

Docker

Docker教程

最好的Docker教程是PluralSight.com上的Docker Deep Dive，非常棒，由浅入深，要点清晰。看完这个课程，你对Docker的了解要超过90%的听说过Docker的人。

分享

我曾经做过题为《Docker - 概念和应用》的分享，PPT见百度云盘

Demo用到的命令记录，见附件 Docker Demo Commands.txt



常用命令

命令	示例	作用	备注
docker rmi odoo			
docker exec -it container bash			
docker stats container_1 container_2		查看container的资源占用情况	

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编辑

升级

Upgrade docker on CentOS 7

<http://stackoverflow.com/questions/26472586/upgrade-docker-on-centos-7>

UI工具

Docker管理工具Web UI: DockerUI & Shipyard

<http://dockone.io/article/225>

如何制作交通灯并用Docker运行

<http://dockone.io/article/1159>

【实战】五个Docker监控工具的对比

<http://dockone.io/article/397>

试过其中的CAdvisor，安装非常简单，如下

```
docker run \
--volume=:/rootfs:ro \
--volume=/var/run:/var/run:rw \
--volume=/sys:/sys:ro \
--volume=/var/lib/docker:/var/lib/docker:ro \
--publish=8085:8080 \
--detach=true \
--name=cadvisor \
google/cadvisor:latest
```

Trouble Shooting

当遇到devmapper: Error unmounting device
错误的时候，可以删除/var/lib/docker（注意会删除image和container），然后重新机器，再重新启动Docker。

见: [Can't run Docker container due device mapper error](#)

容器管理

见子页面

供应商

Rancher

<https://github.com/rancher/rancher>

Rancher使用入门

<http://studygolang.com/articles/6818>

Rancher 概述

<http://rancher.hidocker.io/overview/overview.html>

Rancher 实战红宝书

<https://www.gitbook.com/book/martinliu/rancher-docs/details>

CSphere

相关书籍

Docker 容器与容器云-浙大SEL实验室

<https://book.douban.com/subject/26593175/>

Kubernetes权威指南——从Docker到Kubernetes实践全接触

<https://book.douban.com/subject/26689184/>

相关讲座

阿里Docker夜校

<http://www.atatech.org/articles/56416>


参考资料

Awesome Docker


<https://github.com/veggie Monk/awesome-docker>


How to copy docker images from one host to another without via repository?

<http://stackoverflow.com/questions/23935141/how-to-copy-docker-images-from-one-host-to-another-without-via-repository>

 You will need to save the docker image as a tar file:

252 `docker save -o <save image to path> <image name>`

 Then copy your image to a new system with regular file transfer tools such as `cp` or `scp`. After that you will have to load the image into docker:

 `docker load -i <path to image tar file>`

PS: You may need to `sudo` all commands.

Squashing docker images

<http://jasonwilder.com/blog/2014/08/19/squashing-docker-images/>

A Brief Primer on Docker Networking Rules: EXPOSE, -p, -P, --link

<https://www.ctl.io/developers/blog/post/docker-networking-rules/>

Docker Adoption

<http://www.datadoghq.com/docker-adoption>

Real Docker Adoption Is Up 5x in One Year

Docker Now Runs on 6% of the Hosts We Monitor

2/3 of Companies That Try Docker Adopt It

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Resource management in Docker —— 资源分配相关问题

<https://goldmann.pl/blog/2014/09/11/resource-management-in-docker/>