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Freelance web & mobile applications developer

How To Code Well YouTube channel

youtube.com/howtocodewell



Author of Docker In Motion

From Manning Publications

40% off code dockphpsc















What is the point in having a small image?

- · Speed of deployment
- · Cost





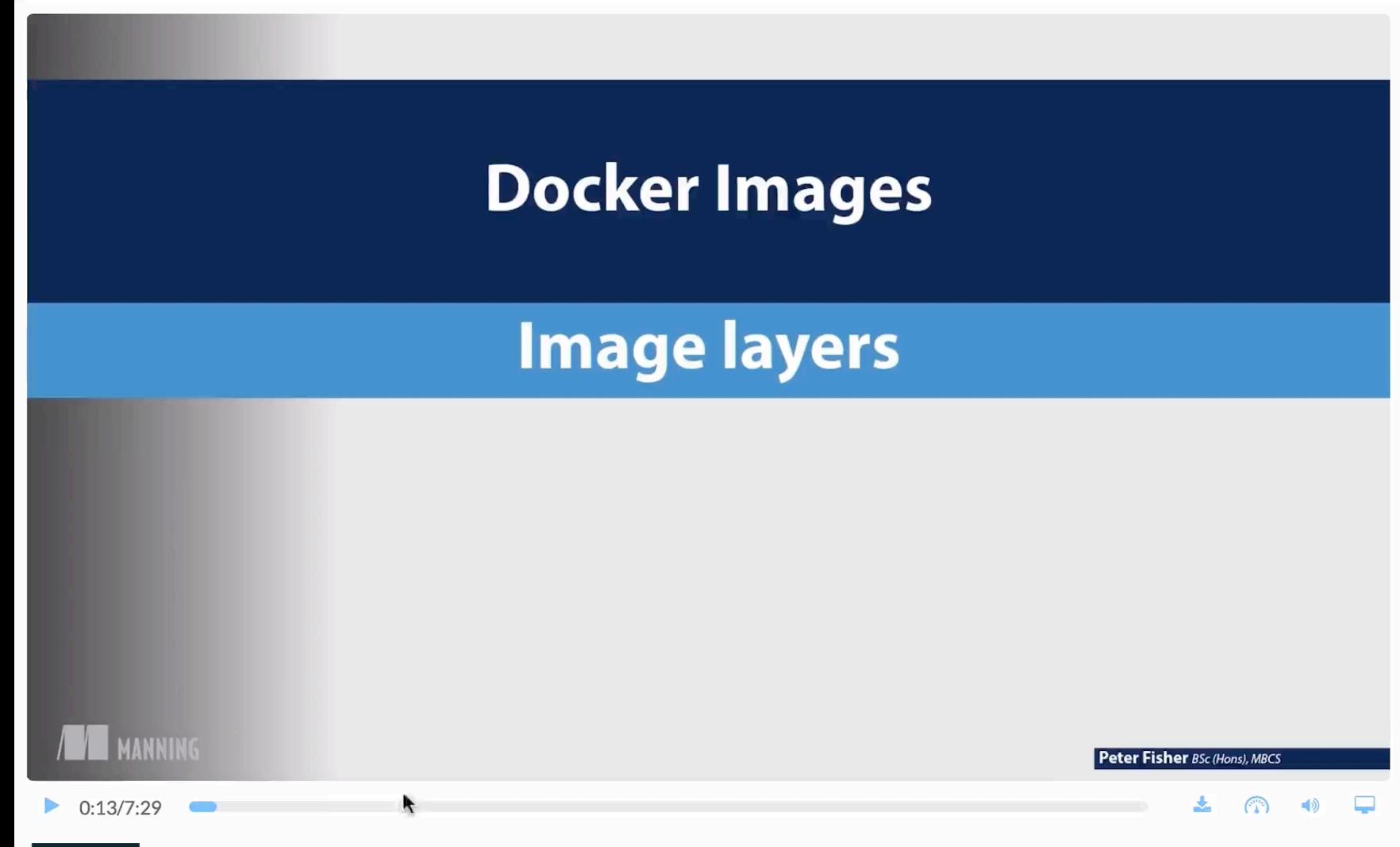


Docker is not just about containers!















