1、拉取CentOS7的镜像

# docker pull centos:7

7: Pulling from library/centos

Digest: sha256:6f6d986d425aeabdc3a02cb61c02abb2e78e57357e92417d6d58332856024faf

Status: Image is up to date for centos:7

2、使用CentOS7镜像启动新的容器

# docker run -it --name=centos7java8 centos:7

# mkdir -p /usr/local/soft

3、传入jdk-8u161-linux-x64.rpm，安装，并配置环境变量

# sudo rpm -ivh jdk-8u161-linux-x64.rpm

# vi /etc/profile

JAVA\_HOME=/usr/java/jdk1.8.0\_161

JRE\_HOME=/usr/java/jdk1.8.0\_161/jre

PATH=$PATH:$JAVA\_HOME/bin:$JRE\_HOME/bin

CLASSPATH=.:$JAVA\_HOME/lib/dt.jar:$JAVA\_HOME/lib/tools.jar:$JRE\_HOME/lib

export JAVA\_HOME JRE\_HOME PATH CLASSPATH

# source /etc/profile

# exit

4. docker commit创建容器

# docker commit c609d92cb03f alex/java:8

sha256:eeedb2731a38b61ba9839104984f070f889ad82f6f70e9c12010f0a5e9c06c1b

# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

alex/java 8 eeedb2731a38 About a minute ago 579MB

参考：

1. https://segmentfault.com/a/1190000002567459