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# Examen

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EmilioAG48 edited this page on 5 Aug · 25 revisions

## Ejercicio 1:

Estructura del repositorio.



## Ejercicio 2:

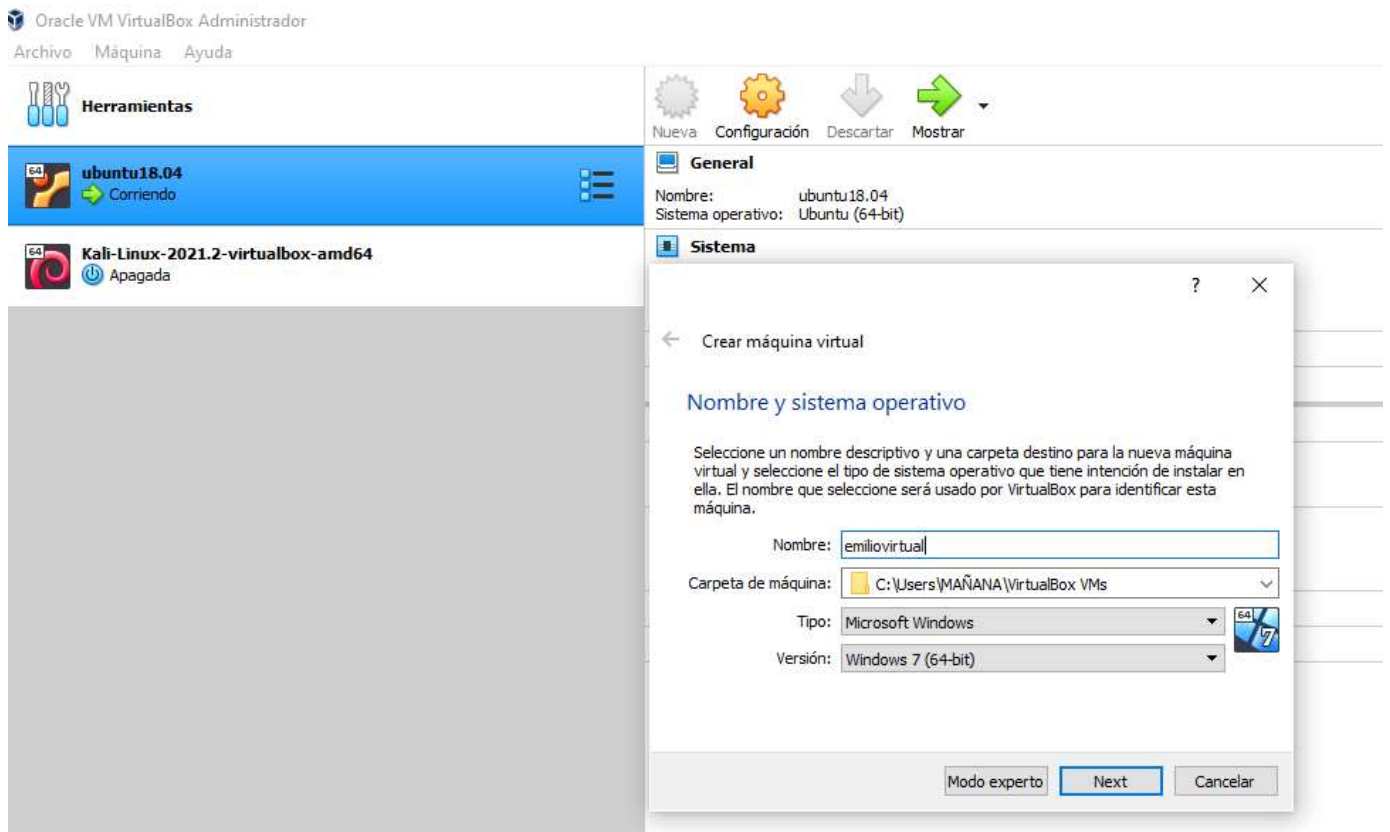
Máquina virtual.

Proceso para crear una máquina virtual.

