## docker命令

### docker run -it --name=xxx imageId /bin/bash

run：运行容器

-i：交互式

-t：运行后进入命令行

-d：后台运行

--name：指定创建后的容器名

-p 宿主端口:容器端口

-P：随机端口

-e：增加环境变量

-c：执行语句

-rm：用完就删除，测试用

/bin/bash：

docker stats：查看cpu状态

### docker exec -it containerId /bin/bash

exec：进入运行中的容器

/bin/bash：进入后要执行的命令

## docker-compose.yml和Dokcerfile

docker-compose up执行时，会

|  |
| --- |
| 梯控项目中的Dockerfile |
| FROM java:8  ENV LANG C.UTF-8  ENV TZ=Asia/Shanghai  RUN ln -snf /usr/share/zoneinfo/$TZ /etc/localtime && echo $TZ > /etc/timezone  WORKDIR /app  ADD ./build /app |

|  |
| --- |
| 梯控项目中的docker-compose.yml |
| **version: '3.4'**  **services:**  evevator8: 服务名（自定义）  **image**: evevator8 镜像名或ID  **build**: ./ 基于Dockerfile，指定Dockerfile的路径  **command**: java -jar ladder-0.0.1-SNAPSHOT.jar --server.port=18087 --server.ridge=8 --server.minFloor=-1 --server.maxFloor=8 --weiban.port=20301 --weiban.ip=10.3.64.11 --server.http.address=https://lift.duoyioa.com --my\_websocket.port=8077  **restart**: always  **network\_mode**: host  **volumes**:  - ./logs:/app/logs  ./logs是docker-compose.yml的同级logs目录，/app/logs是容器中的目录 |

|  |
| --- |
| ELK205上的docker-compose.yml |
| **version:** '3.2'  **services:**  elasticsearch:  **build:**  context: elasticsearch/  args:  ELK\_VERSION: $ELK\_VERSION  **volumes:**  - type: bind  source: ./data  target: /usr/share/elasticsearch/data  - type: bind  source: ./elasticsearch/config/elasticsearch.yml  target: /usr/share/elasticsearch/config/elasticsearch.yml  read\_only: true  - type: bind  source: ./elasticsearch/config/jvm.options  target: /usr/share/elasticsearch/config/jvm.options  read\_only: true  - type: bind  source: ./ik/\*  target: /usr/share/elasticsearch/plugins/  **environment:**  ELASTIC\_PASSWORD: changeme  discovery.type: ''  node.name: es-1  discovery.seed\_hosts: 10.93.202.205,10.85.204.39,10.105.64.103  cluster.initial\_master\_nodes: 10.93.202.205,10.85.204.39,10.105.64.103  node.max\_local\_storage\_nodes: '3'  **network\_mode**: host  logstash:  **build:**  context: logstash/  args:  ELK\_VERSION: $ELK\_VERSION  **volumes:**  - type: bind  source: ./logstash/config/logstash.yml  target: /usr/share/logstash/config/logstash.yml  read\_only: true  - type: bind  source: ./logstash/pipeline  target: /usr/share/logstash/pipeline  read\_only: true  - type: bind  source: ./logstash/template  target: /usr/share/logstash/template  read\_only: true  **environment:**  LS\_JAVA\_OPTS: "-Xmx512m -Xms512m"  **network\_mode:** host  **depends\_on:**  - elasticsearch  kibana:  **build:**  context: kibana/  args:  ELK\_VERSION: $ELK\_VERSION  **volumes:**  - type: bind  source: ./kibana/config/kibana.yml  target: /usr/share/kibana/config/kibana.yml  read\_only: true  **network\_mode:** host  **depends\_on:**  - elasticsearch |

### docker logs

docker logs -f

docker logs -t 显示时间戳

docker logs --tail=100

docker logs --since=30m 过去30分钟日志

docker logs --since=”2020-10-30T10:20:50”

docker logs --until=”2020-10-30T10:20:50”