

Creating a WordPress stack using a Docker Compose file

Create a Docker Compose File:

Create a file named `docker-compose.yml` in your project directory. This file will define your WordPress stack's services, networks, and volumes.

```
version: '3.7'
```

```
services:
```

```
  wordpress:
```

```
    image: wordpress:latest
```

```
    ports:
```

```
      - "8080:80"
```

```
    environment:
```

```
      WORDPRESS_DB_HOST: db
```

```
      WORDPRESS_DB_USER: wordpress
```

```
      WORDPRESS_DB_PASSWORD: password
```

```
      WORDPRESS_DB_NAME: wordpress
```

```
    volumes:
```

```
      - wordpress_data:/var/www/html
```

```
  db:
```

```
    image: mysql:latest
```

```
    environment:
```

```
      MYSQL_ROOT_PASSWORD: password
```

```
      MYSQL_DATABASE: wordpress
```

```
      MYSQL_USER: wordpress
```

```
      MYSQL_PASSWORD: password
```

```
    volumes:
```

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

```
volumes:
```

```
  wordpress_data:
```

```
  db_data:
```

Deploy the WordPress:

Open a terminal in your project directory and use the following command to deploy the WordPress stack:

```
docker-compose up -d
```