

AVALIAÇÃO 13

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USO DO COMANDO DOCKER-COMPOSE UP NA PASTA DE EMAIL

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Atividades Terminal 24 de jun 20:09
jooadaniel@fedora:~/Downloads/curso-docker/email-worker-compose — /usr/bin/python3 /usr/bin/docker-compose up

[jooadaniel@fedora email-worker-compose]$ docker-compose up
Creating network "email-worker-compose_fila" with the default driver
Creating network "email-worker-compose_banco" with the default driver
Creating network "email-worker-compose_web" with the default driver
Creating volume "email-worker-compose_dados" with default driver
Pulling queue (redis:3.2)...
3.2: Pulling from library/redis
f17d81b4b692: Already exists
b32474098757: Downloading [=====] b32474098757: Downloading [=====] 1.741kB/1.741kB
b32474098757: Extracting [=====] b32474098757: Extracting [=====] 1.741kB/1.741kB
8980cabe8bc2: Downloading [=====] 9.583kB/941.3kB
b32474098757: Extracting [=====] 1.741kB/1.741kB
8980cabe8bc2: Downloading [=====] b32474098757: Pull complete
8980cabe8bc2: Pull complete
58af19693e78: Pull complete
a977782cf22d: Pull complete
9c1e268980b7: Pull complete
Digest: sha256:7b0a40301bc1567205e6461c5bf94c38e1e1ad0169709e49132cafc47f6b51f3
Status: Downloaded newer image for redis:3.2
Pulling db (postgres:9.6)...
9.6: Pulling from library/postgres
1cb79db8a9e7: Pull complete
```

ARQUIVO DOCKER-COMPOSE.YML COM AS ALTERAÇÕES

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Atividades Visual Studio Code 24 de jun 22:16
docker-compose.yml - Visual Studio Code

File Edit Selection View Go Run Terminal Help

home > jooadaniel > Downloads > curso-docker > email-worker-compose > docker-compose.yml
2 volumes:
3   dados:
4 networks:
5   banco:
6   web:
7   fila:
8 services:
9   db:
10    image: postgres:9.6
11    volumes:
12      # Volume dos dados
13      - dados:/var/lib/postgresql/data
14    # Scripts
15    - ./scripts:/scripts
16    - ./scripts/init.sql:/docker-entrypoint-initdb.d/init.sql
17    environment:
18      - POSTGRES_PASSWORD=password
19    networks:
20      - banco
```

Atividades VisualStudio Code 24 de jun 21:35

• docker-compose.yml - Visual Studio Code

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```
home > joaodaniel > Downloads > curso-docker > email-worker-compose > docker-compose.yml
31     - web
32     depends_on:
33     - app
34 app:
35     image: python:3.6
36     volumes:
37     # Aplicação
38     - ./app:/app
39     working_dir: /app
40     command: bash ./app.sh
41     networks:
42     - banco
43     - web
44     - fila
45     depends_on:
46     - db
47     - queue
48     environment:
49     - DB_NAME=email_sender
```

Ln 49, Col 23 Spaces: 2 UTF-8 CRLF Compose

ARQUIVO SENDER.PY

Atividades VisualStudio Code 24 de jun 21:54

sender.py - Visual Studio Code

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```
home > joaodaniel > Downloads > curso-docker > email-worker-compose > app > sender.py
7
8 class Sender(Bottle):
9     def __init__(self):
10         super().__init__()
11         self.route('/', method='POST', callback=self.send)
12
13         redis_host = os.getenv('REDIS_HOST', 'queue')
14         self.fila = redis.StrictRedis(host=redis_host, port=6379, db=0)
15
16         db_host = os.getenv('DB_HOST', 'db')
17         db_user = os.getenv('DB_USER', 'postgres')
18         db_name = os.getenv('DB_NAME', 'email_sender')
19         db_password = os.getenv('DB_PASSWORD', 'password')
20         dsn = f'dbname={db_name} user={db_user} password={db_password} host={db_host}'
21         self.conn = psycopg2.connect(dsn)
22
23     def register_message(self, assunto, mensagem):
24         SQL = 'INSERT INTO emails (assunto, mensagem) VALUES (%s, %s)'
25         cur = self.conn.cursor()
```

