



Qt

Serg Kryvonos  
2023 Berlin

EXPLORER

- ▼ RACING
  - > .devcontainer
  - > .vscode
  - > build
  - > Client
  - > Server
  - ◆ .gitignore
  - M CMakeLists.txt
  - 👤 LICENSE
  - 📄 README.md

# PROBLEM

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS SERIAL MONITOR COM

```

( find_package ):
[cmake] Could not find a package configuration file provided by "QT"
[cmake] the following names:
[cmake]
[cmake] .....Qt6Config.cmake
[cmake] .....qt6-config.cmake
[cmake] .....Qt5Config.cmake
[cmake] .....qt5-config.cmake
[cmake]
[cmake] Add the installation prefix of "QT" to CMAKE_PREFIX_PATH or s
[cmake] a directory containing one of the above files. If "QT" provi
[cmake] development package or SDK, be sure it has been installed.

```

## Select a Kit for racing

[Scan for kits] Search for compilers on this computer

[Unspecified] Unspecified (Let CMake guess what compilers and environment to use)

Clang 12.0.0 (GNU CLI) for MSVC 16.11.34301.259 (Visual Studio Build Tools 2019 Release - amd...

Clang 12.0.0 (GNU CLI) for MSVC 16.11.34301.259 (Visual Studio Build Tools 2019 Release - x86)...

Clang 12.0.0 (MSVC CLI) for MSVC 16.11.34301.259 (Visual Studio Build Tools 2019 Release - am...

Clang 12.0.0 (MSVC CLI) for MSVC 16.11.34301.259 (Visual Studio Build Tools 2019 Release - x86...

Clang 16.0.5 (GNU CLI) for MSVC 17.8.34316.72 (Visual Studio Community 2022 Release - amd6...

Clang 16.0.5 (GNU CLI) for MSVC 17.8.34316.72 (Visual Studio Community 2022 Release - x86) U...

Clang 16.0.5 (MSVC CLI) for MSVC 17.8.34316.72 (Visual Studio Community 2022 Release - amd...

Clang 16.0.5 (MSVC CLI) for MSVC 17.8.34316.72 (Visual Studio Community 2022 Release - x86)...

Visual Studio Build Tools 2019 Release - amd64 Using compilers for 16.11.32 (x64 architecture)

Visual Studio Build Tools 2019 Release - amd64\_x86 Using compilers for 16.11.32 (x64\_x86 architectu...

Visual Studio Build Tools 2019 Release - x86 Using compilers for 16.11.32 (x86 architecture)

Visual Studio Build Tools 2019 Release - x86\_amd64 Using compilers for 16.11.32 (x86\_x64 architectu...

Visual Studio Community 2022 Release - amd64 Using compilers for 17.8.1 (x64 architecture)

Visual Studio Community 2022 Release - amd64\_x86 Using compilers for 17.8.1 (x64\_x86 architecture)

Visual Studio Community 2022 Release - x86 Using compilers for 17.8.1 (x86 architecture)

# Quite commmand list

```
>Qt
```

**Qt:** Register Qt Installation

**Qt:** Load and Build Qt Project

**Qt:** Pick Default Qt Installation

## Select a Kit for racing

Qt-5.15.2-winrt\_x64\_msvc2015 Unspecified (Let CMake guess what compilers and environment to use)

Qt-5.15.2-winrt\_x64\_msvc2019 Unspecified (Let CMake guess what compilers and environment to use)

Qt-5.15.2-winrt\_x86\_msvc2019 Unspecified (Let CMake guess what compilers and environment to use)

Qt-6.6.0-android\_arm64\_v8a Kit for toolchain file c:\Qt\6.6.0\android\_arm64\_v8a\lib\cmake\Qt6\qt.tool...

Qt-6.6.0-android\_armv7 Kit for toolchain file c:\Qt\6.6.0\android\_armv7\lib\cmake\Qt6\qt.toolchain.cma...

Qt-6.6.0-android\_x86 Kit for toolchain file c:\Qt\6.6.0\android\_x86\lib\cmake\Qt6\qt.toolchain.cmake

Qt-6.6.0-android\_x86\_64 Kit for toolchain file c:\Qt\6.6.0\android\_x86\_64\lib\cmake\Qt6\qt.toolchain.cm...

