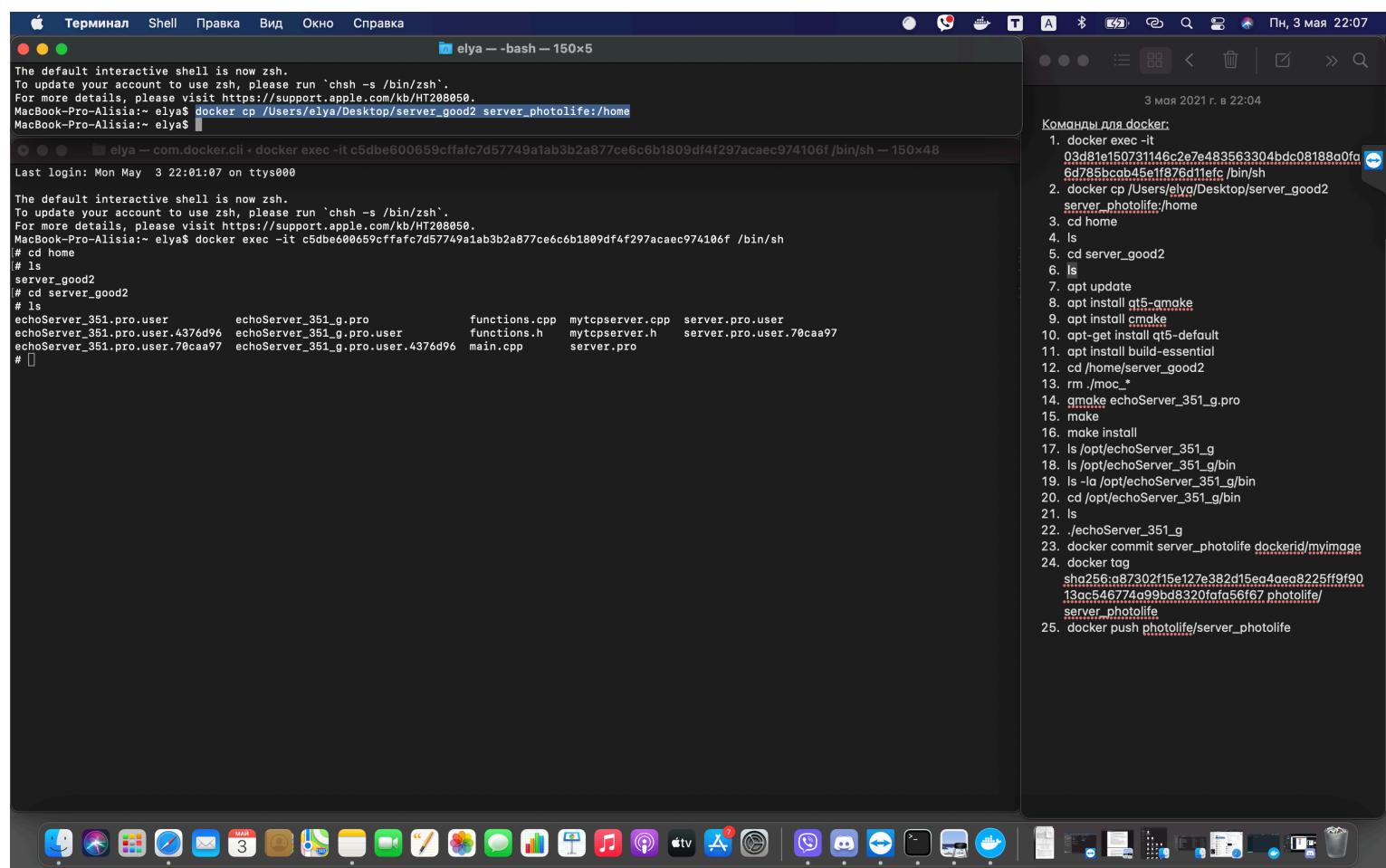


Отчет по интеграции tcp-сервера в docker

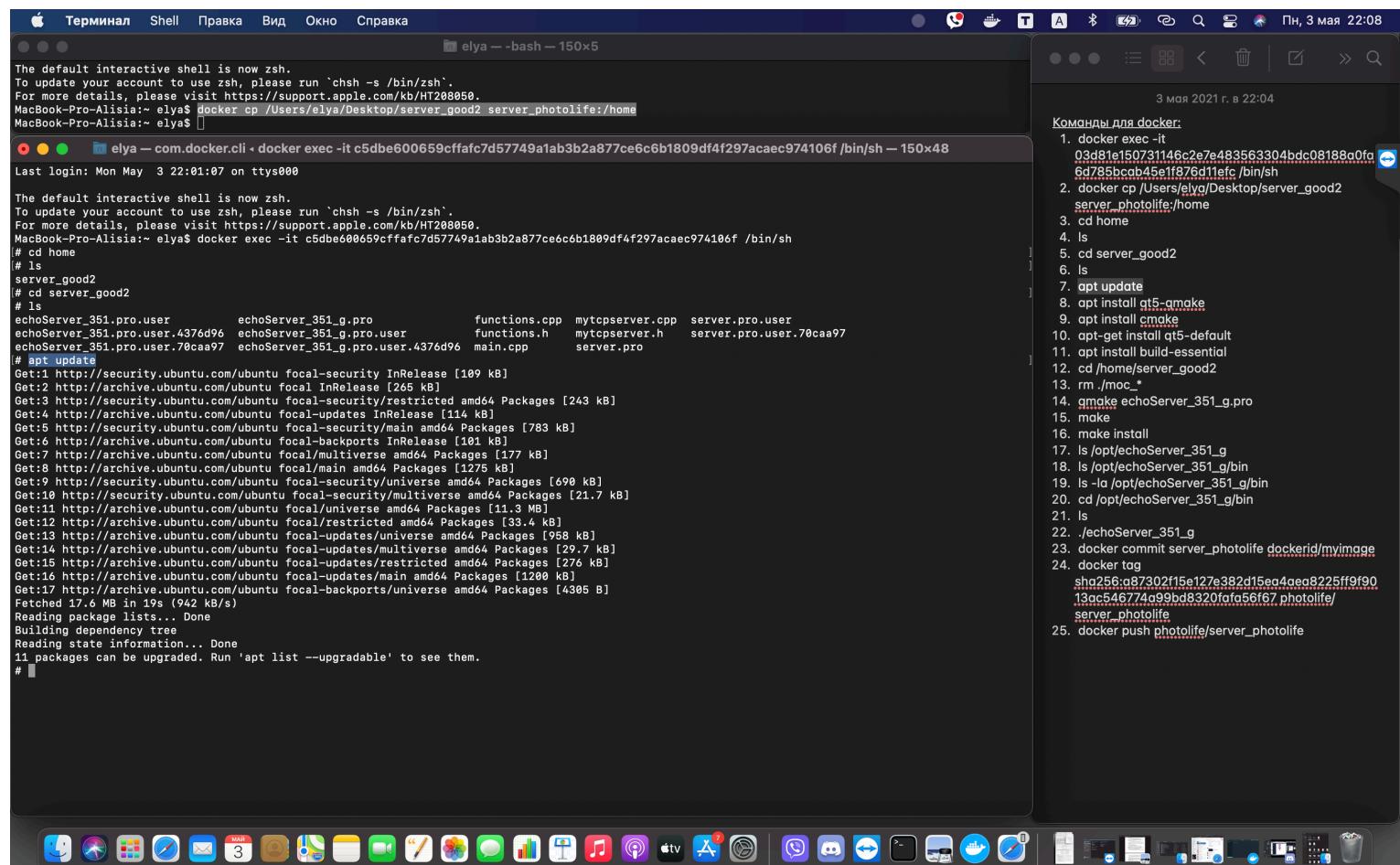
Команды для docker:

1. docker exec -it 03d81e150731146c2e7e483563304bdc08188a0fa6d785bcab45e1f876d11efc /bin/sh
2. docker cp /Users/elya/Desktop/server_good2 server_photolife:/home
3. cd home
4. ls
5. cd server_good2
6. ls
7. apt update
8. apt install qt5-qmake
9. apt install cmake
10. apt-get install qt5-default
11. apt install build-essential
12. cd /home/server_good2
13. rm ./moc_*
14. qmake echoServer_351_g.pro
15. make
16. make install
17. ls /opt/echoServer_351_g
18. ls /opt/echoServer_351_g/bin
19. ls -la /opt/echoServer_351_g/bin
20. cd /opt/echoServer_351_g/bin
21. ls
22. ./echoServer_351_g
23. docker commit server_photolife dockerid/myimage
24. docker tag sha256:3b32072fa4595e2d93731ed937653fba351150d8746390f1df83bb5de 84590dc photolife/server_photolife
25. docker push photolife/server_photolife
26. docker pull photolife/server_photolife:latest
27. docker exec -it sha256:0978b1e5ab15f6244b8df88cbaf3c7847da1286d677dac4e3712f475f 4885eb /bin/sh

