- description :
- author :   5
- email : hgkim@repia.com
- lastupdate : 2022-11-22 Thu

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-

?

-   .
-   (YAML   )   ,
  `yaml`   .
-

YAML (YAML Ain't Markup Language)

-   .
- Space   .

★   **- tab**   .   .   .

docker-compose.yml

1. `YAML`   .
2.   `.yml`, `.yaml`   .
3. **key / value**   .
4.   .
5.   (:)   . ex)`image: centos:7.9.2009`
6.   (-)   .
7.   (#)   .

★   -   (:)   .   .

Last
update:
2022/11/22
11:14
wiki:3party:docker
http://125.132.25.164/dokuwiki/doku.php?id=wiki:3party:docker:%EB%8F%84%EC%BB%A4%EC%BB%B4%ED%8F%AC%EC%A6%88_%EC%82%AC%EC%9A%A9%EB%B2%95&rev=1669083299

docker compose

```
=====Top level 4    (                )= = = = =
```

```
version: () -
services: (docker container) -                    .
volumes: (docker volume) -                  .
networks: (docker network) -                 .
```

4   .

- •   .

compose file

`docker-compose.yml`   compose file format   .

1. Version 1   .
   ○ networking
   ○   bridge   IP

   ○   links
2. Version 2   (2.x)   . (2.0   .)
   ○ yml   ex) 2.1
   ○   **services**
   ○ volumes   Named volumes
   ○ networks   Network
   ○
                                          .
      .
3. Version 3   .

Docker Compose

- **docker-compose.yaml**   (   )
- •   .

```
1. docker-compose up                     #
2. docker-compose down                   #
3. docker-compose start/stop/restart     #                          /       /
4. docker-compose kill                   #                        SIGKH
5. docker-compose pause/ unpause         #                /
```

```
6. --build                                    #
       .
```

Docker Compose

-d	
–no-deps	
–build	
-t	(10)

Docker Compose.yml

version :		
services :		
volumes :	Mount	
build :		service
context :	Dockerfile	build
dockerfile :	Dockerfile	build
image :		build
command :	container	service
entrypoint :	container	service
environment :		service
container_name :		service
links :		service
ports :	Host	service
expose :		service

```
1. hgkim@LAPTOP-266L93S4:/usr/bin$ sudo mkdir DockerCompose
# DockerCompose                   .
2. hgkim@LAPTOP-266L93S4:/usr/bin/DockerCompose$ sudo vi Dockerfile
#
                              .
3. hgkim@LAPTOP-266L93S4:/usr/bin/DockerCompose$ sudo vi docker-compose.yml
#
                       .


### docker-compose.yml
version: "3.9"                   #
services:                        #
 apserver:                       #
   build:                        #              Dockerfile
    context: .            #Dockerfile     .'.'
   ports:                 #Port
   - '22:22'
   - '7100-7110:7100-7110'
```

```
  - '80:80'
  - '8080:8080'
user: root
privileged: true              #              Unprivileged            ,
                                               ,
 .
  container_name: rsa_server #                            .
```

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