

COMPOSE IS A TOOL FOR DEFINING AND RUNNING MULTI-CONTAINER DOCKER APPLICATIONS. WITH COMPOSE, YOU USE A YAML FILE TO CONFIGURE YOUR APPLICATION'S SERVICES. THEN, WITH A SINGLE COMMAND, YOU CREATE AND START ALL THE SERVICES FROM YOUR CONFIGURATION.

Docker Compose Documentation

DOCKER-COMPOSE

File: docker-compose_clean.yml

```
1 version: '3.5'
2 services:
3   gitlab:
4     image: 'gitlab/gitlab-ce:latest'
5     restart: always
6     hostname: 'gitlab.example.com'
7     environment:
8       GITLAB_OMNIBUS_CONFIG: |
9         external_url 'http://gitlab.example.com'
10        registry_external_url 'https://registry.gitlab.example.com'
11        gitlab_rails['gitlab_shell_ssh_port'] = 2224
12        gitlab_rails['smtp_enable'] = "true"
13        gitlab_rails['smtp_address'] = "some-mail-server.example.com"
14        gitlab_rails['smtp_port'] = "587"
15        gitlab_rails['smtp_user_name'] = "noreply@example.com"
16        gitlab_rails['smtp_password'] = "example_password"
17        gitlab_rails['smtp_domain'] = "example.com"
18        gitlab_rails['smtp_authentication'] = ""
19        gitlab_rails['smtp_tls'] = "true"
20        gitlab_rails['registry_enabled'] = "true"
21        gitlab_rails['registry_host'] = "registry.gitlab.example.com"
22        gitlab_rails['registry_port'] = "5000"
23        gitlab_rails['gitlab_default_projects_features_container_registry'] = "true"
24        gitlab_rails['registry_path'] = "/opt/storage/gitlab/gitlab-rails/shared/registry"
25        nginx['real_ip_header'] = "X-Real-IP"
26        nginx['real_ip_recursive'] = "on"
27        nginx['listen_https'] = false
28        nginx['listen_port'] = 80
29        registry_nginx['ssl_certificate'] = "/gitlab/certs/fullchain.pem"
30        registry_nginx['ssl_certificate_key'] = "/gitlab/certs/privkey.pem"
31     ports:
32       - "8081:80"
33       - "2224:22"
34       - "5000:5000"
35     volumes:
36       - "/opt/storage/gitlab/config:/etc/gitlab"
37       - "/opt/storage/gitlab/logs:/var/log/gitlab"
38       - "/opt/storage/gitlab/data:/var/opt/gitlab"
39       - "/gitlab/certs:/gitlab/certs"
```