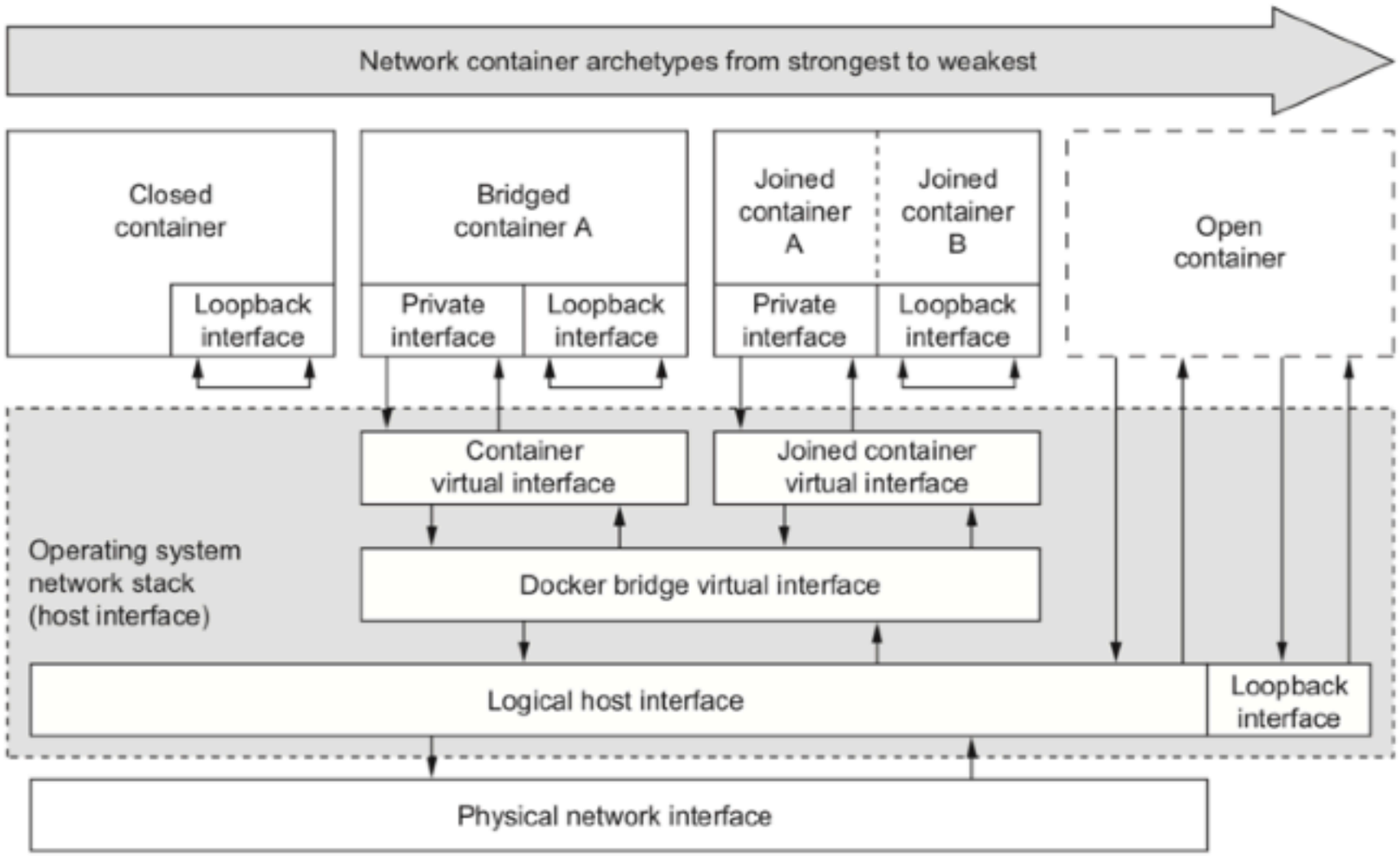
common networking options

Type	How	What
Publish	-p <external>:<internal> or -p <port>	Can remap eg: 80 –> 8080
Expose	–-expose <port1> –-expose <port2> -P	Publish all listed ports
Network type	–net none|bridge|<container>:<image>|host	Isolation level
Set hostname	–-hostname <host>	Add /etc/hostname for container



dockerfiles

What is it?

- YML file, scriptable replacement for running manual image creation commands
- use with “docker build” to automate creation of images
- NOTE: each command creates a new intermediate image, so generally commands are concatenated with \

```
FROM ubuntu
MAINTAINER Bob the Builder

RUN apt-get install -y python-software-properties python python-setuptools ruby rubygems
RUN echo "deb http://us.archive.ubuntu.com/ubuntu/ precise universe" >> /etc/apt/sources.list
ENV APACHE_RUN_USER www-data

WORKDIR /var/www/files
COPY /tmp/hosts /etc/hosts
RUN printf "[include]\nfiles = /var/www/Supervisorfile\n" >> /etc/supervisord.conf
VOLUME /var/www;/var/www/files

ADD . /var/www
ONBUILD /var/scripts/createApp /var/www/app.js

CMD ["/usr/local/bin/supervisord", "-n", "-c", "/etc/supervisord.conf"]
```

```
docker build -t <user>/<image>:<tag> <image>
```