Скриншоты проделанной работы:



```
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/kb/HT208050.  
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home  
MacBook-Pro-Alisia:~ elya$  
  
...  
elya — com.docker.cli -> docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x48  
  
Last login: Mon May 3 22:01:07 on ttys000  
  
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/kb/HT208050.  
MacBook-Pro-Alisia:~ elya$ docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh  
# cd home  
# ls  
# cd server_good2  
# ls  
echoServer_351.pro.user      echoServer_351_g.pro          functions.cpp    mytcpserver.cpp    server.pro.user  
echoServer_351.pro.user.4376d96 echoServer_351_g.pro.user  functions.h     mytcpserver.h    server.pro.user.70caa97  
echoServer_351.pro.user.70caa97 echoServer_351_g.pro.user.4376d96 main.cpp       server.pro  
#  
  
...  
3 мая 2021 г. в 22:04  
Команды для docker:  
1. docker exec -it  
03d81e150731146c2e7e483563304bcd08188a0fa  
6d785bcab45e1f876d1efc /bin/sh  
2. docker cp /Users/elya/Desktop/server_good2  
server_photolife:/home  
3. cd home  
4. ls  
5. cd server_good2  
6. ls  
7. apt update  
8. apt install qt5-qmake  
9. apt install cmake  
10. apt-get install qt5-default  
11. apt install build-essential  
12. cd /home/server_good2  
13. rm ./moc_*  
14. qmake echoServer_351_g.pro  
15. make  
16. make install  
17. ls /opt/echoServer_351_g  
18. ls /opt/echoServer_351_g/bin  
19. ls -la /opt/echoServer_351_g/bin  
20. cd /opt/echoServer_351_g/bin  
21. ls  
22. ./echoServer_351_g  
23. docker commit server_photolife dockerd/mvimage  
24. docker tag  
sha256:a87302f15e127e382d15ea4gea8225ff9f90  
13ac546774a99bd8320faf056f67 photolife/  
server_photolife  
25. docker push photolife/server_photolife
```



```
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/kb/HT208050.  
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home  
MacBook-Pro-Alisia:~ elya$  
  
...  
elya — com.docker.cli -> docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x48  
  
Last login: Mon May 3 22:01:07 on ttys000  
  
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh`.  
For more details, please visit https://support.apple.com/kb/HT208050.  
MacBook-Pro-Alisia:~ elya$ docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh  
# cd home  
# ls  
# cd server_good2  
# ls  
echoServer_351.pro.user      echoServer_351_g.pro          functions.cpp    mytcpserver.cpp    server.pro.user  
echoServer_351.pro.user.4376d96 echoServer_351_g.pro.user  functions.h     mytcpserver.h    server.pro.user.70caa97  
echoServer_351.pro.user.70caa97 echoServer_351_g.pro.user.4376d96 main.cpp       server.pro  
# apt update  
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [109 kB]  
Get:2 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]  
Get:3 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [243 kB]  
Get:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]  
Get:5 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [783 kB]  
Get:6 http://archive.ubuntu.com/ubuntu focal-backports InRelease [101 kB]  
Get:7 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]  
Get:8 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]  
Get:9 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [690 kB]  
Get:10 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [21.7 kB]  
Get:11 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]  
Get:12 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB]  
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [958 kB]  
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [29.7 kB]  
Get:15 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [276 kB]  
Get:16 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [1200 kB]  
Get:17 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [4305 kB]  
Fetched 17.6 MB in 19s (942 kB/s)  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
11 packages can be upgraded. Run 'apt list --upgradable' to see them.  
#  
  
...  
3 мая 2021 г. в 22:04  
Команды для docker:  
1. docker exec -it  
03d81e150731146c2e7e483563304bcd08188a0fa  
6d785bcab45e1f876d1efc /bin/sh  
2. docker cp /Users/elya/Desktop/server_good2  
server_photolife:/home  
3. cd home  
4. ls  
5. cd server_good2  
6. ls  
7. apt update  
8. apt install qt5-qmake  
9. apt install cmake  
10. apt-get install qt5-default  
11. apt install build-essential  
12. cd /home/server_good2  
13. rm ./moc_*  
14. qmake echoServer_351_g.pro  
15. make  
16. make install  
17. ls /opt/echoServer_351_g  
18. ls /opt/echoServer_351_g/bin  
19. ls -la /opt/echoServer_351_g/bin  
20. cd /opt/echoServer_351_g/bin  
21. ls  
22. ./echoServer_351_g  
23. docker commit server_photolife dockerd/mvimage  
24. docker tag  
sha256:a87302f15e127e382d15ea4gea8225ff9f90  
13ac546774a99bd8320faf056f67 photolife/  
server_photolife  
25. docker push photolife/server_photolife
```

Терминал Shell Правка Вид Окно Справка

elya — bash — 150x5

```
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/H208058.
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home
MacBook-Pro-Alisia:~ elya$
```

elya — com.docker.cli — docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x48

```
Get:8 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [698 kB]
Get:10 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [21.7 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
Get:12 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB]
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [958 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [29.7 kB]
Get:15 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [276 kB]
Get:16 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [1200 kB]
Get:17 http://archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [4305 kB]
Fetched 17.6 MB in 19s (942 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
11 packages can be upgraded. Run 'apt list --upgradable' to see them.
# apt install qt5-qmake
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  qt5-qmake-bin qtchooser
The following NEW packages will be installed:
  qt5-qmake qt5-qmake-bin qtchooser
0 upgraded, 3 newly installed, 0 to remove and 11 not upgraded.
Need to get 1204 kB of archives.
After this operation, 4853 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu focal/universe amd64 qt5-qmake-bin amd64 5.12.8+dfsg-0ubuntu1 [990 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/universe amd64 qtchooser amd64 66-2build1 [24.7 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal/universe amd64 qt5-qmake amd64 5.12.8+dfsg-0ubuntu1 [189 kB]
Fetched 1204 kB in 4s (331 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package qt5-qmake-bin.
(Reading database ... 4121 files and directories currently installed.)
Preparing to unpack .../qt5-qmake-bin_5.12.8+dfsg-0ubuntu1_amd64.deb ...
Unpacking qt5-qmake-bin (5.12.8+dfsg-0ubuntu1) ...
Selecting previously unselected package qtchooser.
Preparing to unpack .../qtchooser_66-2build1_amd64.deb ...
Unpacking qtchooser (66-2build1) ...
Selecting previously unselected package qt5-qmake:amd64.
Preparing to unpack .../qt5-qmake_5.12.8+dfsg-0ubuntu1_amd64.deb ...
Unpacking qt5-qmake:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up qt5-qmake-bin (5.12.8+dfsg-0ubuntu1) ...
Setting up qtchooser (66-2build1) ...
Setting up qt5-qmake:amd64 (5.12.8+dfsg-0ubuntu1) ...
#
```

