编辑dockerfile文件

FROM centos

#nginx

ADD nginx-1.6.0.tar.gz /usr/src/

RUN yum -y install gcc-c++ pcre pcre-devel zlib zlib-devel openssl openssl-devel vim net-tools make psmisc \

&& useradd nginx -M -s /sbin/nologin

WORKDIR /usr/src/nginx-1.6.0/

RUN ./configure --prefix=/usr/local/nginx --group=nginx --user=nginx && make && make -j4 install && ln -s /usr/local/nginx/sbin/\* /usr/local/sbin/

EXPOSE 80

EXPOSE 443

#CMD ["nginx","-g","daemon off;"]

#mysql

ADD cmake-2.8.6.tar.gz /usr/src

ADD mysql-5.6.36.tar.gz /usr/src

WORKDIR /usr/src/cmake-2.8.6

RUN ./configure && gmake && gmake install

RUN yum -y install ncurses-devel perl-Data-Dumper

RUN useradd -M -s /sbin/nologin mysql

WORKDIR /usr/src/mysql-5.6.36

RUN cmake -DCMAKE\_INSTALL\_PREFIX=/usr/local/mysql -DSYSCONFDIR=/etc -DDEFAULT\_CHARSET=utf8 -DDEFAULT\_COLLATION=utf8\_general\_ci -DWITH\_EXTRA\_CHARSETS=all && make -j4 && make install

RUN ln -s /usr/local/mysql/bin/\* /usr/local/bin/

RUN chown -R mysql:mysql /usr/local/mysql/

RUN /usr/local/mysql/scripts/mysql\_install\_db --user=mysql --group=mysql --basedir=/usr/local/mysql --datadir=/usr/local/mysql/data

RUN cp -p /usr/src/mysql-5.6.36/support-files/my-default.cnf /etc/my.cnf

RUN cp -p /usr/src/mysql-5.6.36/support-files/mysql.server /etc/rc.d/init.d/mysqld

RUN chmod a+x /etc/rc.d/init.d/mysqld

RUN chkconfig --add mysqld

RUN chkconfig mysqld on

EXPOSE 3306

#CMD ["/etc/init/mysqld start"]

#php

RUN yum -y install net-tools libxml2-devel zlib-devel openssl-devel libjpeg-devel libpng-devel gd

ADD php-5.5.38.tar.gz /usr/src

WORKDIR /usr/src/php-5.5.38

RUN ./configure --prefix=/usr/local/php --with-config-file-path=/usr/local/php --with-mysql=/usr/local/mysql --with-mysqli --enable-fpm --with-gd --enable-mbstring --with-jpeg-dir=/usr/lib --with-png-dir=usr/lib && make -j4 && make install

RUN ln -s /usr/local/php/sbin/\* /usr/local/sbin/

RUN ln -s /usr/local/php/bin/\* /usr/local/bin/

RUN cp -p /usr/src/php-5.5.38/php.ini-development /usr/local/php/php.ini

WORKDIR /usr/local/php/etc/

RUN cp -p php-fpm.conf.default php-fpm.conf

WORKDIR /usr/src/php-5.5.38/sapi/fpm

RUN cp -p init.d.php-fpm /etc/init.d/php-fpm

RUN chmod a+x /etc/init.d/php-fpm

#修改php-fpm配置文件

RUN sed -i 's/^;pid =.\*/pid = run\/php-fpm.pid/' /usr/local/php/etc/php-fpm.conf

RUN sed -i 's/^user =.\*/user = nginx/' /usr/local/php/etc/php-fpm.conf

RUN sed -i 's/^group =.\*/group = nginx/' /usr/local/php/etc/php-fpm.conf

RUN sed -i 's/^listen =.\*/listen = 0.0.0.0:9000/' /usr/local/php/etc/php-fpm.conf

EXPOSE 9000

#CMD ["/etc/init/php-fpm start"]

编辑nginx配置文件

location / {

root html;

index index.php index.html index.htm;

}

location ~ \.php$ {

root html;

fastcgi\_pass 172.17.0.2:9000;

fastcgi\_index index.php;

fastcgi\_param SCRIPT\_FILENAME $document\_root$fastcgi\_script\_name; include fastcgi\_params;

}

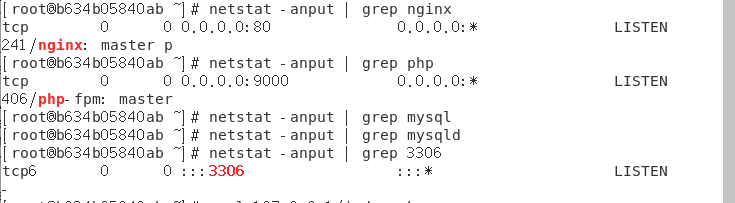
注意：：$document\_root$fastcgi\_script\_name;（自动找到其配置文件）

启动服务

nginx

/etc/init.d/mysqld restart

/etc/init.d/php-fpm restart



cat << EOF > /usr/local/nginx/html/index.php

<?php

\$link = mysqli\_connect('localhost','root','123.com');

if(\$link) echo "恭喜你，数据库连接成功啦！！";

?>

EOF

