

Title: Docker compose up keep replace existing container

Post Body:

I got the code from two branches with following config:

docker-compose.yml:

```
version: '3' services:  server:    build: .    restart: always    image: XXXXX    entrypoint: ['./run.sh']    container_name: XXXXX_branch1
```

When I docker compose first branch, it works well, but when I compose up the second branch, the original container become the new branch container, which I want the two branches containers exist at the same time.

When I compose up the second branch code, the following message shows:

```
Recreating XXXXX_branch2 ... done Attaching to XXXXX_branch1
```

Accepted Answer:

Docker compose associates the container with the project name (default directory name) and the service name or container_name if specified. Thus in case both branches have the compose file under the same directory name, and thus the compose files will be interpreted as referring to the same container, which will lead to the container being recreated.

To avoid this situation, you can the `--project-name` option to override the default one (directory name).

```
docker-compose --project-name branch1 up -d docker-compose --project-name branch2 up -d
```

In this case both containers will be created.

But note that if both compose files have the same `container_name` set, there will be a conflict and the second container creation will fail. To avoid that, either use different container names, or remove the `container_name` property, to get the default container name which is `<project_name>_<service_name>_1`

Highest Rated Answer: None