Терминал Shell Правка Вид Окно Справка

elya — bash — 150x5

```
The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/H208058.
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home
MacBook-Pro-Alisia:~ elya$
```

elya — com.docker.cli — docker exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x48

```
Selecting previously unselected package qt5-qmake-bin.
(Reading database ... 4121 files and directories currently installed.)
Preparing to unpack .../qt5-qmake-bin_5.12.8+dfsg-0ubuntu1_amd64.deb ...
Unpacking qt5-qmake-bin (5.12.8+dfsg-0ubuntu1) ...
Selecting previously unselected package qtchooser.
Preparing to unpack .../qtchooser_66-2build1_amd64.deb ...
Unpacking qtchooser (66-2build1) ...
Selecting previously unselected package qt5-qmake:amd64.
Preparing to unpack .../qt5-qmake_5.12.8+dfsg-0ubuntu1_amd64.deb ...
Unpacking qt5-qmake:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up qt5-qmake-bin (5.12.8+dfsg-0ubuntu1) ...
Setting up qtchooser (66-2build1) ...
Setting up qt5-qmake:amd64 (5.12.8+dfsg-0ubuntu1) ...
# apt install cmake
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  binutils binutils-common binutils-x86_64-linux-gnu ca-certificates cmake-data cpp cpp-9 gcc gcc-9-base krb5-locales libarchive13 libasan5
  libasan1-8-heimdal libatomic1 libbinutils libbrotli libc-dev-bin libc6-dev libcc1-0 libcrypt-dev libctf-nobfd0 libcurl4 libexpat1
  libgcc-9-dev libgomp1 libgssapi-krb5-2 libgssapi3-heimdal libhcrypto4-heimdal libheimntlm0-heimdal libhx509-5-heimdal
  libicu66 libis12 libitm1 libjanssonpp1 libk5crypto3 libkeyutil1s1 libkrb5-26-heimdal libkrb5-3 libkrb5support0 libldap-2.4-2 libldap-common liblslan0
  liblmp3 libmpfr6 libnghttp2-14 libpsl5 libquadmath0 librhash0 libroken18-heimdal librtmp1 libssl12-2 libssl12-modules libssl12-modules-db
  libsqlite3-0 libss1.4 libtsan0 libubsan1 libuv1 libwind0-heimdal libxml2 linux-libc-dev make manpages manpages-dev openssl publicsuffix
  tzdata
Suggested packages:
  binutils-doc cmake-doc ninja-build cpp-doc gcc-9-locales gcc-multilib autoconf automake libtool flex bison gdb gcc-doc gcc-9-multilib gcc-9-doc
  lzzip glibc-doc krb5-user libssl12-modules-gssapi-mit | libssl12-modules-gssapi-heimdal libssl12-modules-ldap libssl12-modules-otp
  libssl12-modules-slk make-doc man-browser
The following NEW packages will be installed:
  binutils binutils-common binutils-x86_64-linux-gnu ca-certificates cmake cmake-data cpp cpp-9 gcc gcc-9-base krb5-locales libarchive13
  libasan5 libasan1-8-heimdal libatomic1 libbinutils libbrotli libc-dev-bin libc6-dev libcc1-0 libcrypt-dev libctf-nobfd0 libcurl4 libexpat1
  libgcc-9-dev libgomp1 libgssapi-krb5-2 libgssapi3-heimdal libhcrypto4-heimdal libheimntlm0-heimdal libhx509-5-heimdal
  libicu66 libis12 libitm1 libjanssonpp1 libk5crypto3 libkeyutil1s1 libkrb5-26-heimdal libkrb5-3 libkrb5support0 libldap-2.4-2 libldap-common liblslan0
  liblmp3 libmpfr6 libnghttp2-14 libpsl5 libquadmath0 librhash0 libroken18-heimdal librtmp1 libssl12-2 libssl12-modules libssl12-modules-db
  libsqlite3-0 libss1.4 libtsan0 libubsan1 libuv1 libwind0-heimdal libxml2 linux-libc-dev make manpages manpages-dev openssl publicsuffix
  tzdata
0 upgraded, 72 newly installed, 0 to remove and 11 not upgraded.
Need to get 51.0 MB of archives.
After this operation, 212 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libssl1.1 amd64 1.1.1f-1ubuntu2.3 [1320 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 openssl amd64 1.1.1f-1ubuntu2.3 [620 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 ca-certificates all 20210119-29.04.1 [146 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 libexpat1 amd64 2.2.9-1build1 [73.3 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 tzdata all 2021-0ubuntu0.20.04 [295 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal/main amd64 libicu66 amd64 66.1-2ubuntu2 [8520 kB]
17% [6 libicu66 7552 kB/8520 kB 89%]
```

```
Terminal Shell Правка Вид Окно Справка elya -- bash - 150x5

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT2008050.
MacBook-Pro-Alisia: ~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home
MacBook-Pro-Alisia: ~ elya$ [redacted]

[redacted] elya - com.docker.cli - docker exec -it c5dbe600659cffac7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh - 150x48