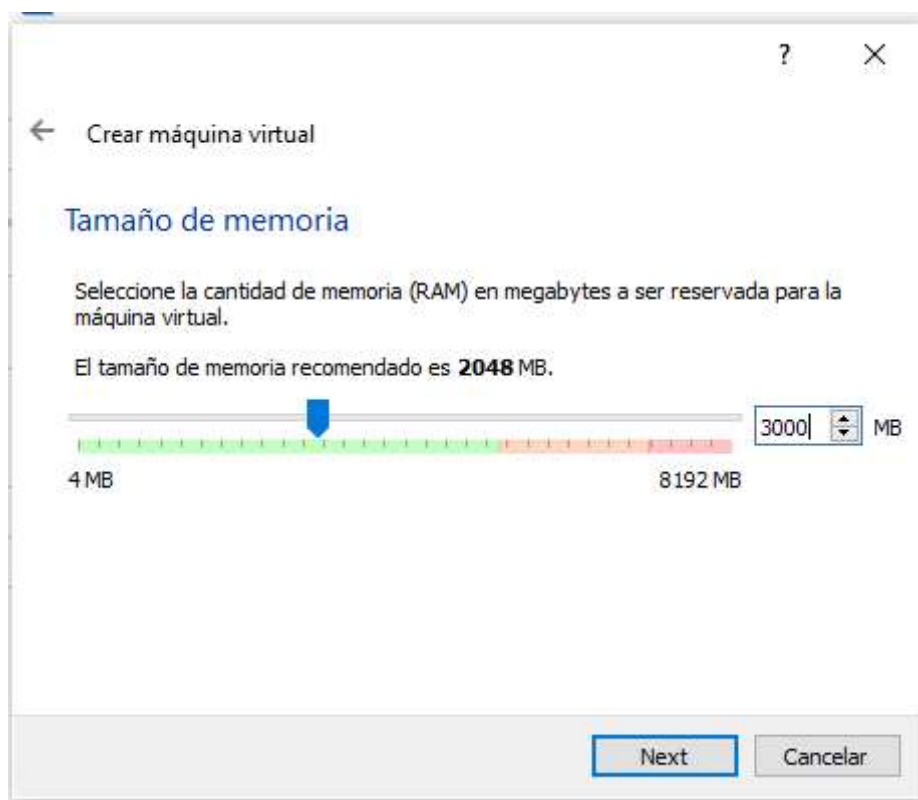
- Para crear una máquina virtual primero tendremos instalado el Virtual Box Machine de Oracle con la que vamos a trabajar.
- Iniciamos virtual Box de Oracle y empezamos el proceso:

En la **opción nueva**, empezamos el proceso.

nos ira guiando todo el proceso lo que debemos hacer.



Por ejemplo seleccionamos 3 gigas de RAM.



El resultado según nuestras opciones es el siguiente.:

Nueva Configuración Descartar Iniciar

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**General**

Nombre: emlio  
Sistema operativo: Windows 7 (64-bit)

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**Sistema**

Memoria base: 3072 MB  
Orden de arranque: Disquete, Óptica, Disco duro  
Aceleración: VT-x/AMD-V, Paginación anidada, Paravirtualización Hyper-V

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**Pantalla**

Memoria de vídeo: 64 MB  
Controlador gráfico: VBoxSVGA  
Servidor de escritorio remoto: Inhabilitado  
Grabación: Inhabilitado

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**Almacenamiento**

Controlador: SATA  
Puerto SATA 0: emlio.vdi (Normal, 10,00 GB)  
Puerto SATA 1: [Unidad óptica] Vacío

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**Audio**

---

**Red**

Adaptador 1: Intel PRO/1000 MT Desktop (NAT)

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**USB**

Controlador USB: OHCI  
Filtros de dispositivos: 0 (0 activo)

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**Carpetas compartidas**

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**Descripción**

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## Ejercicio 3

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### Docker

Buscamos en esta pagina:

▼ [hub.docker.com/\\_/getting-started](https://hub.docker.com/_/getting-started)



**mysql** Official Image ☆

MySQL is a widely used, open-source relational database management system (RDBMS).

