

base

```
FROM ubuntu:trusty

#RUN apt-get update; apt-get install -y unzip openjdk-7-jre-headless wget supervisor docker.io openssh-server
#RUN apt-get update; apt-get install wget supervisor docker.io openssh-server --assume-yes

ADD jdk-8u231-linux-x64.tar.gz /usr/local/
RUN ln -s /usr/local/jdk1.8.0_231 /usr/local/jdk \
    && apt-get update \
    && apt-get install wget supervisor docker.io openssh-server --assume-yes \
    && cp /usr/share/zoneinfo/Asia/Shanghai /etc/localtime \
    && echo "Asia/Shanghai" > /etc/timezone \
    && rm -rf /var/lib/apt/lists/* \
    && echo 'root:ziyunhxpss' | chpasswd \
    && mkdir /var/run/sshd \
    && sed -i 's/PermitRootLogin without-password/PermitRootLogin yes/' /etc/ssh/sshd_config

ENV JAVA_HOME="/usr/local/jdk"
ENV JRE_HOME="$JAVA_HOME/jre" \
    CLASSPATH=".:$JAVA_HOME/lib/tools.jar:$JAVA_HOME/lib/dt.jar" \
    PATH="$JAVA_HOME/bin:$JRE_HOME/bin:$PATH"

#RUN ln -s /usr/local/jdk1.8.0_231 /usr/local/jdk
#ENV JAVA_HOME /usr/local/jdk
#ENV JRE_HOME $JAVA_HOME/jre
#ENV CLASSPATH :$JAVA_HOME/lib/tools.jar:$JAVA_HOME/lib/dt.jar
#ENV PATH $JAVA_HOME/bin:$JRE_HOME/bin:$PATH

#ENV JAVA_HOME /usr/lib/jvm/java-7-openjdk-amd64/
#RUN echo 'root:ziyunhxpss' | chpasswd
#RUN mkdir /var/run/sshd
#RUN sed -i 's/PermitRootLogin without-password/PermitRootLogin yes/' /etc/ssh/sshd_config
#RUN cp /usr/share/zoneinfo/Asia/Shanghai /etc/localtime

#EXPOSE 22
```

zookeeper

```
FROM localstorm/base

RUN wget -q -O - https://archive.apache.org/dist/zookeeper/zookeeper-3.4.9/zookeeper-3.4.9.tar.gz | tar -xzf - -C /opt \
    && mv /opt/zookeeper-3.4.9/conf/zoo_sample.cfg /opt/zookeeper-3.4.9/conf/zoo.cfg

ENV ZK_HOME /opt/zookeeper-3.4.9
RUN sed -i "s|/tmp/zookeeper|${ZK_HOME}/data|g" $ZK_HOME/conf/zoo.cfg; mkdir $ZK_HOME/data

ADD start-zk.sh /usr/bin/start-zk.sh

EXPOSE 2181 2888 3888

WORKDIR /opt/zookeeper-3.4.9
VOLUME ["/opt/zookeeper-3.4.9/conf", "/opt/zookeeper-3.4.9/data"]

CMD /usr/sbin/sshd && start-zk.sh
```

storm

FROM localstorm/base

```
ENV STORM_HOME /opt/apache-storm-1.2.2
RUN wget -q -O - https://archive.apache.org/dist/storm/apache-storm-1.2.2/apache-storm-1.2.2.tar.gz | tar -xzf - -C /opt \
  && groupadd storm; useradd --gid storm --home-dir /home/storm --create-home --shell /bin/bash storm; chown -R
storm:storm $STORM_HOME; mkdir /var/log/storm; chown -R storm:storm /var/log/storm \
  && ln -s $STORM_HOME/bin/storm /usr/bin/storm

ADD storm.yaml $STORM_HOME/conf/storm.yaml
ADD cluster.xml $STORM_HOME/logback/cluster.xml
ADD config-supervisord.sh /usr/bin/config-supervisord.sh
ADD start-supervisor.sh /usr/bin/start-supervisor.sh

RUN echo [supervisord] | tee -a /etc/supervisor/supervisord.conf; echo nodaemon=true | tee -a
/etc/supervisor/supervisord.conf
```

nimbus

FROM localstorm/storm

```
RUN /usr/bin/config-supervisord.sh nimbus
RUN /usr/bin/config-supervisord.sh drpc

EXPOSE 6627 3772 3773
ADD start-supervisor.sh /usr/bin/start-supervisor.sh
CMD /usr/bin/start-supervisor.sh
```

supervisor

FROM localstorm/storm

```
RUN apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys
3FA7E0328081BFF6A14DA29AA6A19B38D3D831EF \
  && apt-get update \
  && apt-get install -y apt-transport-https \
  && echo "deb https://download.mono-project.com/repo/ubuntu stable-trusty main" | sudo tee
/etc/apt/sources.list.d/mono-official-stable.list \
  && apt-get update \
  && apt-get install -y mono-complete \
  && wget -q https://packages.microsoft.com/config/ubuntu/14.04/packages-microsoft-prod.deb \
  && dpkg -i packages-microsoft-prod.deb \
  && apt-get update \
  && apt-get install -y dotnet-sdk-2.1 \
  && rm -rf /var/lib/apt/lists/*

EXPOSE 6700
EXPOSE 6701
EXPOSE 6702
EXPOSE 6703
EXPOSE 8000

RUN /usr/bin/config-supervisord.sh supervisor \
  && /usr/bin/config-supervisord.sh logviewer
CMD /usr/bin/start-supervisor.sh
```

ui

FROM localstorm/storm

```
RUN /usr/bin/config-supervisord.sh ui
```

```
EXPOSE 8080
```

```
CMD /usr/bin/start-supervisor.sh
```

docker-compose.yml

```
zookeeper:
  image: localstorm/zookeeper
  container_name: storm_zookeeper
  #ports:
  #  - "2182:2181"
  #  - "22"
nimbus:
  image: localstorm/storm-nimbus
  container_name: storm_nimbus
  ports:
    - "3773:3773"
    - "3772:3772"
    - "6627:6627"
  #  - "22"
  links:
    - zookeeper:zk
supervisor:
  image: localstorm/storm-supervisor
  container_name: storm_supervisor1
  ports:
    - "8000:8000"
  #  - "22"
  links:
    - nimbus:nimbus
    - zookeeper:zk
supervisor1:
  image: localstorm/storm-supervisor
  container_name: storm_supervisor2
  ports:
    - "8001:8000"
  #  - "22"
  links:
    - nimbus:nimbus
    - zookeeper:zk
ui:
  image: localstorm/storm-ui
  container_name: storm_ui
  ports:
```

- "8080:8080"

#- "22"

links:

- nimbus:nimbus

- zookeeper:zk