Setting up libgssapi3-heimdal:amd64 (7.7.0+dfsg-1ubuntu1) ...
Setting up liblalap-2.4-2:amd64 (2.4.49+dfsg-2ubuntu1.8) ...
Setting up libcurl4:amd64 (7.68.0-1ubuntu2.5) ...
Setting up cmake (3.16.3-1ubuntu1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for ca-certificates (20201019~20.04.1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.

# apt-get install qt5-default
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
adwaita-icon-theme-at-spi2-core dbus dbus-user-session dconf-gsettings-backend dconf-service dmsetup file fontconfig fontconfig-config
fonts-dejavu-core girl1-2.0 libgl-2.0 libgl-networking glib-networking-common glib-networking-services gsettings-desktop-schemas gtk-update-icon-cache
hicolor-icon-theme humanity-icon-theme libapparmor1 libargon2-1 libatk-bridge2.0-0 libatk1.0-0 libatk1.0-data libatspi2.0-0 libavahi-client3
libavahi-common-data libavahi-common3 libbluetooth libcairo-gobject2 libcap2 libcryptsetup2 libcurl5 libdatrie1 libdbus-1-3
libdbconfl1 libdbemapper1.02.1 libdouble-conversion3 libdrm-amdgpu1 libdrm-common libdrm-intel libdrm-nouveau2 libdrm-radeon2 libedit2
libegl-dev libegl-mesa0 libegl1 libefi1 libepoxy0 libevdev2 libfontconfig libfreeretype2 libgbm1 libgbm-compat4 libgbm6
libgbg-pixbuf2.0-0 libgbg-pixbuf2.0-1 libgbg-pixbuf2.0-common libgirepository-1.0-1 libgl1-dev libgl1 libgl1-mesa-dri libglapi-mesa libgl2.0-0
libglib2.0-data libglu1-mesa libglu1-mesa-dev libglvnd0 libglx-dev libglx-mesa0 libglx0 libgraphite2-3 libgtk-3-0 libgtk-3-bin libgtk-3-common
libgludev-1.0-0 libharfbuzz0z libgcrypt20 libinput-bin libinput10 libipq4tcb libjbig2 libjpegturbo8 libjpegs8 libjson-c libjson-gl-1.0-0
libjansson-1.0-0 libjson-c libjansson52 liblouis libmagic-mgc libmagick libpmbdec2 libtbtdev1 libnss-systemd libpam-systemd libpango-1.0-0
libpangocairo-1.0-0 libpangofc2-1.0-0 libpiciaccos0 libpcre2-16 libperl5.30 libpixman-0.1 libpng16-16 libproxyv15 libpthread-stubs0-dev
libpython3.3-stlib libpython3.8-minimal libpython3.8-stdlib libqt5concurrent5 libqt5core5a libqt5dbus5 libqt5gui5 libqt5network5 libqt5opengl5
libqt5opengl5-0-dev libqt5printsupport5 libqt5sql5 libqt5sql5-sqlite libqt5svg5 libqt5test5 libqt5widgest5 libqt5xml5 libreadline8 librest-0.7-0
librsvg2-2 librsvg2-common libensors-config libensors5 libsm6 libsoup-gnome2.4-1 libsoup2.4-1 libsystems0 libthai-data libthai0 libtiff5
libvulkan-dev libvulkan1 libwacom-common libwacom2 libwayland-client0 libwayland-server0 libwayland-egl1 libwayland-server0 libwebp6
libxi11-6 libxi11-data libxi11-dev libxi11-xcb libxaw-dev libxaw libxcb-dr13-0 libxcb-dr13-0 libxcb-glx0 libxcb-icccm4 libxcb-image0 libxcb-keysyms1
libxcb-present0 libxcb-randr0 libxcb-render-util0 libxcb-renderer0 libxcb-shape0 libxcb-shm0 libxcb-sync1 libxcb-util libxcb-xfixes0
libxcb-xinerama0 libxcb-xinput0 libxcb-xkb libxcb1 libxcbcomposit0 libxcursor0 libxdamage0 libxdmcp0-dev libxdmcp6 libxext-dev libxext6
libxfixed3 libxinerama libxkbcommon-x11-0 libxkbcommon0 libxrandr2 libxrender1 libxsmf-fence1 libxtst6 libxvfb6 libxvm3 mesa-vulkan-drivers
mime-support netbase networkd-dispatcher perl perl-modules-5.30 python3 python3-dbus python3-gi python3-minimal python3.8-minimal
qt5-gtk-platform qtbase5-dev qtbase5-dev-tools qttranslations5-11_09 readline-common shared-mime-info systemd systemd-timesyncd
ubuntu-mono ucf x11-common x1proto-core-dev x1proto-dev x1proto-xext-dev xdg-user-dirs kbd-xdata xorg-sgml-doctools xtrans-dev xz-utils
Suggested packages:
colorl cups-common gdm-l10n gvfs liblcms2-utils pciutils qt5-image-formats-plugins qtwayland5 librsvg2-bin lm-sensors libxi11-doc libxcb-doc
libxext-doc iw-wireless-tools perl-doc libterm-readline-gnu-perl libterm-readline-perl perl libdb-debug-perl liblocale-codes-perl python3-doc
python3-tk python3-venv python-dbus-doc python3-dbus-dbg python3.8-venv python3.8-doc binfmt-support default-libmysqclient-dev firebird-dev
libpq-dev libsqlite3-dev libuodbc2-dev readline-doc systemd-container policykit-1

The following NEW packages will be installed:
adwaita-icon-theme-at-spi2-core dbus dbus-user-session dconf-gsettings-backend dconf-service dmsetup file fontconfig fontconfig-config
fonts-dejavu-core girl1-2.0 libgl-2.0 libgl-networking glib-networking-common glib-networking-services gsettings-desktop-schemas gtk-update-icon-cache
