

Atividade-05_Docker compose

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```
PS C:\Users\Dolly\Documents\Atividade_5_ASR_225> git clone https://github.com/ayrtonteshima/docker-introducao.git
Cloning into 'docker-introducao'...
remote: Enumerating objects: 45, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 45 (delta 3), reused 3 (delta 3), pack-reused 39 (from 1)
Receiving objects: 100% (45/45), 456.52 KiB | 2.54 MiB/s, done.
Resolving deltas: 100% (14/14), done.
```

1) faça o git clone do repositório disponibilizado.

```
PS C:\Users\Dolly\Documents\Atividade_5_ASR_225> cd docker-introducao
PS C:\Users\Dolly\Documents\Atividade_5_ASR_225\docker-introducao> cd api
PS C:\Users\Dolly\Documents\Atividade_5_ASR_225\docker-introducao\api> npm install
npm warn old lockfile
npm warn old lockfile The package-lock.json file was created with an old version of npm,
npm warn old lockfile so supplemental metadata must be fetched from the registry.
npm warn old lockfile
npm warn old lockfile This is a one-time fix-up, please be patient...
npm warn old lockfile
npm warn deprecated set-value@2.0.0: Critical bug fixed in v3.0.1, please upgrade to the latest version.
npm warn deprecated mixin-deep@1.3.1: Critical bug fixed in v2.0.1, please upgrade to the latest version.
npm warn deprecated ini@1.3.5: Please update to ini >1.3.6 to avoid a prototype pollution issue
npm warn deprecated is-accessor-descriptor@0.1.6: Please upgrade to v0.1.7
npm warn deprecated is-data-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated set-value@0.4.3: Critical bug fixed in v3.0.1, please upgrade to the latest version.
npm warn deprecated is-accessor-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated is-data-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated is-accessor-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated is-accessor-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated is-accessor-descriptor@1.0.0: Please upgrade to v1.0.1
npm warn deprecated uri@0.1.0: Please see https://github.com/lydell/uri#deprecated
npm warn deprecated is-data-descriptor@0.1.4: Please upgrade to v0.1.5
npm warn deprecated resolve-url@0.2.1: https://github.com/lydell/resolve-url#deprecated
npm warn deprecated source-map-url@0.4.0: See https://github.com/lydell/source-map-url#deprecated
npm warn deprecated debug@3.2.6: Debug versions >=3.2.0 <3.2.7 || >=4 <4.3.1 have a low-severity ReDoS regression when used in a Node.js environment. It is recommended you upgrade to 3.2.7 or 4.3.1. (https://github.com/visionmedia/debug/issues/797)
npm warn deprecated source-map-resolve@0.5.2: See https://github.com/lydell/source-map-resolve#deprecated

added 274 packages, and audited 275 packages in 2m

38 vulnerabilities (5 low, 6 moderate, 21 high, 6 critical)

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
PS C:\Users\Dolly\Documents\Atividade_5_ASR_225\docker-introducao\api>
```

2) entre na pasta 'api' e execute o comando “ rpm install ”, isso irá executar os arquivos json.

```

version: "3.7"
services:
  db:
    image: mysql
    container_name: mysql_container
    command: --default-authentication-plugin=mysql_native_password
    environment:
      MYSQL_ROOT_PASSWORD: programadorabordo
    volumes:
      - ./api/db/data:/var/lib/mysql
    restart: always
  api:
    build: "./api"
    container_name: node_container
    restart: always
    volumes:
      - ./api:/home/node/app
    ports:
      - "9001:9001"
    depends_on:
      - db
  web:
    image: "php:7.2-apache"
    container_name: php_container
    restart: always
    volumes:
      - ./web:/var/www/html/
    ports:
      - "8888:80"
    depends_on:
      - db
      - api

```

3) crie o arquivo “ docker-compose.yml ”, e digite como está na imagem