↓ 1B+

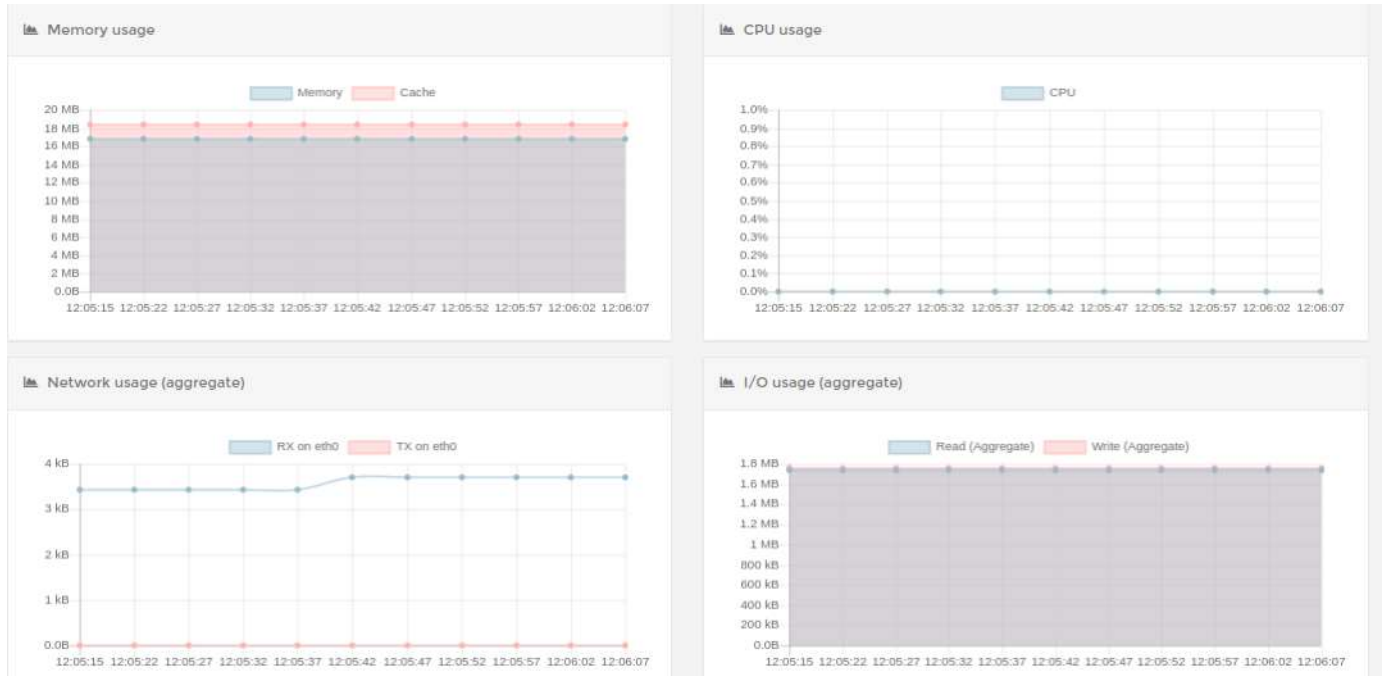
Container Linux x86-64 Databases Official Image

ejecutamos los comandos que nos pide:

```
focyl@focyl-VirtualBox: ~
Archivo  Editor  Ver  Buscar  Terminal  Ayuda
focyl@focyl-VirtualBox:~$ docker run -d getting-started
de05e2294a0589a867a6cfee5e8201606f7c0299605dfe6b513b532b81ced01e
focyl@focyl-VirtualBox:~$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	NAMES	CREATED	STATUS	PORTS
de05e2294a05	getting-started	"docker-entrypoint.s..."	heuristic_nobel	6 seconds ago	Up 4 seconds	

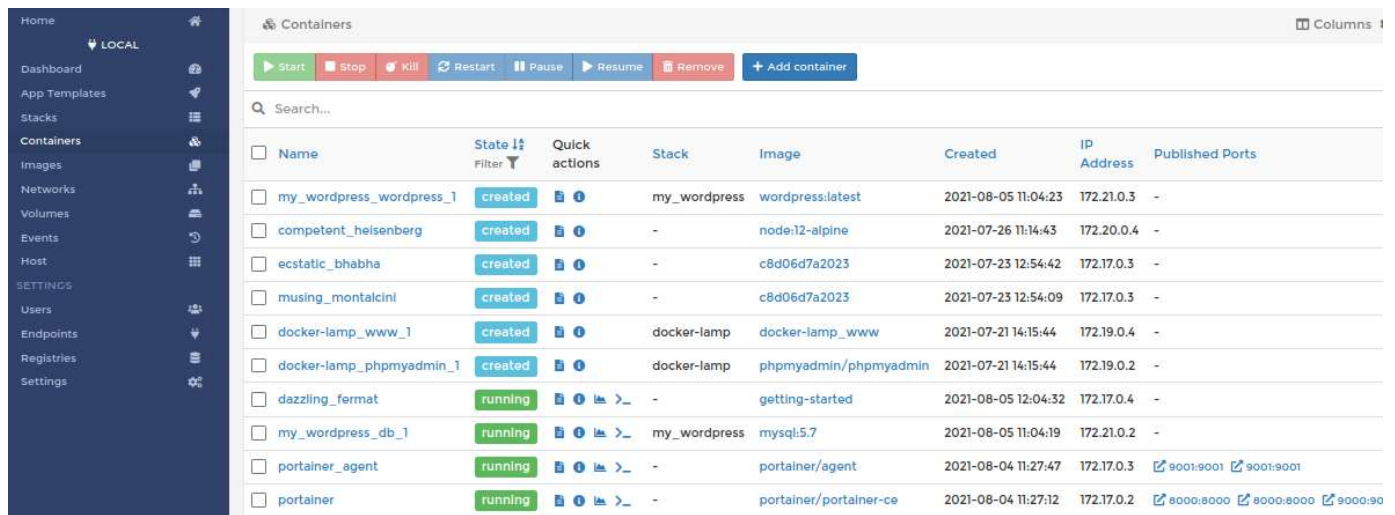
estadísticas:



## Ejercicio 4.

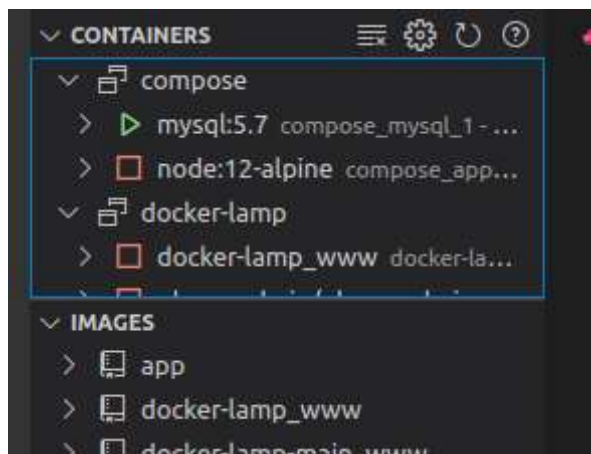
### Docker Compose.

