

# Taller Docker Compose

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LIBRARY STORE

Macnelly Torres, el último 10  
Blas Pérez  
4 (2)  
\$100  
Agregar al carrito  
Ver Detalle

El milagro metabólico  
Carlos Jaramillo  
0 (0)  
\$49  
Agregar al carrito  
Ver Detalle

A fuego lento  
Paula Hawkins  
0 (0)  
Agregar al carrito  
Ver Detalle

Silence  
Flor M. Salvador

```
gavo@debian-HP-I... x gavo@debian-HP-I... x gavo@debian-HP-I... x
CONTAINER ID   IMAGE                                STATUS      PORTS                               COMMAND
5b9736540914   libraries-software-3_frontend-store  Up 36 minutes ago    0.0.0.0:83->80/tcp    "/docker-entrypoint
nd-store
395b9663fc50   libraries-software-3_frontend-reviews  Up 36 minutes ago    0.0.0.0:80->80/tcp    "/docker-entrypoint
nd-reviews
8352fe8c1788   libraries-software-3_frontend-catalog-library  Up 36 minutes ago    0.0.0.0:81->80/tcp    "/docker-entrypoint
nd-catalog-library
8852967307df   libraries-software-3_backend-store-library  Up 35 minutes ago    0.0.0.0:8082->8082/tcp    "java -jar /usr/sha
d-store-library
6bf62211fe9f   libraries-software-3_backend-reviews  Up 36 minutes ago    0.0.0.0:3000->3000/tcp    "docker-entrypoint.
d-reviews
82d3504562b3   libraries-software-3_backend-catalog-library  Up 35 minutes ago    0.0.0.0:8081->8081/tcp    "java -jar /usr/sha
d-catalog-library
05e7f5cf6859   mysql:8.0.27                          Up 36 minutes ago    0.0.0.0:3306->3306/tcp    "docker-entrypoint.
Library
6bacf3fbcae0   mongo:5.0.5                            Up 36 minutes ago    0.0.0.0:27017->27017/tcp    "docker-entrypoint.
```

LIBRARY STORE

Macnelly Torres, el último 10  
Blas Pérez

Reseña

Libro biográfico del último crack de Colombia

Opiniones del libro

Mohammed ★★★★★  
"El mejor libro, un crack total"

FelipeCabeza ★★★★☆  
"Buen libro, pero me gusta más Neider Morales"

```
gavo@debian-HP-I... x gavo@debian-HP-I... x gavo@debian-HP-I... x
0, 0) base write gen: 1}}
backend-catalog-library | Hibernate: CALL AddOrUpdateBook(?, ?, ?, ?, ?, ?)
frontend-catalog-library | 172.20.0.1 - - [27/Jan/2022:21:22:03 +0000] "GET /
HTTP/1.1" 304 0 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, l
ike Gecko) Chrome/97.0.4692.99 Safari/537.36"
backend-catalog-library | Hibernate: CALL GetAllBooks()
frontend-store | 172.20.0.1 - - [27/Jan/2022:21:22:08 +0000] "GET /
HTTP/1.1" 304 0 "-" "Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, l
ike Gecko) Chrome/97.0.4692.99 Safari/537.36"
backend-catalog-library | Hibernate: CALL GetAllBooks()
backend-store-library | Hibernate: CALL GetCartUser(?)
backend-reviews | -> request /reviews
mongodb-reviews | {"t":{"sdate":"2022-01-27T21:22:35.567+00:00"},"s":
"I", "c":"STORAGE", "id":22430, "ctx":"Checkpoint", "msg":"WiredTiger messag
e", "attr":{"message":["1643318555:567023"] [1:0x7f033067b700], WT_SESSION.checkpoi
nt: [WT.VERB.CHECKPOINT.PROGRESS] saving checkpoint snapshot min: 125, snapshot ma
x: 125 snapshot count: 0, oldest timestamp: (0, 0), meta checkpoint timestamp: (
0, 0) base write gen: 1}}
mongodb-reviews | {"t":{"sdate":"2022-01-27T21:23:35.582+00:00"},"s":
"I", "c":"STORAGE", "id":22430, "ctx":"Checkpoint", "msg":"WiredTiger messag
e", "attr":{"message":["1643318615:582476"] [1:0x7f033067b700], WT_SESSION.checkpoi
nt: [WT.VERB.CHECKPOINT.PROGRESS] saving checkpoint snapshot min: 127, snapshot ma
x: 127 snapshot count: 0, oldest timestamp: (0, 0), meta checkpoint timestamp: (
0, 0) base write gen: 1}}
Releases
2 months ago No releases published
5 days ago
5 days ago Packages
8 days ago No packages published
```

