

```

mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ cd ~
mat03@matveyVB:~$ ls
├── Arthur_Kitsuragi
├── boost_1_69_0
├── Desktop
├── Downloads
├── nano.save
├── Public
├── snap
├── Videos
├── Documents
├── Music
├── Pictures
├── shared
├── Templates
└──
mat03@matveyVB:~$

mat03@matveyVB:~/boost_1_69_0$ ls
boost_1_69_0
mat03@matveyVB:~/boost_1_69_0$ cd boost_1_69_0
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ ls
boost          boost.css      bootstrap.sh   index.html    libs          rst.css
boost-build.jam boost.png      doc           INSTALL       LICENSE_1_0.txt status
boostcpp.jam  bootstrap.bat index.htm      Jamroot       more          tools
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$

```

Результат выполнения пунктов 1,2.

```

mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ tree -L 1
.
├── boost
├── boost-build.jam
├── boostcpp.jam
├── boost.css
├── boost.png
├── bootstrap.bat
├── bootstrap.sh
├── doc
├── index.htm
├── index.html
├── INSTALL
├── Jamroot
├── libs
├── LICENSE_1_0.txt
├── more
├── rst.css
├── status
└── tools

6 directories, 12 files
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$
├── xmlbase2-1_6.gold-html
├── xmlbase2-1_6.quickbook
├── xml_escape-1_2.gold
├── xml_escape-1_2.gold-html
├── xml_escape-1_2.quickbook
├── xml_escape-1_5.gold
├── xml_escape-1_5.gold-html
└── xml_escape-1_5.quickbook

5637 directories, 61191 files

```

Результат выполнения пунктов 3,4.

```

├── strings.h
├── subst.h
├── timestamp.h
├── variable.h
├── test
│   ├── prebuilt
│   │   └── ext
│   │       ├── debug
│   │       │   └── a.h
│   │       └── release
│   │           └── a.h
│   ├── qt4
│   │   └── mock.h
│   ├── qt5
│   │   └── mock.h
│   └── railsys
│       ├── libx
│       │   └── include
│       │       └── test_libx.h
│       └── program
│           └── include
│               └── test_a.h

```

114 directories, 296 files

```

├── template_stack.cpp
├── tree.cpp
├── utils.cpp
├── values.cpp
├── xml_parse.cpp
├── test
│   ├── callouts.cpp
│   ├── snippets
│   │   ├── pass_thru.cpp
│   │   ├── unbalanced_snippet1.cpp
│   │   └── unbalanced_snippet2.cpp
│   ├── src
│   │   └── text_diff.cpp
│   ├── stub.cpp
│   └── unit
│       ├── cleanup_test.cpp
│       ├── glob_test.cpp
│       ├── path_test.cpp
│       ├── post_process_test.cpp
│       ├── source_map_test.cpp
│       ├── symbols_find_null.cpp
│       ├── symbols_tests.cpp
│       ├── utils_test.cpp
│       └── values_test.cpp

```

1539 directories, 13774 files

```
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ find . -type f -not -name "*.cpp" -not -name "*.h" | wc -l
47121
```

5 пункт.

```
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ find . -type f -name "any.hpp"
./boost/any.hpp
./boost/type_erasure/any.hpp
./boost/hana/any.hpp
./boost/hana/fwd/any.hpp
./boost/fusion/algorithm/query/any.hpp
./boost/fusion/algorithm/query/detail/any.hpp
./boost/fusion/include/any.hpp
./boost/proto/detail/any.hpp
./boost/spirit/home/support/algorithm/any.hpp
./boost/xpressive/detail/utility/any.hpp
```