Qt-6.6.0-mingw\_64 Kit for toolchain file c:\Qt\6.6.0\mingw\_64\lib\cmake\Qt6\qt.toolchain.cmake

Qt-6.6.0-msvc2019\_64 - Clang 12.0.0 (GNU CLI) for MSVC 16.11.34301.259 (Visual Studio Build T...

Qt-6.6.0-msvc2019\_64 - Clang 12.0.0 (MSVC CLI) for MSVC 16.11.34301.259 (Visual Studio Build ...

Qt-6.6.0-msvc2019\_64 - Clang 16.0.5 (GNU CLI) for MSVC 17.8.34316.72 (Visual Studio Communi...

Qt-6.6.0-msvc2019\_64 - Clang 16.0.5 (MSVC CLI) for MSVC 17.8.34316.72 (Visual Studio Commu...

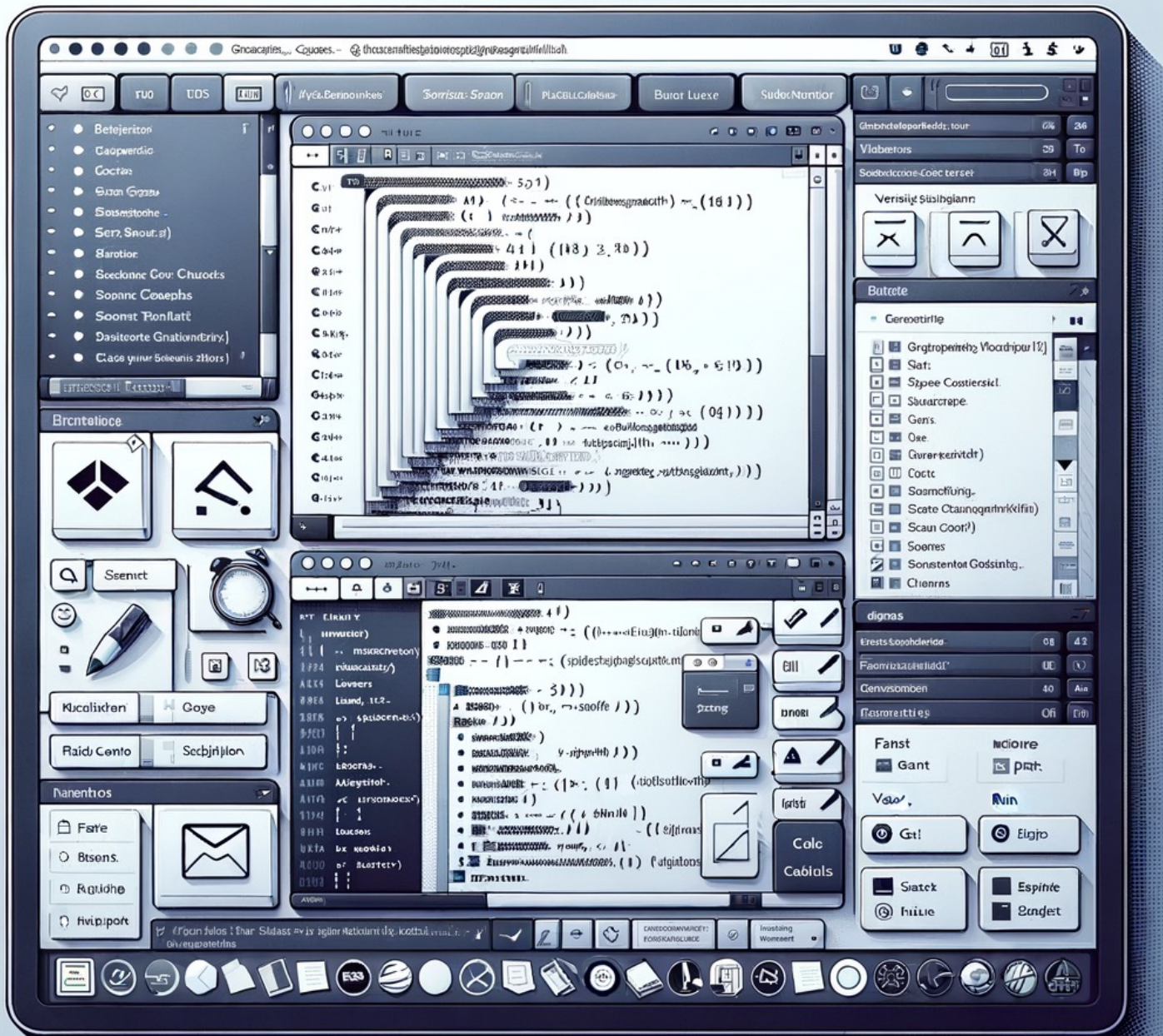
Qt-6.6.0-msvc2019\_64 - Visual Studio Build Tools 2019 Release - amd64 Kit for toolchain file c:\Qt\...

