

Dockerfile. Часть 2

План видео

- ✓ Изучить дополнительные инструкции Dockerfile
- ✓ Узнать, где перечислены все инструкции и пояснения к ним

Инструкции важные и дополнительные

FROM

RUN

COPY

ENTRYPOINT

CMD

ADD

WORKDIR

USER

MAINTAINER

LABEL

EXPOSE

WORKDIR

```
WORKDIR /path/to/workdir
```

```
WORKDIR /a
```

```
WORKDIR b
```

```
WORKDIR c
```

```
RUN pwd
```

```
# result: /a/b/c
```

```
WORKDIR /var/www
```

```
COPY file1 file1
```

```
# result /var/www/file1
```

USER

```
USER <user>[:<group>]
```

```
USER <UID>[:<GID>]
```

```
USER www-data
```

```
RUN whoami
```

```
# result www-data
```

MAINTAINER и LABEL

#MAINTAINER <name> (deprecated)

LABEL org.opencontainers.image.authors="SvenDowideit@home.org.au"

LABEL "com.example.vendor"="ACME Incorporated"

LABEL com.example.label-with-value="foo"

LABEL version="1.0"

LABEL description="This text illustrates \
that label-values can span multiple line."

EXPOSE

EXPOSE <port> [<port>/<protocol>...]

EXPOSE 80

EXPOSE 80/tcp

```
administrator@server:/opt/docker_files/my_first_docker_build$ docker run --help | grep --context 3 'Publish all'
    --platform string          Set platform if server is multi-platform capable
    --privileged               Give extended privileges to this container
    -p, --publish list         Publish a container's port(s) to the host
    -P, --publish-all         Publish all exposed ports to random ports
    --pull string              Pull image before running ("always"|"missing"|"never") (default "missing")
    --read-only                Mount the container's root filesystem as read only
    --restart string           Restart policy to apply when a container exits (default "no")
administrator@server:/opt/docker_files/my_first_docker_build$
```

Итоги

✔ FROM → RUN → COPY → ENTRYPOINT → CMD

✔ <https://docs.docker.com/engine/reference/builder>

✔ <https://docs.docker.com/>

FROM	WORKDIR
RUN	USER
COPY	MAINTAINER
ENTRYPOINT	LABEL
CMD	EXPOSE
ADD	