hicolor-icon-theme humanity-icon-theme libapparmor1 libargon2-1 libatk-bridge2.0-0 libatk1.0-0 libatk1.0-data libatspi2.0-0 libavahi-client3
libavahi-common-data libavahi-common3 libbluetooth libcairo-gobject2 libcap2 libcurl2 libcryptsetup2 libcurl5 libdatrie1 libdbus-1-3
libdbconfl1 libdbemapper1.02.1 libdouble-conversion3 libdrm-amdgpu1 libdrm-common libdrm-intel libdrm-nouveau2 libdrm-radeon2 libedit2

[redacted] 3 мая 2021 г. в 22:10

Команды для docker:
1. docker exec -it
03d81e150731146c2e7e483563304bd08188a0fa
6d785bccb45eff876d1fec /bin/sh
2. docker cp /Users/elya/Desktop/server_good2
server_photolife:/home
3. cd home
4. ls
5. cd server_good2
6. ls
7. apt update
8. apt install qt5-qmake
9. apt install gmake
10. apt-get install qt5-default
11. apt install build-essential
12. cd /home/server_gEood2
13. rm ./moc_*
14. qmake echoServer_351_g.pro
15. make
16. make install
17. ls /opt/echoServer_351_g
18. ls /opt/echoServer_351_g/bin
19. ls -la /opt/echoServer_351_g/bin
20. cd /opt/echoServer_351_g/bin
21. ls
./echoServer_351_g
22. docker commit server_photolife dockerid/mvimage
23. docker tag
sha256:a87302f15e127e382d15ea4aea8225ff9f90
13ca546774a99bfbd8320fafaf6f67 photolife/
server_photolife
24. docker push photolife/server_photolife
25. docker push photolife/server_photolife
```

```
Terminal Shell Правка Вид Окно Справка elya -- bash - 150x5

The default interactive shell is now zsh.
To update your account to use zsh, please run `chsh -s /bin/zsh`.
For more details, please visit https://support.apple.com/kb/HT208850.
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home
MacBook-Pro-Alisia:~ elya$ [REDACTED]

Setting up libgl-dev:amd64 (1.3.2-1~ubuntu0.20.04.1) ...
Setting up libgtk-3-common (3.24.20~ubuntu1) ...
Setting up networkd-dispatcher (2.0.1-1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/networkd-dispatcher.service → /lib/systemd/system/networkd-dispatcher.service.
Setting up gsettings-desktop-schemas (3.36.0-1ubuntu1) ...
Setting up libgl-dev:amd64 (1.3.2-1~ubuntu0.20.04.1) ...
Setting up libqt5gui5:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up libqt5widgets5:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up libqt5printsupport5:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up libglui-mesa-dev:amd64 (9.0.1-1ubuntu1) ...
Setting up qtbase5-dev:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up libqt5opengl5:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up qt5-default:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up glib-networking:amd64 (2.64.2-1ubuntu0.1) ...
Setting up libsoup2.4-1:amd64 (2.70.0-1) ...
Setting up libqt5opengl5-dev:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up libqt5svg5:amd64 (5.12.8-0ubuntu1) ...
Setting up libsoup-gnome2.4-1:amd64 (2.70.0-1) ...
Setting up librest-0.7-0:amd64 (0.8.1-1) ...
Setting up adwaita-icon-theme (3.36.1-2ubuntu0.20.04.2) ...
update-alternatives: using /usr/share/icons/Adwaita/cursor.theme to provide /usr/share/icons/default/index.theme (x-cursor-theme) in auto mode
Setting up libgtk-3-0:amd64 (3.24.20~ubuntu1) ...
Setting up libgtk-3-bin (3.24.20~ubuntu1) ...
Setting up qt5-gtk-platformtheme:amd64 (5.12.8+dfsg-0ubuntu1) ...
Setting up humanity-icon-theme (0.6.15) ...
Setting up ubuntu-mono (19.04-0ubuntu3) ...
Processing triggers for systemd (245.4-4ubuntu3.6) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
Processing triggers for libgdk-pixbuf2.0-0:amd64 (2.40.0+dfsg-3ubuntu0.2) ...
# apt install build-essential
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  dirmngr dpkg-dev fakeroot g++-9 gnupg gnupg-l10n gnupg-utils gpg gpg-agent gpg-wks-client gpg-wks-server gpgconf gpgsm libalgorithmdiff-perl
  libalgorithmdiff-xs-perl libalgorithmm-merge-perl libassuan0 libdpkg-perl libfakeroot libfile-fcntllock-perl libksba8 liblocale-gettext-perl
  libnpth8 libstdc++-9-dev patch pinentry-curses
Suggested packages:
  pinentry-gnome3 tor debian-keyring g++-multilib gcc-9-doc parcmimonie xloadimage scdaemon git bzz libstdc++-9-doc ed difutils-doc
  pinentry-doc
The following NEW packages will be installed:
  build-essential dirmngr dpkg-dev fakeroot g++-9 gnupg gnupg-l10n gnupg-utils gpg gpg-agent gpg-wks-client gpg-wks-server gpgconf gpgsm
  libalgorithmdiff-perl libalgorithmm-merge-perl libassuan0 libdpkg-perl libfakeroot libfile-fcntllock-perl libksba8