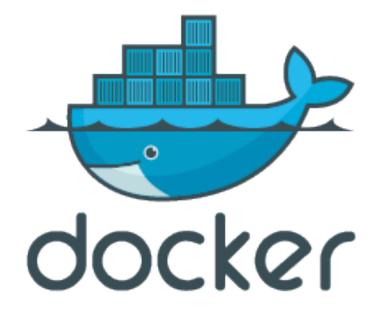
All examples can be found on

https://github.com/pfwd/how-to-put-your-docker-image-on-a-diet





https://hub.docker.com/r/howtocodewell/how-to-put-your-docker-image-on-a-diet











```
FROM ubuntu: latest
                                                             tag 0.1.0
                                                                           593MB
ARG DEBIAN_FRONTEND=noninteractive
ENV DOC_ROOT /var/www/mysite
RUN apt-get update -y
RUN apt-get install -y git
RUN apt-get install -y apache2
                                                       6 run instructions
RUN apt-get install -y libapache2-mod-php
RUN apt-get install -y php7.0*
RUN a2enmod rewrite
ADD config/sites-available/000-default.conf /etc/apache2/sites-available/000-default.conf
WORKDIR ${DOC_ROOT}
COPY site .
RUN chown -R www-data:www-data var
EXPOSE 80
CMD apachectl -D FOREGROUND
```







```
FROM ubuntu:latest
                                                         tag 0.2.0
                                                                       588MB
ARG DEBIAN_FRONTEND=noninteractive
ENV DOC_ROOT /var/www/mysite
RUN apt-get update -y \
        apt-get install -y \
            git \
            apache2 \
                                             1 run instruction
            libapache2-mod-php \
            php7.0* \
   && \
        a2enmod rewrite
ADD config/sites-available/000-default.conf /etc/apache2/sites-available/000-default.conf
WORKDIR ${DOC_ROOT}
COPY site .
RUN chown -R www-data:www-data var
EXPOSE 80
CMD apachectl -D FOREGROUND
```







DO NOT



* Should give you nightmares







```
FROM ubuntu:latest
6
                                                               tag 0.3.0
                                                                           314MB
   ARG DEBIAN_FRONTEND=noninteractive
   ENV DOC_ROOT /var/www/mysite
   RUN apt-get update -y \
            apt-get install -y \
                apache2 \
                                                       Only install what you need
                libapache2-mod-php \
                php7.0 php7.0-cli php7.0-xml \
       && \
            a2enmod rewrite
    ADD config/sites-available/000-default.conf /etc/apache2/sites-available/000-default.conf
    WORKDIR ${DOC_ROOT}
   COPY site .
    RUN chown -R www-data:www-data var
    EXPOSE 80
    CMD apachectl -D FOREGROUND
```















```
FROM ubuntu:latest
ARG DEBIAN_FRONTEND=noninteractive
                                                                             275MB
                                                               tag 0.4.0
ENV DOC_ROOT /var/www/mysite
RUN apt-get update -y \
        apt-get install -y \
            apache2 \
            libapache2-mod-php \
            php7.0 php7.0-cli php7.0-xml \
    && \
        a2enmod rewrite \
                                                          Removing what we
        apt-get autoremove -y ---purge \
                                                               don't need
    &.&. \
        rm -rf /var/lib/apt/lists/*
ADD config/sites-available/000-default.conf /etc/apache2/sites-available/000-default.conf
WORKDIR ${DOC_ROOT}
COPY site .
RUN chown -R www-data:www-data var
EXPOSE 80
CMD apachectl -D FOREGROUND
```







```
FROM debian:stretch
ARG DEBIAN_FRONTEN
                                                              tag 0.5.0
                                                                             262MB
                      Using a smaller base
ENV DOC_ROOT /var/v
                               image
RUN apt-get update
        apt-get install -y \
            apache2 \
            libapache2-mod-php \
            php7.0 php7.0-cli php7.0-xml \
    && \
        a2enmod rewrite \
    && \
        apt-get autoremove -y ---purge \
    && \
        rm -rf /var/lib/apt/lists/*
ADD config/sites-available/000-default.conf /etc/apache2/sites-available/000-default.conf
WORKDIR ${DOC_ROOT}
COPY site .
RUN chown -R www-data:www-data var
EXPOSE 80
CMD apachectl -D FOREGROUND
```







\$ docker build -t pleaseGiveMe/feedback:thanks .

```
*
     /tmp/*
                        tag 0.6.0
                                 252MB
     /log
     **/* md
     **/vendor/**/Tests
     site/build
                              Ignoring from the build
     site/var/cache
                                    context
     site/var/logs
     site/var/sessions
     site/web/app_dev.php
10
     site/bin/symfony_requirements
```







> 50% smaller!

Tag	Image Size	Dockerfile	Github
0.1.0	593MB	Dockerfile	Tag 0.1.0
0.2.0	588MB	Dockerfile	Tag 0.2.0
0.3.0	314MB	Dockerfile	Tag 0.3.0
0.4.0	275MB	Dockerfile	Tag 0.4.0
0.5.0	262MB	Dockerfile	Tag 0.5.0
0.6.0	252MB	Dockerfile	Tag 0.6.0







Thank you!

Questions?

peterfisher.me.uk







Feedback & Questions

joind.in/talk/a866f

What did you think?







