidor Tomcat 10

Volume em seu Host com o Undeploy efetuado



Volume em seu Host com o Redeploy efetuado

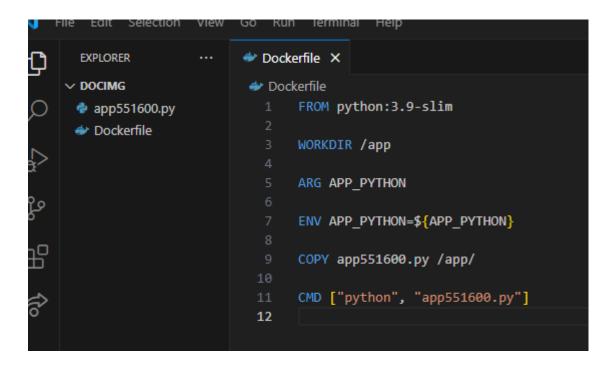


Deploy efetuado com sucesso no Servidor Tomcat 10. Bom trabalho!



Desafio 2 - Tecnologia Python

Dockerfile



Criação da imagem com sucesso

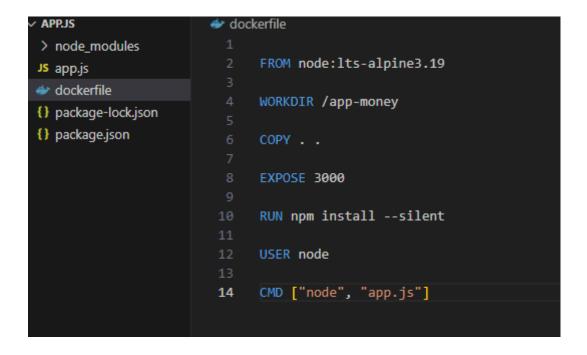


Execução do Docker container run

C:\Users\user\docimg>docker run --rm dimmoney-python Implantação efetuada com sucesso

Desafio 3 - Tecnologia NodeJs

Dockerfile

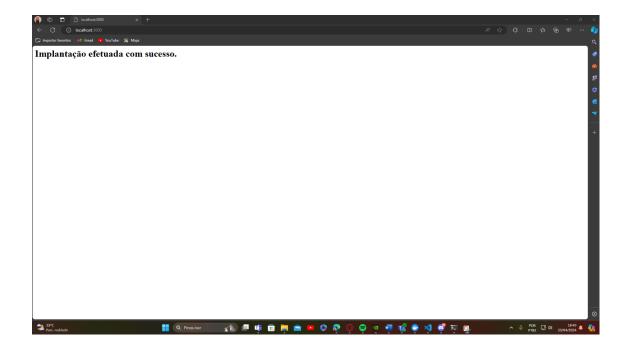


Tela da criação da imagem com sucesso



Execução do Docker container run

C:\Users\user\app.js>docker container run ---name dimmoney-node-551600 -d -v /app-money -p 3000:3000 dimmoney-node ea30f41a1d4c59ff87f4135589980ed17135cc4bb6cc9a845001394fb620917b



Redeploy

```
∠ app.js

                              JS app.js
                                          × {} package-lock.json
                                                                                       {} package.json

✓ APP.JS

                                JS app.js > ...
       > node_modules
                                      const http = require('http');
      JS app.js
       dockerfile
                                     const hostname = '0.0.0.0';
       {} package-lock.json
                                     const port = process.env.PORT || 3000;
       {} package.json
                                      const server = http.createServer((req, res) => {
                                         res.statusCode = 200;
B
                                          res.setHeader('Content-Type', 'text/html; charset=utf-8');
                                          res.end('<h1>Implantação efetuada com sucesso. Bom trabalho!</h1>');
8
                                      server.listen(port, hostname, () => {
  console.log(`Server running at http://${hostname}:${port});
                                      });
```



```
What's Next?

View a summary of image vulnerabilities and recommendations → docker scout quickview

C:\Users\user\app.js>docker container run --name dimmoney-node-551600 -d -v /app-money -p 3000:3000 dimmoney-node 44aea625124ff8be7227b8ed42b3307ld67f8828dled4e972694b250cf4ab699

C:\Users\user\app.js>
```

