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# Scala/Java/WebApp
# Date: 2014.02.21
# Pupose: Build a ubunut 12.04 based container whith openjdk and tomcat installed
# Author: Michael KlÃ¶ckner
# Version: 0.1
#

# pull the base image off the registry
#FROM registry.im7.de:5000/ubuntu/12.04
FROM ubuntu

# who we are
MAINTAINER Michael KlÃ¶ckner <mkl AT im7 DOT de>

# lazy of typing the same stuff:
ENV APT_INST apt-get install -y --no-install-recommends
#
RUN apt-get update
RUN $APT_INST apt-utils

RUN $APT_INST apt-utils
RUN $APT_INST wget
RUN $APT_INST zip
RUN $APT_INST git
RUN $APT_INST vim
RUN $APT_INST lynx
RUN $APT_INST sudo
RUN $APT_INST unzip

# insall tomcat
RUN $APT_INST tomcat7

# install scala/lift web app
ENV WEBAPP_BASIC /opt/lift_26_sbt-master/scala_210/lift_basic
ENV WEBAPP_BLANK /opt/lift_26_sbt-master/scala_210/lift_blank

RUN wget -O /tmp/master.zip https://github.com/Lift/Lift_26_sbt/archive/master.zip
RUN unzip -d /opt/ /tmp/master.zip
RUN rm -f /tmp/master.zip

# create user ubuntu with password 'werdenn123'
#ENV USER_NAME ubuntu
#ENV USER_PASSWD werdenn123
#RUN useradd -d /home/$USER_NAME -c "$USER_NAME USER" -m -s /bin/bash -p $(echo "$USER_PASSWD" | openssl passwd -1 -stdin) $USER_NAME

#####
#
# STARTING DEPLOYMENT NOW !!!
#
# BETTER SPLITT DOCKERFILE HERE
# TAG UPPER PART AS IMAGE FOO
# AND UNCOMMENT NEXT LINES
#
#FROM FOO
# who we are
#MAINTAINER Michael KlÃ¶ckner <mkl AT im7 DOT de>
#####

# remove old web app source
RUN rm -rf $WEBAPP_BASIC/src*
RUN rm -rf $WEBAPP_BLANK/src*
```

```
# git clone the repo
ENV GIT_BLANK https://github.com/radiomix/scala-blank.git
ENV GIT_BASIC https://github.com/radiomix/scala-basic.git
RUN git clone $GIT_BASIC $WEBAPP_BASIC/src
RUN git clone $GIT_BLANK $WEBAPP_BLANK/src

# compile new web app source
RUN cd $WEBAPP_BASIC/ && ./sbt compile
RUN cd $WEBAPP_BLANK && ./sbt compile

# package new web app source
RUN cd $WEBAPP_BASIC/ && ./sbt package
RUN cd $WEBAPP_BLANK/ && ./sbt package

# remove old web app code
RUN service tomcat7 stop
RUN rm -rf /var/lib/tomcat7/webapps/blank*
RUN rm -rf /var/lib/tomcat7/webapps/basic*

# deploy the two apps
RUN cp $WEBAPP_BASIC/target/scala-2.10/*.war /var/lib/tomcat7/webapps/basic.war
RUN cp $WEBAPP_BLANK/target/scala-2.10/*.war /var/lib/tomcat7/webapps/blank.war

# start tomcat7 TWO times
RUN service tomcat7 start
RUN service tomcat7 restart
CMD service tomcat7 start
```