Ln 20, Col 72 Spaces: 4 UTF-8 CRLF Python

RESULTADOS DO COMANDO DOCKER-COMPOSE UP

Atividades Terminal 24 de jun 22:24

joaodaniel@fedora:~/Downloads/curso-docker/email-worker-compose — /usr/bin/python3 /usr/bin/docker-compose up

```
[joaodaniel@fedora app]$ cd ..
[joaodaniel@fedora email-worker-compose]$ docker-compose up
Creating network "email-worker-compose_banco" with the default driver
Creating network "email-worker-compose_fila" with the default driver
Creating network "email-worker-compose_web" with the default driver
Creating email-worker-compose_queue_1 ... done
Creating email-worker-compose_db_1 ... done
Creating email-worker-compose_worker_1 ... done
Creating email-worker-compose_app_1 ... done
Creating email-worker-compose_frontend_1 ... done
Attaching to email-worker-compose_queue_1, email-worker-compose_db_1, email-worker-compose_worker_1, email-worker-compose_app_1, email-worker-compose_frontend_1
app_1      | ./app.sh: line 2: $'\r': command not found
db_1       | The files belonging to this database system will be owned by user "postgres".
db_1       | This user must also own the server process.
db_1       |
db_1       | The database cluster will be initialized with locale "en_US.utf8".
db_1       | The default database encoding has accordingly been set to "UTF8".
db_1       | The default text search configuration will be set to "english".
db_1       |
db_1       | Data page checksums are disabled.
db_1       |
db_1       | fixing permissions on existing directory /var/lib/postgresql/data ... ok
db_1       | creating subdirectories ... ok
db_1       | selecting default max_connections ... 100
```



```
Atividades Terminal 24 de jun 22:25
joadaniel@fedora:~/Downloads/curso-docker/email-worker-compose — /usr/bin/python3 /usr/bin/docker-compose up
db_1 | LOG: autovacuum launcher started
app_1 | Collecting bottle==0.12.13
app_1 |   Downloading bottle-0.12.13.tar.gz (70 kB)
app_1 | Collecting psycpg2==2.7.3.2
app_1 |   Downloading psycpg2-2.7.3.2-cp36-cp36m-manylinux1_x86_64.whl (2.7 MB)
app_1 | Collecting redis==2.10.5
app_1 |   Downloading redis-2.10.5-py2.py3-none-any.whl (60 kB)
app_1 | Building wheels for collected packages: bottle
app_1 |   Building wheel for bottle (setup.py): started
app_1 |   Building wheel for bottle (setup.py): finished with status 'done'
app_1 |   Created wheel for bottle: filename=bottle-0.12.13-py3-none-any.whl size=87535 sha256=9a607dbf35f377551175294ab193f1cb6
app_1 |   f371b92c25703db2d51f3b10dc19472
app_1 |   Stored in directory: /root/.cache/pip/wheels/35/64/12/0aeb26e8bef3ab6b19385a6b2c8188bff17d3ca9508c6f6d8d
app_1 | Successfully built bottle
app_1 | Installing collected packages: redis, psycpg2, bottle
app_1 | Successfully installed bottle-0.12.13 psycpg2-2.7.3.2 redis-2.10.5
app_1 | WARNING: Running pip as the 'root' user can result in broken permissions and conflicting behaviour with the system packa
ge manager. It is recommended to use a virtual environment instead: https://pip.pypa.io/warnings/venv
app_1 | WARNING: You are using pip version 21.2.4; however, version 21.3.1 is available.
app_1 | You should consider upgrading via the '/usr/local/bin/python -m pip install --upgrade pip' command.
app_1 | Bottle v0.12.13 server starting up (using WSGIRefServer())...
app_1 | Listening on http://0.0.0.0:8080/
app_1 | Hit Ctrl-C to quit.
app_1 |
```