```

PS C:\Users\Dolly\Documents\Atividade_5_ASР_225\docker-introducao> docker-compose up -d
time="2025-11-13T13:10:28+03:00" level=warning msg="C:\Users\Dolly\Documents\Atividade_5_ASР_225\docker-introducao\docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
[*] Running 2/2
  ✓ db Pulled
  ✓ web Pulled
[*] Building 2.3s (9/9) FINISHED
  ✓ web Pulled
[*] Building 2.3s (9/9) FINISHED
-> [internal] load local bake definitions
[*] Building 2.3s (9/9) FINISHED
-> [internal] load local bake definitions
-> reading from stdin 6068
-> [internal] load build definition from Dockerfile
-> [internal] load build definition from Dockerfile
-> transferring dockerfile: 93B
-> transferring dockerfile: 93B
-> [internal] load metadata for docker.io/library/node:10-slim
-> [auth] library/node:pull token for registry-1.docker.io
-> [internal] load .dockerrcignore
-> [internal] load metadata for docker.io/library/node:10-slim
-> [auth] library/node:pull token for registry-1.docker.io
-> [internal] load .dockerrcignore
-> reading from stdin 6068
-> [internal] load build definition from Dockerfile
-> [internal] load build definition from Dockerfile
-> transferring context: 2B
-> [auth] library/node:pull token for registry-1.docker.io
-> [internal] load .dockerrcignore
-> transferring context: 2B
-> [internal] load .dockerrcignore
-> transferring context: 2B
-> [1/2] FROM docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a098d98367b10d6
-> [2/2] FROM docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a098d98367b10d6
-> resolving docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a098d98367b10d6
-> CACHED [2/2] /home/node/app
-> exporting to image
-> >> exporting layers
-> >> exporting layers
-> >> exporting manifest sha256:713a0a049e35f6110deb36c731504b3ecc43cb489c5d66b3aa30c65b64b729d0
-> >> exporting manifest sha256:713a0a049e35f6110deb36c731504b3ecc43cb489c5d66b3aa30c65b64b729d0
-> >> exporting config sha256:99dbbfef4ed3ebbd21ccf8b45065fd4c451888ac56b8644104e6dd1b9aa888b
-> >> exporting config sha256:99dbbfef4ed3ebbd21ccf8b45065fd4c451888ac56b8644104e6dd1b9aa888b
-> >> exporting attestation manifest sha256:3182574c346279df75eb353c114b2e97d6d3ff6087d4b5c1768880dd90319
-> >> exporting manifest list sha256:aaf7f1ea7739b1570e14bebeaec866479ecc20306beccac22a1f578cc65096
-> >> naming to docker.io/library/docker-introducao-api:latest
-> >> unpacking to docker.io/library/docker-introducao-api:latest
-> resolving provenance for metadata file
[*] Running 5/5
  ✓ docker-introducao-api          Built
  ✓ Network docker-introducao_default Created
  ✓ Container mysql_container       Started
  ✓ Container node_container        Started
  ✓ Container php_container         Started

```

4) Após executa o “ docker-compose.yml ”, usando o comando “ docker-compose up –d ”

```

C:\Users\Dolly\Documents\Atividade_5_ASР_225\docker-introducao> docker exec -i mysql-container mysql -uroot -pprogramadorabordo < api/db/script.sql
mysql: [Warning] Using a password on the command line interface can be insecure.

C:\Users\Dolly\Documents\Atividade_5_ASР_225\docker-introducao>

```

5) Na pasta raiz execute o comando “ docker exec -i mysql-container mysql -uroot -pprogramadorabordo < api/db/script.sql ”

6) Após isso indo no “ localhost:9001/products ” e no “ localhost:8888 ”, respectivamente a API eo site

Containers Give feedback								
Container CPU usage (i)			Container memory usage (i)			Show charts		
113.96% / 1200% (12 CPUs available)			1.1GB / 7.51GB					
<input type="text"/> Search			<input checked="" type="checkbox"/> Only show running containers			Delete ▶ ⋮ ⠼		
☒	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions	
<input checked="" type="checkbox"/>	● sleepy_pike	1a8aa058a19b	php-image:		0.01%	24 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	○ nice_newton	cc2d566a11a1	node-image:		0%	4 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	● musing_bhaska	c3065dfa996	mysql-image:		0.6%	24 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	● tender_fermi	8c42bbad2558	docker/wel...	8088:80	0%	24 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	● welcome-to-doc	87109f41e2d3	docker/wel...		0%	24 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	▶ ○ docker-introduc...	-	-		82.53%	2 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼
<input checked="" type="checkbox"/>	▶ ○ docker-introduc...	-	-		30.82%	4 seconds ago	⋮ ⠼ ▶ ⋮ ⠼	⠼

OBS: minha imagem node está com defeito então, não é possível concluir.