

Docker Compose – Decomposed

(MySQL-WordPress Example)

Compose file syntax version
(latest 3.7)

```
version: '3.7'
```

Configuration object for
containers

```
services:
```

Name of the Service

```
db:
```

Base Docker image for
container created by **db** service

```
image: mysql:5.7
```

Volume name: Mount Path
within the container

```
volumes:  
- db_data:/var/lib/mysql
```

restart policy set to **"always"**

```
restart: always
```

Passing log-in info through
environment variables in
<key>: <value> form

```
environment:  
- MYSQL_ROOT_PASSWORD: abc  
- MYSQL_DATABASE: wordpress  
- MYSQL_USER: wordpress  
- MYSQL_PASSWORD: wordpress
```

Name of the Second Service

```
wordpress:
```

Explains service dependencies.
wordpress service will start after **db** service.

```
depends_on:  
- db
```

```
image: wordpress:latest
```

Port mapping as strings between
"<host_PORT>:<container_PORT>"

```
ports:  
- "8000:80"
```

```
restart: always
```

```
environment:  
WORDPRESS_DB_HOST: db:3306  
WORDPRESS_DB_USER: wordpress  
WORDPRESS_DB_PASSWORD: wordpress
```

Create a reusable named volume for
both services.

```
volumes:  
db_data:
```

[More Compose Parameters](#)