  liblocale-gettext-perl libnpth8 libstdc++-9-dev patch pinentry-curses
0 upgraded, 28 newly installed, 0 to remove and 10 not upgraded.
Need to get 13.9 MB of archives.
After this operation, 59.6 MB of additional disk space will be used.
Do you want to continue? [Y/n] [REDACTED]

3 мая 2021 г. в 22:10
Команды для docker:
1. docker exec -it
03d81e150731146c2e7e483563304bcd08188a0fa
6d785bcbb45ef1f876d11fcf/bin/sh
2. docker cp /Users/elya/Desktop/server_good2
server_photolife:/home
3. cd home
4. ls
5. cd server_good2
6. ls
7. apt update
8. apt install qt5-qmake
9. apt install cmake
10. apt-get install qt5-default
11. apt install build-essential
12. cd /home/server_gEod2
13. rm ./moc_*
14. qmake echoServer_351.g.pro
15. make
16. make install
17. ls /opt/echoServer_351_g
18. ls /opt/echoServer_351_g/bin
19. ls -la /opt/echoServer_351_g/bin
20. cd /opt/echoServer_351_g/bin
21. ls
22. ./echoServer_351_g
23. docker commit server_photolife dockerid/mymimage
24. docker tag
sha256:a87302f15e127e382d15ea9ae8225ff9f90
13ac546774a99bd8320faf56f167 photolife/
server_photolife
25. docker push photolife/server_photolife
```

```
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh'.  
For more details, please visit https://support.apple.com/kb/HT208058.  
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home  
MacBook-Pro-Alisia:~ elya$   
● ● ● elya — com.docker.cli - dockerc exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x48  
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...  
# cd /home/server_good2  
# rm ./moc_*  
rm: cannot remove './moc_*': No such file or directory  
# qmake echoServer_351_g.pro  
Info: creating stash file /home/server_good2/.qmake.stash  
# make  
g++ -c -pipe -O2 -std=gnu++11 -Wall -W -D_REENTRANT -fPIC -DQT_DEPRECATED_WARNINGS -DQT_NO_DEBUG -DQT_NETWORK_LIB -DQT_CORE_LIB -I . -isystem /usr/include/x86_64-linux-gnu/qt5/mkspecs/linux-g++ -o functions.o functions.cpp  
g++ -c -pipe -O2 -std=gnu++11 -Wall -W -D_REENTRANT -fPIC -DQT_DEPRECATED_WARNINGS -DQT_NO_DEBUG -DQT_NETWORK_LIB -DQT_CORE_LIB -I . -isystem /usr/include/x86_64-linux-gnu/qt5/mkspecs/linux-g++ -o main.o main.cpp  
g++ -c -pipe -O2 -std=gnu++11 -Wall -W -D_REENTRANT -fPIC -DQT_DEPRECATED_WARNINGS -DQT_NO_DEBUG -DQT_NETWORK_LIB -DQT_CORE_LIB -I . -isystem /usr/include/x86_64-linux-gnu/qt5/mkspecs/linux-g++ -o mytcpserver.o mytcpserver.cpp  
mytcpserver.cpp: In member function 'void MyTcpServer::slotServerRead()':  
mytcpserver.cpp:50:9: warning: unused variable 'id' [-Wunused-variable]  
    50 |         int id = (int)clientSocket->socketDescriptor();  
     |         ^~~~~~  
g++ -pipe -O2 -std=gnu++11 -Wall -W -DM -E -o moc_prelude.h /usr/lib/x86_64-linux-gnu/qt5/mkspecs/features/data/dummy.cpp  
4-linux-gnu/qt5/mkspecs/linux-g++ -I/home/server_good2 -I/usr/include/x86_64-linux-gnu/qt5/QtCore -I/usr/include/x86_64-linux-gnu/qt5/QtNetwork -I/usr/include/x86_64-linux-gnu/qt5/QtWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtSql -I/usr/include/x86_64-linux-gnu/qt5/QtOpenGL -I/usr/include/x86_64-linux-gnu/qt5/QtPrintSupport -I/usr/include/x86_64-linux-gnu/qt5/QtHelp -I/usr/include/x86_64-linux-gnu/qt5/QtMultimedia -I/usr/include/x86_64-linux-gnu/qt5/QtPositioning -I/usr/include/x86_64-linux-gnu/qt5/QtPositioningWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick -I/usr/include/x86_64-linux-gnu/qt5/QtQuickWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuickPositioning -I/usr/include/x86_64-linux-gnu/qt5/QtQuickPositioningWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuickParticles -I/usr/include/x86_64-linux-gnu/qt5/QtQuickParticlesWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuickScene2D -I/usr/include/x86_64-linux-gnu/qt5/QtQuickScene2DWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3D -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DParticles -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DParticlesWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DScene -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DSceneWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DAnimation -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DAnimationWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DInput -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DInputWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DIntegration -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DIntegrationWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DText -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DTextWidgets -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DTextIntegration -I/usr/include/x86_64-linux-gnu/qt5/QtQuick3DTextIntegrationWidgets  