Qt-6.6.0-msvc2019\_64 - Visual Studio Build Tools 2019 Release - x86\_amd64 Kit for toolchain file c:\Qt\6.6.0\msvc2019\_64\lib\cmake\Qt6\qt.toolchain.cmake

Qt-6.6.0-msvc2019\_64 - Visual Studio Community 2022 Release - amd64 Kit for toolchain file c:\Qt\...

Qt-6.6.0-msvc2019\_64 - Visual Studio Community 2022 Release - x86\_amd64 Kit for toolchain file ...

Qt-6.6.0-wasm\_multithread Kit for toolchain file c:\Qt\6.6.0\wasm\_multithread\lib\cmake\Qt6\qt.toolch...



# FEATURES

Qt installation detection

CMake kits integration

QMake pro build

QML

UI designer integration

MinGW

Visual Studio Clang

# QMake

- Pick Qt installation
- See new settings.json
- Build

The screenshot shows the Qt installation selection dialog in Visual Studio Code. The dialog title is "Select a default Qt installation". It lists various Qt installation paths, with "c:\Qt\6.6.0\mingw\_64" selected. Below the dialog, a snippet of C++ code is visible, showing a button being added to a message box: `mbox.addButton( "Ignore", QMessageBox::AcceptRole );`. The terminal window at the bottom shows the command `git clean -xdf` being executed, which removes the `.qmake.stash`, `.vscode/`, `Makefile`, `Makefile.Debug`, `Makefile.Release`, `debug/`, and `release/` directories. A notification in the bottom right corner states "Found 21 Qt installation(s)." and "Source: Qt (Extension)".

```
Select a default Qt installation
```

- c:\Qt\5.15.2\msvc2019\_64
- c:\Qt\5.15.2\wasm\_32
- c:\Qt\5.15.2\winrt\_armv7\_msvc2015
- c:\Qt\5.15.2\winrt\_armv7\_msvc2019
- c:\Qt\5.15.2\winrt\_x64\_msvc2015
- c:\Qt\5.15.2\winrt\_x64\_msvc2019
- c:\Qt\5.15.2\winrt\_x86\_msvc2019
- c:\Qt\6.6.0\android\_arm64\_v8a
- c:\Qt\6.6.0\android\_armv7
- c:\Qt\6.6.0\android\_x86
- c:\Qt\6.6.0\android\_x86\_64
- c:\Qt\6.6.0\mingw\_64
- c:\Qt\6.6.0\msvc2019\_64
- c:\Qt\6.6.0\msvc2019\_arm64
- c:\Qt\6.6.0\wasm\_multithread
- c:\Qt\6.6.0\wasm\_singlethread

```
37  
38     mbox.addButton( "Ignore", QMessageBox::AcceptRole );  
39  
40     mbox.exec();
```

PROBLEMS (17) OUTPUT DEBUG CONSOLE **TERMINAL** PORTS SERIAL MONITOR COMMENTS

```
• PS C:\Users\sekryvon\QMessageBoxSampleApp> git clean -xdf  
Removing .qmake.stash  
Removing .vscode/  
Removing Makefile  
Removing Makefile.Debug  
Removing Makefile.Release  
Removing debug/  
Removing release/  
○ PS C:\Users\sekryvon\QMessageBoxSampleApp> █
```

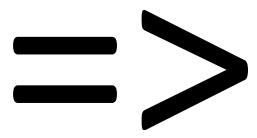
Found 21 Qt installation(s).  
Source: Qt (Extension)

# DEMO

Staging restricted, qt/#dev to save the resources & get most important changes in. Restrictions will be in place until '6.7

## qt-labs/vscodeext

Detail: [Repo settings](#)  
Browse: [gitweb](#)