FrontendStoreFrontendReviewFrontend Catalogmannuluss/Libraries

localhost

Reseñas

mannulus000001222

no es muy bueno, muy aburrido, perfiero una pelicula

chaphe758001222

sin palabras.... excelente obra, me encanta, la leo todo el tiempo

Mohammed0101010210

El mejor libro, un crack total

FelipeCabeza0101010210

Buen libro, pero me gusta más Neider Morales

ISBN:0101010210

estrellas:3

comentario:Buen libro, pero me gusta más

Enviar

Terminal - gavo@debian-HP-laptop: /media/gavo/Local/Files/Documents/Academico/Ingenieria del software III/talleres/Libraries-Software-3/persistent-microservices

File Edit View Terminal Tabs Help

gavo@debian-HP-laptop: /media/gavo/Local/Files/Documents/Academico/Ingenieria del software III/talleres/Libraries-Software-3/persistent-microservices\$ sudo docker l  
ogs backend-reviews  
  
> libraries-nodejs@0.0.0 start  
> node ./Initialmongodb.js && node ./server.js  
  
=> Connect with mongodb  
=> Insercion de los datos completa  
Server start in port localhost: 3000  
=> Connect with mongodb  
-> request /reviews  
-> request /reviews  
-> request /reviews  
-> post reviews  
-> request /reviews  
-> post reviews  
-> request /reviews  
-> post reviews  
-> request /reviews  
-> post reviews  
gavo@debian-HP-laptop: /media/gavo/Local/Files/Documents/Academico/Ingenieria del software III/talleres/Libraries-Software-3/persistent-microservices\$

FrontendStoreFrontendReviewFrontend Catalogmannuluss/Libraries

localhost:81

Reseñas

Macnelly Torres, el último 10Precio: 100

Blas Pérez ISBN:0101010210

Descripcion

Libro biográfico del último crack de Colombia

El milagro metabolicoPrecio: 49

Carlos JaramilloISBN:9789584276971

Descripcion

En este libro, el cãlebre doctor Carlos Jaramillo ofrece respuestas contundentes a esas pr  
plantea que la clave para un peso ãptimo y una salud plena estã en el metabolismo

