Slackware Docker Image Overview

Slackware docker images are available in the docker image registry.
They can be found in hub.docker.com/r/vbatts

Building the images

You can clone the git repository from github.com/vbatts/slackware-docker
Currently, using the installer bootstrap, the mkimage-slackware.sh can create an ultra-minimal Slackware filesystem. (does not even include pkgtools)

```
$ sudo docker -d &
$ make image
```

And then you'll be able to run

```
$ sudo docker run -i -t $USER/slackware-base /bin/sh
```

This will be the environment to build out the Dockerfile from [1)]

To build alternate versions of slackware, pass gnu-make the RELEASE variable, like:

```
$ make image RELEASE=slackware64-13.37 IMG_NAME=$HOME/my_slackware:13.37
```

Running Slackware in Docker

Running the Slackware docker image

```
$ docker run -i -t vbatts/slackware /bin/sh
```

Available tags/releases

Currently in the docker registry there are available images for:

- Slackware64 **13.37**
- Slackware64 **14.0**
- Slackware64 **14.1**
- Slackware64 **14.2**
- Slackware64 **current**
- Slackware64 **latest**

Examples

- Slackware docker container with slackpkg+ [2)]

```
FROM vbatts/slackware

# install slackpkg+
#
http://ufpr.dl.sourceforge.net/project/slackpkgplus/slackpkg%2B-1.6.1p2-noar
ch-2mt.txz
# should put the commands in oneline so that the 'rm' command will take
effect
RUN wget
http://ufpr.dl.sourceforge.net/project/slackpkgplus/slackpkg%2B-1.6.1p2-noar
ch-2mt.txz && installpkg slackpkg+-1.6.1p2-noarch-2mt.txz && rm
slackpkg+-1.6.1p2-noarch-2mt.txz

# add repository: http://packages.slackonly.com/
RUN echo
"MIRRORPLUS['slackonly']=http://slackonly.com/pub/packages/current-x86_64/"
>> /etc/slackpkg/slackpkgplus.conf
RUN sed -i '/^REPOPLUS/s/)/slackonly )/' /etc/slackpkg/slackpkgplus.conf

# If your dockerfile based on this one, please add the following two
commands
# RUN slackpkg update gpg
# RUN slackpkg update
```

- Slackware docker container with nginx [3)]

```
FROM vbatts/slackware:current
MAINTAINER josemrb <work@josemrb.com>

# update slackpg
RUN slackpkg update

# install dependencies
RUN \
    slackpkg -batch=on -default_answer=y install sasl rsync-* glibc-* perl
&& \
    slackpkg -batch=on -default_answer=y install autoconf automake binutils
gettext-tools intltool kernel-headers libtool m4 make libmpc gcc-[0-9] gcc-
g[+] && \
    slackpkg -batch=on -default_answer=y install pcre zlib libxslt libxml2
shadow

# update sbopkg and build
RUN \
    mkdir -p /tmp/install && cd /tmp/install && \
```

```
    wget -c
http://sbopkg.googlecode.com/files/sbopkg-0.37.0-noarch-1_cng.tgz && \
    installpkg sbopkg-0.37.0-noarch-1_cng.tgz && \
    mkdir -p /var/lib/sbopkg/SBo/14.1 && \
    mkdir -p /var/lib/sbopkg/queues && \
    mkdir -p /var/cache/sbopkg && \
    mkdir -p /var/log/sbopkg && \
    mkdir -p /tmp/SBo && \
    sbopkg -r && \
    sbopkg -B -i sbotools && \
    sbosnap fetch && \
    sboinstall -r GeoIP && \
    groupadd -g 8080 www-data && \
    useradd -g 8080 -u 8080 -M -s /bin/false www-data && \
    USE_GEOIP=yes NGINXUSER=www-data NGINXGROUP=www-data sboinstall -r nginx
&& \
    chown -R www-data:www-data /var/lib/nginx

# update script | add exec | run in foreground
RUN \
    chmod +x /etc/rc.d/rc.nginx

# copy config file
COPY ./nginx.conf /etc/nginx/nginx.conf

# define mountable directories
VOLUME ["/etc/nginx", "/etc/nginx/conf.d", "/var/lib/nginx"]

# set port
EXPOSE 80

# start server
ENTRYPOINT /etc/rc.d/rc.nginx start
```

*Note that this dockerfile expects an **nginx.conf** in the local directory.*

Sources

* Originally written by lamerix
* Based on Vincent Batts's github README github.com/vbatts/slackware-docker
* Docker registry page hub.docker.com/r/vbatts/slackware

howtos, docker, image, author lamerix

1) see http://docs.docker.com/reference/builder/ for more info on that

2) File from https://github.com/lotabout/docker-slackware/blob/master/slackware-slackpkgplus/Dockerfile

3)

File from https://github.com/josemrb/docker-slackware/blob/develop/nginx/Dockerfile

From:
https://docs.slackware.com/ - **SlackDocs**

Permanent link:
https://docs.slackware.com/howtos:misc:slackware_docker_image

Last update: **2018/09/17 21:24 (UTC)**