Subject	Owner	Reviewers	Repo
☆ Change location of Qt kits JSON file to globalStorage	Serg Kryvonos	Alexandru, Joerg, +2	qt-labs/vscodeext
☆ Linter: Add stylistic checks	Orkun Tokdemir	► Serg, ► Joerg, +1	qt-labs/vscodeext
☆ Linter: Improve checks	Orkun Tokdemir	► Serg, ► Joerg, +1	qt-labs/vscodeext
☆ Fix MSVS Clang kits detection	Serg Kryvonos	Alexandru, Joerg, +2	qt-labs/vscodeext
☆ Recreate Qt CMake kits file if it was deleted	Serg Kryvonos	Alexandru, Joerg, +2	qt-labs/vscodeext
☆ Support Qt5 kits	Serg Kryvonos	Alexandru, Joerg, +2	qt-labs/vscodeext



# CMake

- Pick Qt-CMake kit
- Configure
- Build

Select a Kit for racing

Qt-5.15.2-winnt\_x64\_msvc2015 Unspecified (Let CMake guess what compilers and e  
Qt-5.15.2-winnt\_x64\_msvc2019 Unspecified (Let CMake guess what compilers and e  
Qt-5.15.2-winnt\_x86\_msvc2019 Unspecified (Let CMake guess what compilers and e  
Qt-6.6.0-android\_arm64\_v8a Kit for toolchain file c:\Qt\6.6.0\android\_arm64\_v8a\lib  
Qt-6.6.0-android\_armv7 Kit for toolchain file c:\Qt\6.6.0\android\_armv7\lib\cmake\Q  
Qt-6.6.0-android\_x86 Kit for toolchain file c:\Qt\6.6.0\android\_x86\lib\cmake\Qt6\qt.  
Qt-6.6.0-android\_x86\_64 Kit for toolchain file c:\Qt\6.6.0\android\_x86\_64\lib\cmake\  
Qt-6.6.0-mingw\_64 Kit for toolchain file c:\Qt\6.6.0\mingw\_64\lib\cmake\Qt6\qt.tool  
Qt-6.6.0-msvc2019\_64 - Clang 12.0.0 (GNU CLI) for MSVC 16.11.34301.259 (Vis  
Qt-6.6.0-msvc2019\_64 - Clang 12.0.0 (MSVC CLI) for MSVC 16.11.34301.259 (V  
Qt-6.6.0-msvc2019\_64 - Clang 16.0.5 (GNU CLI) for MSVC 17.8.34316.72 (Visua  
Qt-6.6.0-msvc2019\_64 - Clang 16.0.5 (MSVC CLI) for MSVC 17.8.34316.72 (Visu  
Qt-6.6.0-msvc2019\_64 - Visual Studio Build Tools 2019 Release - amd64 Kit for  
Qt-6.6.0-msvc2019\_64 - Visual Studio Build Tools 2019 Release - x86\_amd64 K  
Qt-6.6.0-msvc2019\_64 - Visual Studio Community 2022 Release - amd64 Kit fo  
Qt-6.6.0-msvc2019\_64 - Visual Studio Community 2022 Release - x86\_amd64 K  
Qt-6.6.0-wasm\_multithread Kit for toolchain file c:\Qt\6.6.0\wasm\_multithread\lib\cr

# DEMO

GitHub users are now required to enable two-factor authentication as an additional security measure. Your activity on GitHub includes you in this requirement. No action is required on your part. Two-factor authentication will be permanently required on your account after January 12, 2024.

ohhmm racing Public



Watch 1

Fork 0

Star 0

ohhmm Corrected expected result e0dc487 · last year 14 Commits

main	Go to file	Add file
.devcontainer	Qml server app	last year
Client	Client	last year
Server	Corrected expected result	last year
.gitignore	BusinessLogic dependency fix	last year
CMakeLists.txt	BusinessLogic dependency fix	last year
LICENSE	Initial commit	last year
README.md	readme	last year

### About

No description, website

Readme

BSL-1.0 license

1 Branch

0 Tags

Activity

0 stars

1 watching

0 forks

Report repository

### Releases

Navigation icons: back, refresh, home, lock, address bar (http)

GitHub profile: ohhmm / raci

Code Issues

GitHub users are now required to use two-factor authentication

Repository: raci

Contributors: ohhmm

Branches: main

Files: .devcontainer, Client, Server, .gitignore, CMakeLists.txt, LICENSE, README



Q&A

Search: Type [ ] to search

Notification: you in this requirement. No action is required on your part.

Actions: Watch 1, Fork 0, Star 0

Commits: 14 Commits

About

No description, website

- Readme
- BSL-1.0 license
- 1 Branch
- 0 Tags
- Activity
- 0 stars
- 1 watching
- 0 forks

Report repository

Releases