/9/include -I/usr/local/include -I/usr/include/x86_64-linux-gnu -I/usr/include/mytcpserver.h -o moc_mytcpserver.cpp  
g++ -c -pipe -O2 -std=gnu++11 -Wall -W -D_REENTRANT -fPIC -DQT_DEPRECATED_WARNINGS -DQT_NO_DEBUG -DQT_NETWORK_LIB -DQT_CORE_LIB -I . -isystem /usr/include/x86_64-linux-gnu/qt5/mkspecs/linux-g++ -o moc_mytcpserver.o moc_mytcpserver.cpp  
g++ -Wl,-O1 -o echoServer_351_g functions.o main.o mytcpserver.o moc_mytcpserver.o /usr/lib/x86_64-linux-gnu/libQt5Network.so /usr/lib/x86_64-linux-gnu/libQtCore.so -lpthread  
# make install  
/usr/lib/qt5/bin/qmake -install qinstall -e exec echoServer_351_g /opt/echoServer_351_g/bin/echoServer_351_g  
strip /opt/echoServer_351_g/bin/echoServer_351_g  
# ls /opt/echoServer_351_g  
bin  
# ls /opt/echoServer_351_g/bin  
echoServer_351_g  
# ls -la /opt/echoServer_351_g/bin  
total 48  
drwxr-xr-x 2 root root 4096 May 3 22:16 .  
drwxr-xr-x 3 root root 4096 May 3 22:16 ..  
-rwxr-xr-x 1 root root 39288 May 3 22:16 echoServer_351_g  
# cd /opt/echoServer_351_g/bin  
# ls  
echoServer_351_g  
# ./echoServer_351_g  
server is started
```

```
Last login: Mon May 3 22:03:48 on ttys000  
The default interactive shell is now zsh.  
To update your account to use zsh, please run `chsh -s /bin/zsh'.  
For more details, please visit https://support.apple.com/kb/HT208058.  
MacBook-Pro-Alisia:~ elya$ docker cp /Users/elya/Desktop/server_good2 server_photolife:/home  
MacBook-Pro-Alisia:~ elya$ docker commit server_photolife dockerid/myimage  
sha256:3b32072fa4595e2d93731ed937653fbba35150d8746399f1df83bb5de84590dc  
MacBook-Pro-Alisia:~ elya$ docker tag sha256:3b32072fa4595e2d93731ed937653fbba35150d8746399f1df83bb5de84590dc photolife/server_photolife  
MacBook-Pro-Alisia:~ elya$ docker push photolife/server_photolife  
Using default tag: latest  
The push refers to repository [docker.io/photolife/server_photolife]  
17b989d65d54: Pushed  
c20d459170d8: Mounted from photolife/first_docker  
d5978cae6a05: Mounted from photolife/first_docker  
aeb3f02e9374: Mounted from photolife/first_docker  
latest: digest: sha256:0978b1e5ab15f6244b8df88cbaf3c7847da1286d677dac4e3712f475f4885eb size: 1156  
MacBook-Pro-Alisia:~ elya$   
● ● ● elya — com.docker.cli - dockerc exec -it c5dbe600659cffafc7d57749a1ab3b2a877ce6c6b1809df4f297acaec974106f /bin/sh — 150x18  
# make install  
/usr/lib/qt5/bin/qmake -install qinstall -e exec echoServer_351_g /opt/echoServer_351_g/bin/echoServer_351_g  
strip /opt/echoServer_351_g/bin/echoServer_351_g  
# ls /opt/echoServer_351_g  
bin  
# ls /opt/echoServer_351_g/bin  
echoServer_351_g  
# ls -la /opt/echoServer_351_g/bin  
total 48  
drwxr-xr-x 2 root root 4096 May 3 22:16 .  
drwxr-xr-x 3 root root 4096 May 3 22:16 ..  
-rwxr-xr-x 1 root root 39288 May 3 22:16 echoServer_351_g  
# cd /opt/echoServer_351_g/bin  
# ls  
echoServer_351_g  
# ./echoServer_351_g  
server is started
```

Safari Файл Правка Вид История Закладки Окно Справка Пн, 3 мая 22:25

hub.docker.com

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photolife/server_photolife

This repository does not have a description [Edit](#)

Last pushed: a minute ago

Docker commands [Public View](#)

To push a new tag to this repository,

`docker push photolife/server_photolife:tagname`

Tags and Scans **VULNERABILITY SCANNING - DISABLED** [Enable](#)

This repository contains 1 tag(s).

TAG	OS	PULLED	PUSHED
latest	🐧	a minute ago	a minute ago

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Safari Файл Правка Вид История Закладки Окно Справка Пн, 3 мая 22:27

hub.docker.com

dockerhub Search for great content (e.g., mysql)

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latest Last pushed 3 minutes ago by photolife

DIGEST 0978b1e5ab15 OS/ARCH linux/amd64 SCANNED --- LAST PULL 3 minutes ago COMPRESSED SIZE 251.7 MB

`docker pull photolife/server_photolife:lat` [Copy](#) **Pull command copied**