A fuego lentoPrecio: 59Cantidad: 20

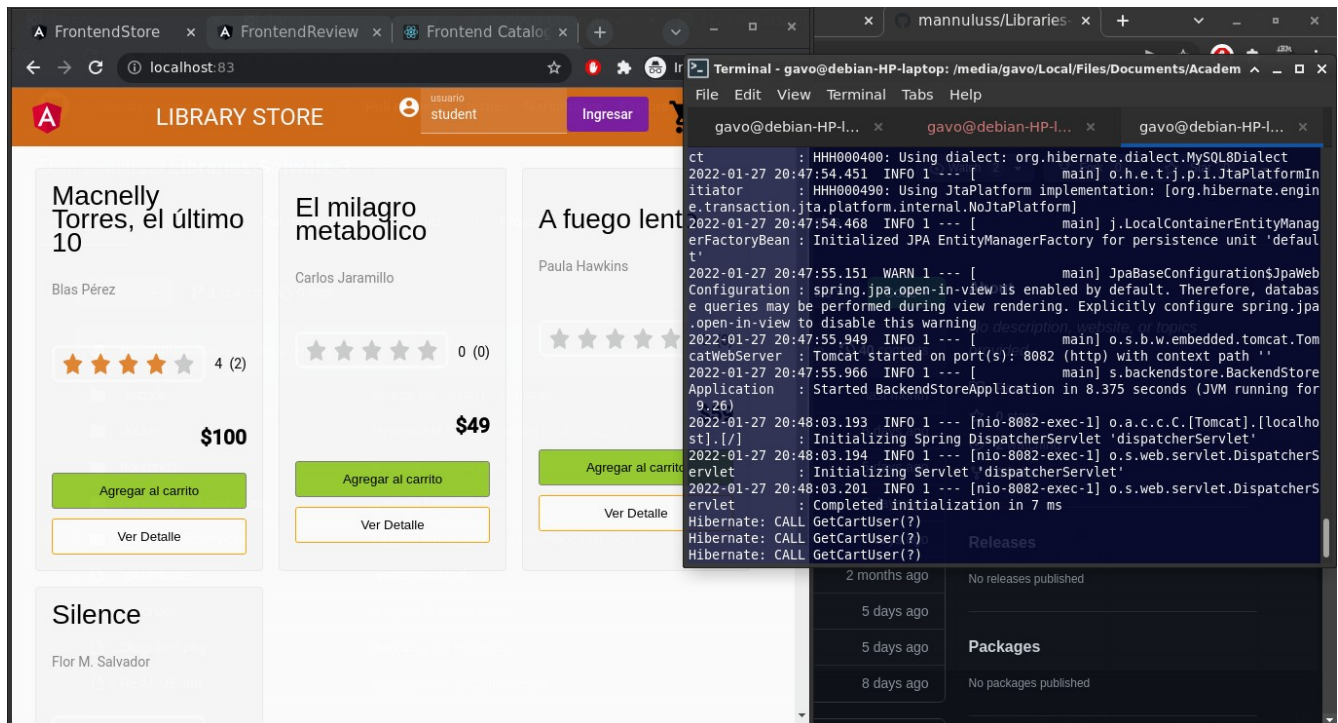
Paula HawkinsISBN:9789584295446

Descripcion

Terminal - gavo@debian-HP-laptop: /media/gavo/Local/Files/Documents/Academico/Ingenieria del software III/talleres/Libraries-Software-3/persistent-microservices

File Edit View Terminal Tabs Help

gavo@debian-HP-laptop: /media/gavo/Local/Files/Documents/Academico/Ingenieria del software III/talleres/Libraries-Software-3/persistent-microservices\$  
t'  
2022-01-27 20:47:42.932 WARN 1 --- [ main] JpaBaseConfiguration\$JpaWeb  
Configuration : spring.jpa.open-in-view is enabled by default. Therefore, databas  
e queries may be performed during view rendering. Explicitly configure spring.jpa  
.open-in-view to disable this warning  
2022-01-27 20:47:43.752 INFO 1 --- [ main] o.s.b.w.embedded.tomcat.Tom  
catWebServer : Tomcat started on port(s): 8081 (http) with context path ''  
2022-01-27 20:47:43.770 INFO 1 --- [ main] example.libraries.CatalogAp  
plication : Started CatalogApplication in 9.214 seconds (JVM running for 10.0  
04)  
2022-01-27 20:48:03.160 INFO 1 --- [nio-8081-exec-1] o.a.c.c.C.[Tomcat].[localho  
st].[/] : Initializing Spring DispatcherServlet 'dispatcherServlet'  
2022-01-27 20:48:03.161 INFO 1 --- [nio-8081-exec-1] o.s.web.servlet.DispatcherS  
ervlet : Initializing Servlet 'dispatcherServlet'  
2022-01-27 20:48:03.170 INFO 1 --- [nio-8081-exec-1] o.s.web.servlet.DispatcherS  
ervlet : Completed initialization in 8 ms  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL AddOrUpdateBook(?, ?, ?, ?, ?)  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL AddOrUpdateBook(?, ?, ?, ?, ?)  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL GetAllBooks()  
Hibernate: CALL GetAllBooks()  
Releases