```
focyl@focyl-VirtualBox:~/compose$ docker-compose up -d
Creating network "compose_default" with the default driver
Creating volume "compose_todo-mysql-data" with default driver
Creating compose_mysql_1 ... done
Creating compose_app_1 ... done
focyl@focyl-VirtualBox:~/compose$
```



The screenshot shows the Docker Desktop interface. On the left is a sidebar with navigation options: Home, LOCAL, Dashboard, App Templates, Stacks, Containers, Images, Networks, Volumes, Events, Host, SETTINGS, Users, Endpoints, Registries, and Settings. The main panel displays a list of containers with columns for Name, State, Quick actions, Stack, Image, Created, IP Address, and Published Ports. The containers listed are:

Name	State	Quick actions	Stack	Image	Created	IP Address	Published Ports
my_wordpress_wordpress_1	created	[stop] [kill] [restart] [pause] [resume] [remove]	my_wordpress	wordpress:latest	2021-08-05 11:04:23	172.21.0.3	-
competent_heisenberg	created	[stop] [kill] [restart] [pause] [resume] [remove]	-	node:12-alpine	2021-07-26 11:14:43	172.20.0.4	-
ecstatic_bhabha	created	[stop] [kill] [restart] [pause] [resume] [remove]	-	c8d06d7a2023	2021-07-23 12:54:42	172.17.0.3	-
musling_montalcini	created	[stop] [kill] [restart] [pause] [resume] [remove]	-	c8d06d7a2023	2021-07-23 12:54:09	172.17.0.3	-
docker-lamp_www_1	created	[stop] [kill] [restart] [pause] [resume] [remove]	docker-lamp	docker-lamp_www	2021-07-21 14:15:44	172.19.0.4	-
docker-lamp_phpmyadmin_1	created	[stop] [kill] [restart] [pause] [resume] [remove]	docker-lamp	phpmyadmin/phpmyadmin	2021-07-21 14:15:44	172.19.0.2	-
dazzling_fermat	running	[stop] [kill] [restart] [pause] [resume] [remove]	-	getting-started	2021-08-05 12:04:32	172.17.0.4	-
my_wordpress_db_1	running	[stop] [kill] [restart] [pause] [resume] [remove]	my_wordpress	mysql:5.7	2021-08-05 11:04:19	172.21.0.2	-
portainer_agent	running	[stop] [kill] [restart] [pause] [resume] [remove]	-	portainer/agent	2021-08-04 11:27:47	172.17.0.3	9001:9001
portainer	running	[stop] [kill] [restart] [pause] [resume] [remove]	-	portainer/portainer-ce	2021-08-04 11:27:12	172.17.0.2	8000:8000, 9000:9000



```
version: "3.3"
```

```
services:
```

```
  mysql:
```

```
    image: mysql:5.7
```

```
    volumes:
```

```
      - focyl-mysqldata:/var/lib/mysql
```

```
    ports:
```

```
      - 4408:4408
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: emilio
```

```
      MYSQL_DATABASE: focyl
```

```
  adminer:
```

```
    image: adminer
```

```
    restart: always
```

```
    ports:
```

```
      - 8080:8080
```

```
volumes:
```

```
  focyl-mysqldata:
```

# Ejercicio 5.

## Despliegue de un CMS.

▼ Pages 8
Find a Page...
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▶ Diseño BD
▶ Ejemplos JavaScript
▶ Ejercicio HTML 1, Etiquetas
▶ Ejercicio HTML 3, Receta
▼ Examen <div>Ejercicio 1: Estructura del repositorio.</div> <div>Ejercicio 2: Máquina virtual.</div> <div>Ejercicio 3 Docker</div> <div>Ejercicio 4. Docker Compose.</div> <div>Ejercicio 5. Despliegue de un CMS.</div>
▶ Formulario

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https://github.com/EmilioAG48/IFCD0210.wiki.git

