

Docker从入门到实践

Subtitle

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Docker从入门到实践

- https://github.com/yeasy/docker_practice

分布式系统

- <https://www.zhihu.com/question/23645117>
- [Distributed systems for fun and profit](#)

Docker扩展命令

新建 /etc/profile.d/docker.sh , 代码如下。 使登录后生效

```
# Some useful commands to use docker.
# Author: yeasy@github
# Created:2014-09-25

alias docker-pid="sudo docker inspect --format '{{.State.Pid}}'"
alias docker-ip="sudo docker inspect --format '{{.NetworkSettings.IPAddress}}'"

#the implementation refs from https://github.com/jpetazzo/nsenter/blob/master/docker-enter
function docker-enter() {
    #if [ -e "$(dirname "$0")/nsenter ]; then
    #Change for centos bash running
    if [ -e "$(dirname "$0")/nsenter ]; then
        # with boot2docker, nsenter is not in the PATH but it is in the same folder
        NSENTER=$(dirname "$0")/nsenter
    else
        # if nsenter has already been installed with path notified, here will be clarified
        NSENTER=$(which nsenter)
        #NSENTER=nsenter
    fi
    [ -z "$NSENTER" ] && echo "WARN Cannot find nsenter" && return

    if [ -z "$1" ]; then
        echo "Usage: `basename "$0"` CONTAINER [COMMAND [ARG]...]"
        echo ""
        echo "Enters the Docker CONTAINER and executes the specified COMMAND."
        echo "If COMMAND is not specified, runs an interactive shell in CONTAINER."
    else
        PID=$(sudo docker inspect --format "{{.State.Pid}}" "$1")
        if [ -z "$PID" ]; then
            echo "WARN Cannot find the given container"
            return
        fi
        shift

        OPTS="--target $PID --mount --uts --ipc --net --pid"

        if [ -z "$1" ]; then
```

```
# No command given.  
# Use su to clear all host environment variables except for TERM,  
# initialize the environment variables HOME, SHELL, USER, LOGNAME, PATH,  
# and start a login shell.  
#sudo $NSENTER "$OPTS" su - root  
sudo $NSENTER --target $PID --mount --uts --ipc --net --pid su - root  
else  
# Use env to clear all host environment variables.  
sudo $NSENTER --target $PID --mount --uts --ipc --net --pid env -i $@  
fi  
fi  
}
```

标题

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