

Docker Compose



Nigel Poulton

Author & Trainer

@nigelpoulton | www.nigelpoulton.com



Overview/ Summary



Docker Compose Big Picture

**Deploying and Managing Apps with Docker
Compose**

Recap



Up Next:

Docker Compose Big Picture





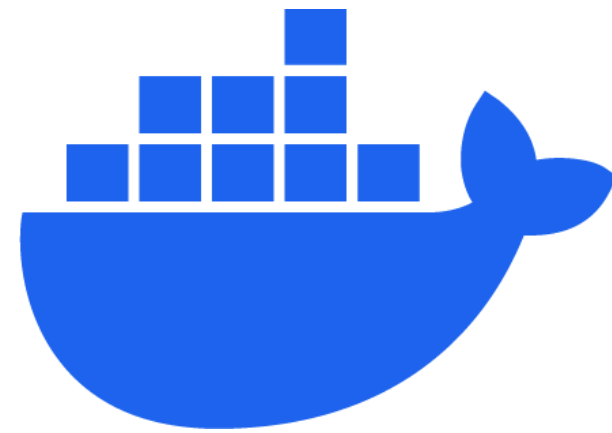
Docker Compose Big Picture





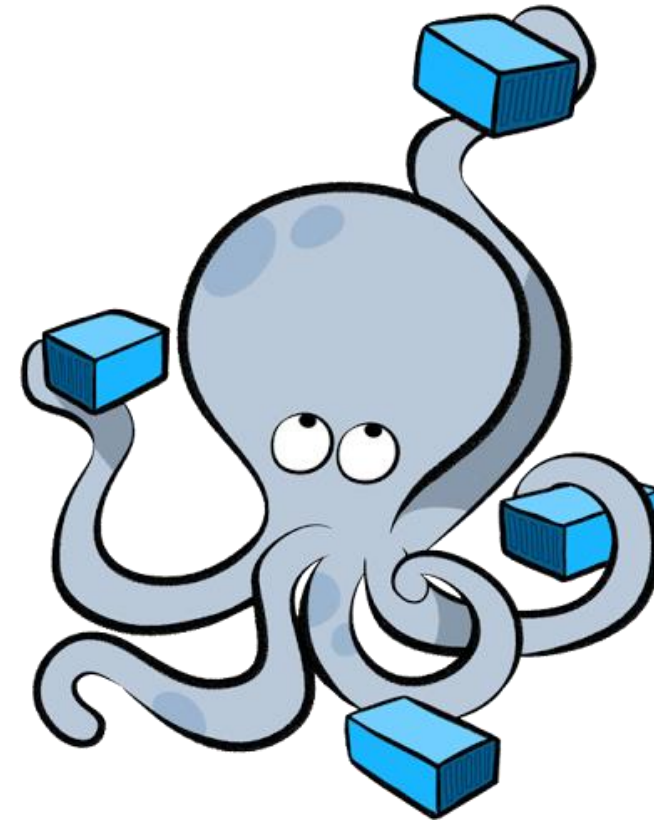
Fig

Mutli-container
apps



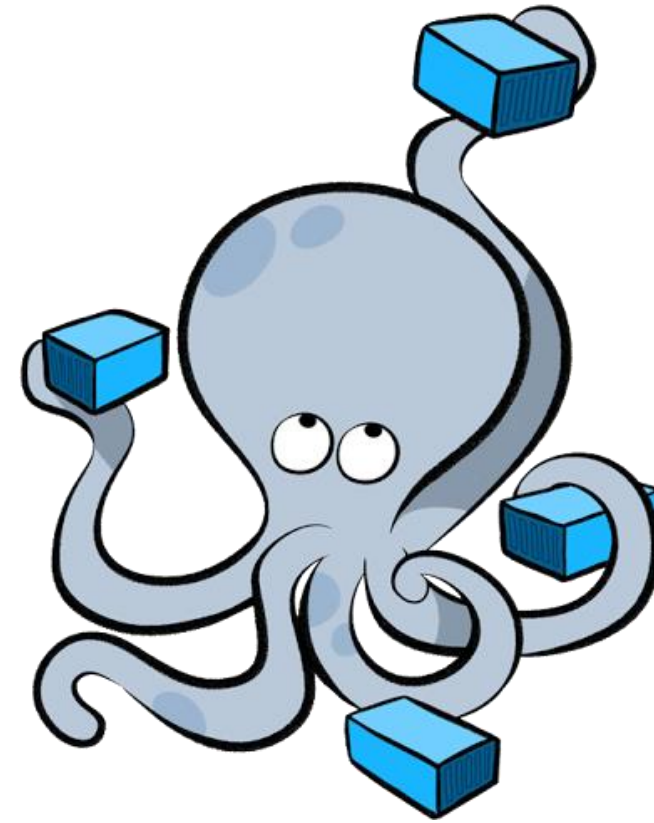
docker





**Mutli-container
apps**





**Mutli-container
apps**



\$ docker compose ...



Up Next:

Deploying and Managing Apps with Docker Compose



Deploying and Managing Apps with Docker Compose



Up Next:

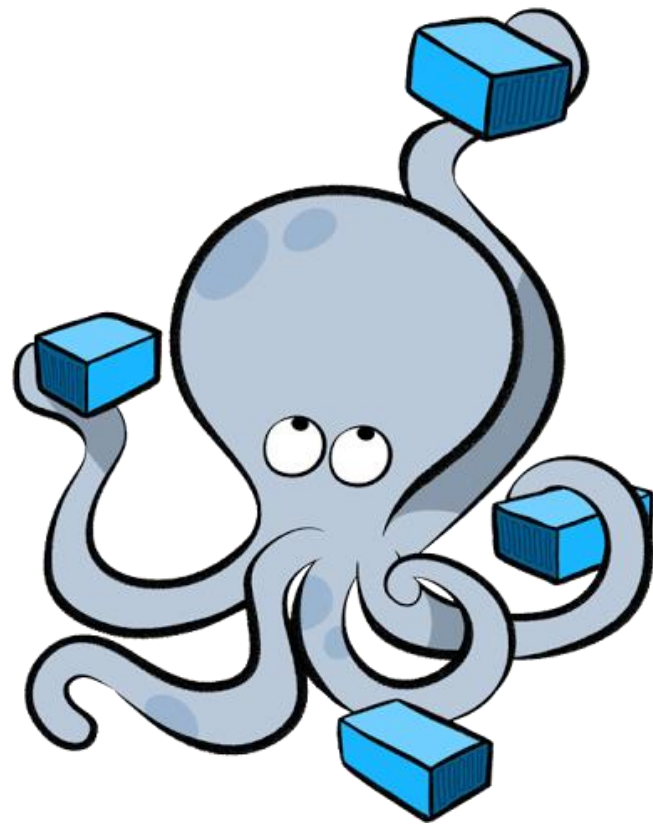
Recap





Recap





Docker Compose

Multi-container apps

Simple YAML files

Dedicated docker compose command





```
services:  
  web-fe  
  ...  
  
  redis  
  ...  
  
networks:  
  counter-net  
  
volumes:  
  counter-vol
```



```
$ docker compose up ...
```



```
services:  
  web-fe  
  ...  
  redis  
  ...  
networks:  
  counter-net  
volumes:  
  counter-vol
```



```
$ docker compose ls
```



services:
web-fe

...

redis

...



networks:
counter-net



volumes:
counter-vol



```
$ docker compose stop
```



```
services:  
  web-fe
```

```
...
```

```
  redis
```

```
...
```



```
networks:  
  counter-net
```



```
volumes:  
  counter-vol
```




```
$ docker compose start
```



```
services:  
  web-fe  
  ...
```

```
  redis  
  ...
```

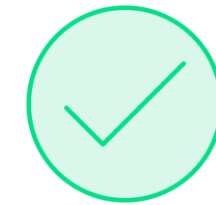


```
networks:  
  counter-net
```



```
volumes:  
  counter-vol
```

```
$ docker compose start
```



```
services:  
  web-fe
```

```
...
```

```
  redis
```

```
...
```



```
networks:  
  counter-net
```



```
volumes:  
  counter-vol
```



```
$ docker compose down
```



```
services:  
  web-fe
```

```
...
```

```
  redis
```

```
...
```



```
networks:  
  counter-net
```



```
volumes:  
  counter-vol
```

```
$ docker compose down
```

```
volumes:  
  counter-vol
```



**Docker Compose, a great tool
for deploying and managing
multi-container apps.**



Up Next:

Production-grade Multi-container Apps

