

5 tips to learn Docker effectively for beginners

To keep up with this new technology trend, many people are starting to learn Docker. For beginners familiar with Docker, please refer to the article below to achieve high results.

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2. Why should you learn Python programming language?
3. Form a way of thinking like a programmer

Recently Docker is being discussed and has gained a lot of attention in the technology community around the world, with many promises in the future. Big tech firms like Google, Amazon, Microsoft, IBM . have started supporting Docker on their platforms. To keep up with this new technology trend, many people are starting to learn Docker. For beginners familiar with Docker, please refer to the article below to achieve high results.

What is Docker?

Define

Docker is an open platform for programmers, system administrators to build, transport, and run distributed applications. Originally written in Python, it has now moved to Go Lang.

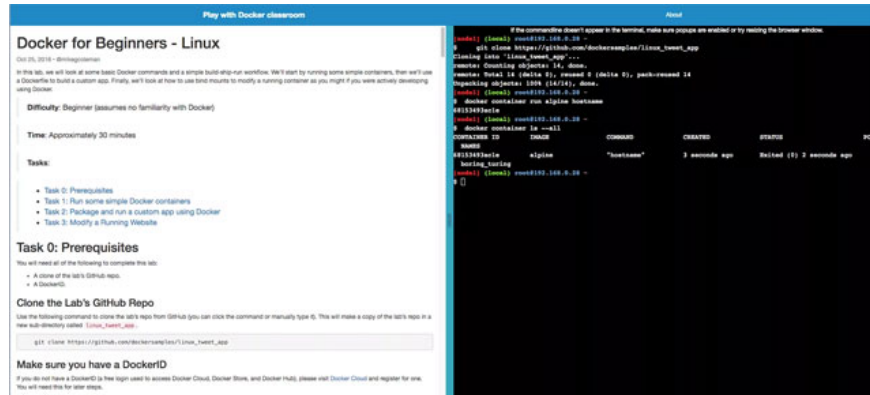
The main components

1. Docker Engine: is the main component of Docker, as a tool to package applications
2. Docker Hub: is a cloud service to share applications and automate sequence of continuous jobs, can manipulate pull / push with images

Some concepts

1. Docker images: is a 'read-only template'. For example, an image contains Apache pre-installed Apache operating system and web application
2. Docker registries: A repository containing images. Users can create their images and upload them here or download shared images
3. Docker container: works like a directory, containing all the things needed for an application to run. Each docker container is created from an image docker. Operations with a container: run, turn on, stop, move, and delete
4. Dockerfile: is a file that contains a set of commands that Docker can read and execute to encapsulate a user-requested image.
5. Orchestration: are tools and services used to coordinate and manage many containers so that they work most effectively

1. Play with Docker: Docker playground



Play with Docker (PWD) is a website that helps you find all the information and learn about Docker. With Play with Docker users can run Docker commands in seconds. Not only that, you also have the opportunity to experience the Linux Virtual Machine in the browser, where you can build and run Docker's containers, even create groups.

2. DockerCon 2018

If you have the conditions and want to experience new things from Docker, you can attend DockerCon 2018 which will take place at the Moscone Center, San Francisco from June 13-15, 2018. Here you can study ask, share good experiences about Docker. The purpose of DockerCon 2018 is to help programmers improve their skills and seek inspiration. In two days of training, with more than 100 sharing sessions, free workshops, free laboratories, and experiences shared by each participant.

3. Docker Meetups

If you are in Hanoi, you can also Docker Hanoi here. In addition, in each country you can also find yourself a group, your partner goes to Docker near you. Participating in Docker Meetups is a way to learn and share Docker experiences quickly.

4. Follow the experts on Docker



In addition to the above, you can also go to social networking sites or specialized Docker websites that will have experts, here click them. Now you can easily learn, shape, mentor, coder, contributors, content creators, builders of tools, speakers, instructors, maintainers, and SuperUsers. They all have to work actively to maintain the programs. You can filter professionals based on location, expertise and more.

5. Participate in certification training courses

You can also take training courses at any center to get a certificate. By participating in these courses you will have the opportunity to learn more about the mechanism, how to manage and create Docker images .

Good luck!

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