**Docker-file (También se enviará cómo un archivo adjunto):**

**Comentario:** Se agregó la herramienta `docker-compose-wait` <https://github.com/ufo scout/docker-compose-wait> para garantizar que los servicios de mysql estuviesen funcionando al momento de lanzar las apps que los consumen

```

1  version: "3.1"
2
3  services:
4
5      # REVIEWS
6      mongo:
7          container_name: mongodb-reviews
8          networks:
9              - library-network
10         ports:
11             - '27017:27017'
12         volumes:
13             - 'mongodb-reviews-vol:/data/configdb'
14         image: 'mongo:5.0.5'
15
16     backend-reviews:
17         container_name: backend-reviews
18         networks:
19             - library-network
20         build:
21             context: persistent-microservices/backend-reviews
22             dockerfile: ../docker/Dockerfile
23         ports:
24             - "3000:3000"
25         depends_on:
26             - mongo

```



```

28 frontend-reviews:
29   container_name: frontend-reviews
30   networks:
31   | - library-network
32   build:
33   | context: frontends/frontend-reviews
34   | dockerfile: ./docker/Dockerfile
35   ports:
36   | - "80:80"
37   depends_on:
38   | - backend-reviews
39
40 # CATALOG
41
42 mysql:
43   image: 'mysql:8.0.27'
44   container_name: mysql-library
45   networks:
46   | - library-network
47   environment:
48   | - MYSQL_ROOT_PASSWORD=password
49   | - MYSQL_DATABASE=catalog-library
50   ports:
51   | - '3306:3306'
52   volumes:
53   | - mysql-library-vol:/var/lib/mysql
54   | - ./persistent-microservices/MYSQL-catalog-library.sql:/docker-entrypoint-initdb.d/1.sql
55   | - ./persistent-microservices/MYSQL-store.sql:/docker-entrypoint-initdb.d/2.sql

```

```

57 backend-catalog-library:
58   container_name: backend-catalog-library
59   networks:
60   | - library-network
61   build:
62   | context: persistent-microservices/backend-catalog-library
63   | dockerfile: ./docker/Dockerfile
64   ports:
65   | - "8081:8081"
66   depends_on:
67   | - mysql
68   #Se agregó la herramienta docker-compose-wait para garantizar que los servicios de mysql es
69   command: sh -c "wget https://github.com/ufoscout/docker-compose-wait/releases/download/2.7.
70   environment:
71   | - WAIT_HOSTS=mysql:3306
72   | - WAIT_HOSTS_TIMEOUT=250
73   | - WAIT_SLEEP_INTERVAL=10
74   | - WAIT_HOST_CONNECT_TIMEOUT=20
75
76 frontend-catalog-library:
77   container_name: frontend-catalog-library
78   networks:
79   | - library-network
80   build:
81   | context: frontends/frontend-catalog-library
82   | dockerfile: ./docker/Dockerfile
83   ports:
84   | - "81:80"

```

```
85     depends_on:
86     | - backend-catalog-library
87
88     # STORE
89     backend-store-library:
90       container_name: backend-store-library
91       networks:
92       | - library-network
93       build:
94       | context: persistent-microservices/backend-store
95       | dockerfile: ../docker/Dockerfile
96       ports:
97       | - "8082:8082"
98       depends_on:
99       | - mysql
100     #Se agregó la herramienta docker-compose-wait para garantizar que los servicios de mysql
101     command: sh -c "wget https://github.com/ufoscout/docker-compose-wait/releases/download/2.2.1/docker-compose-wait.tgz; tar -xvf docker-compose-wait.tgz; ./docker-compose-wait"
102     environment:
103     | - WAIT_HOSTS=mysql:3306
104     | - WAIT_HOSTS_TIMEOUT=250
105     | - WAIT_SLEEP_INTERVAL=10
106     | - WAIT_HOST_CONNECT_TIMEOUT=20
107
108     frontend-store:
109       container_name: frontend-store
110       networks:
111       | - library-network
```

```
112     build:
113     | context: frontends/frontend-store
114     | dockerfile: ../docker/Dockerfile
115     ports:
116     | - "83:80"
117     depends_on:
118     | - backend-store-library
119
120     volumes:
121     | mysql-library-vol:
122     | | external: false
123     | mongodb-reviews-vol:
124     | | external: false
125     networks:
126     | library-network:
127     | | external: true
```