6 пункт.

```
mat03@matveyVB:~/boost_1_69_0/boost_1_69_0$ grep -iRL "boost::asio"
doc/html/process/reference.html
doc/html/boost_process/extend.html
doc/html/boost_process/tutorial.html
doc/html/boost_process/async_pipe.html
doc/html/boost_process/std_in.html
doc/html/boost_process/std_out.html
doc/html/boost_process/on_exit.html
doc/html/boost_process/spawn.html
doc/html/boost_asio/net_ts.html
doc/html/boost_asio/example/cpp17/coroutines_ts/chat_server.cpp
doc/html/boost_asio/example/cpp17/coroutines_ts/echo_server.cpp
doc/html/boost_asio/example/cpp17/coroutines_ts/refactored_echo_server.cpp
doc/html/boost_asio/example/cpp17/coroutines_ts/double_buffered_echo_server.cpp
doc/html/boost_asio/example/cpp17/coroutines_ts/range_based_for.cpp
doc/html/boost_asio/example/cpp11/timers/time_t_timer.cpp
doc/html/boost_asio/example/cpp11/operations/composed_1.cpp
doc/html/boost_asio/example/cpp11/operations/composed_2.cpp
doc/html/boost_asio/example/cpp11/operations/composed_3.cpp
doc/html/boost_asio/example/cpp11/operations/composed_5.cpp
doc/html/boost_asio/example/cpp11/operations/composed_4.cpp
doc/html/boost_asio/example/cpp11/allocation/server.cpp
doc/html/boost_asio/example/cpp11/futures/daytime_client.cpp
doc/html/boost_asio/example/cpp11/executors/pipeline.cpp
doc/html/boost_asio/example/cpp11/executors/bank_account_1.cpp
doc/html/boost_asio/example/cpp11/executors/priority_scheduler.cpp
doc/html/boost_asio/example/cpp11/executors/actor.cpp
doc/html/boost_asio/example/cpp11/executors/fork_join.cpp
doc/html/boost_asio/example/cpp11/executors/bank_account_2.cpp
doc/html/boost_asio/example/cpp11/spawn/echo_server.cpp
doc/html/boost_asio/example/cpp11/spawn/parallel_grep.cpp
doc/html/boost_asio/example/cpp11/fork/daemon.cpp
doc/html/boost_asio/example/cpp11/fork/process_per_connection.cpp
doc/html/boost_asio/example/cpp11/invoke/prioritised_handlers.cpp
doc/html/boost_asio/example/cpp11/echo/blocking_tcp_echo_client.cpp
doc/html/boost_asio/example/cpp11/echo/async_tcp_echo_server.cpp
doc/html/boost_asio/example/cpp11/echo/async_udp_echo_server.cpp
doc/html/boost_asio/example/cpp11/echo/blocking_udp_echo_server.cpp
doc/html/boost_asio/example/cpp11/echo/blocking_tcp_echo_server.cpp
doc/html/boost_asio/example/cpp11/echo/blocking_udp_echo_client.cpp
doc/html/boost_asio/example/cpp11/buffers/reference_counted.cpp
```

7 пункт (на скриншоте не все файлы, т.к. их довольно много).

```
mat03@matveyVB:~/boost-libs$ ls
include  lib
mat03@matveyVB:~/boost-libs$
```

8 и 9 пункты.

```
0      lib/libboost_stacktrace_basic.so
2,4M   lib/libboost_unit_test_framework.a
0      lib/libboost_iostreams.so
1,7M   lib/libboost_program_options.a
120K   lib/libboost_math_c99l.so.1.69.0
0      lib/libboost_context.so
476K   lib/libboost_serialization.so.1.69.0
196K   lib/libboost_coroutine.a
0      lib/libboost_system.so
904K   lib/libboost_graph.a
4,0K   lib/libboost_stacktrace_noop.a
0      lib/libboost_math_c99f.so
56K    lib/libboost_timer.a
88K    lib/libboost_coroutine.so.1.69.0
16K    lib/libboost_stacktrace_basic.a
4,5M   lib/libboost_log.a
3,1M   lib/libboost_math_tr1f.a
0      lib/libboost_log_setup.so
48K    lib/libboost_timer.so.1.69.0
152K   lib/libboost_filesystem.so.1.69.0
732K   lib/libboost_program_options.so.1.69.0
104K   lib/libboost_date_time.so.1.69.0
54M    lib
```

(на скриншоте не все файлы, т.к. их довольно много).

```
mat03@matveyVB:~/boost-libs$ find $pwd -xdev -type f -size +2M -exec du -sh {} ';' | sort -rh
4,7M   ./lib/libboost_wave.a
4,5M   ./lib/libboost_log.a
3,5M   ./lib/libboost_locale.a
3,2M   ./lib/libboost_regex.a
3,1M   ./lib/libboost_math_tr1l.a
3,1M   ./lib/libboost_math_tr1f.a
3,1M   ./lib/libboost_math_tr1.a
2,7M   ./lib/libboost_log_setup.a
2,4M   ./lib/libboost_unit_test_framework.a
2,4M   ./lib/libboost_test_exec_monitor.a
```

Пункты 10 и 11.