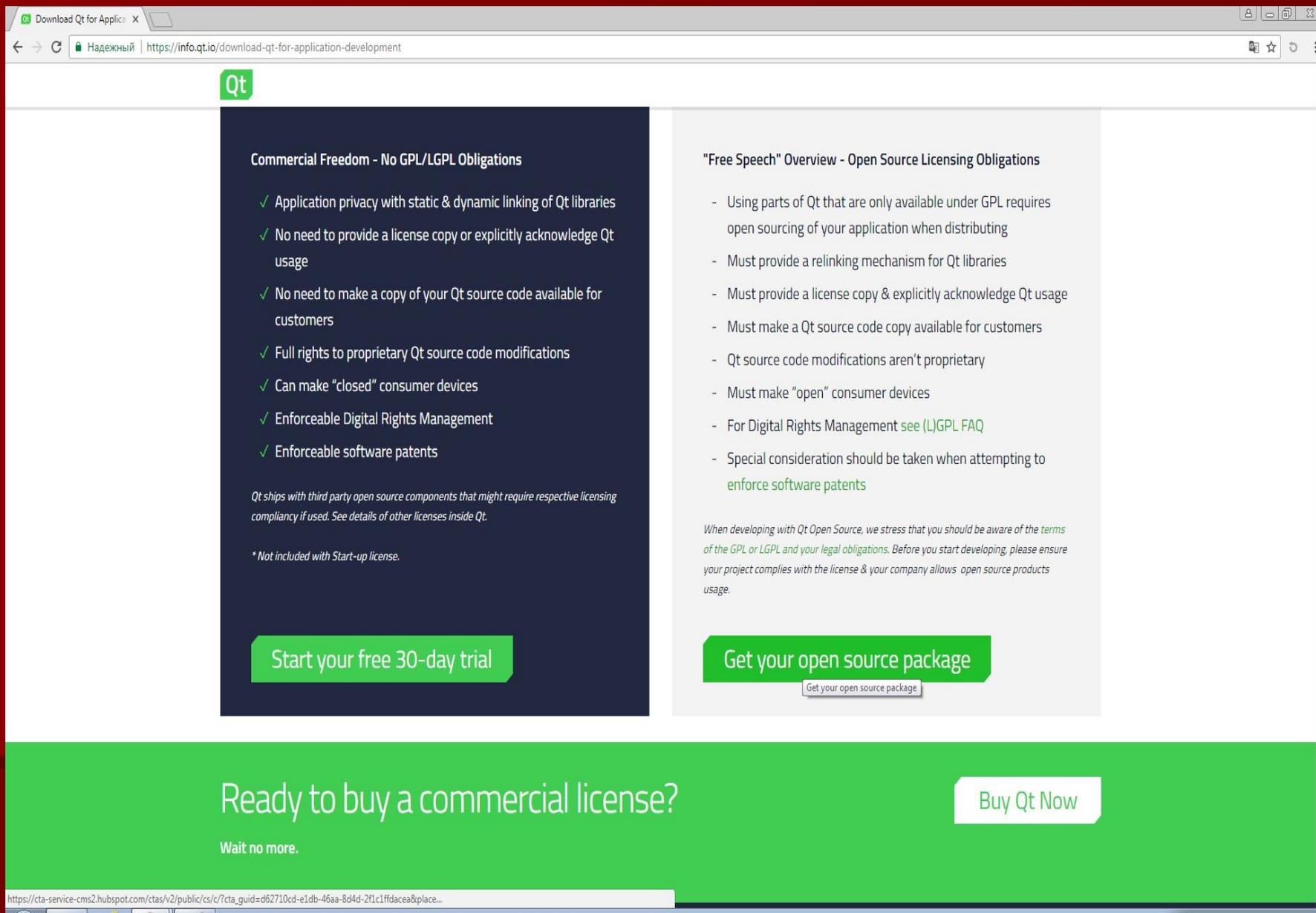


Заходим на сайт <https://www.qt.io/download/>
и скачиваем по инструкции (open source package, для windows в примере windows 7).



The screenshot shows a web browser window with the address bar displaying <https://info.qt.io/download-qt-for-application-development>. The page features the Qt logo in the top left corner. The main content is divided into two columns. The left column, titled "Commercial Freedom - No GPL/LGPL Obligations", lists several benefits of the commercial license, such as application privacy, no need for license copies, and full rights to proprietary source code modifications. Below this list is a green button labeled "Start your free 30-day trial". The right column, titled "'Free Speech' Overview - Open Source Licensing Obligations", lists requirements for using Qt under open source licenses, including providing a relinking mechanism and license copy. Below this list is a green button labeled "Get your open source package". At the bottom of the page, a large green banner contains the text "Ready to buy a commercial license?" and a white button labeled "Buy Qt Now".

Qt

Commercial Freedom - No GPL/LGPL Obligations

- ✓ Application privacy with static & dynamic linking of Qt libraries
- ✓ No need to provide a license copy or explicitly acknowledge Qt usage
- ✓ No need to make a copy of your Qt source code available for customers
- ✓ Full rights to proprietary Qt source code modifications
- ✓ Can make "closed" consumer devices
- ✓ Enforceable Digital Rights Management
- ✓ Enforceable software patents

Qt ships with third party open source components that might require respective licensing compliancy if used. See details of other licenses inside Qt.

** Not included with Start-up license.*

[Start your free 30-day trial](#)

"Free Speech" Overview - Open Source Licensing Obligations

- Using parts of Qt that are only available under GPL requires open sourcing of your application when distributing
- Must provide a relinking mechanism for Qt libraries
- Must provide a license copy & explicitly acknowledge Qt usage
- Must make a Qt source code copy available for customers
- Qt source code modifications aren't proprietary
- Must make "open" consumer devices
- For Digital Rights Management [see \(L\)GPL FAQ](#)
- Special consideration should be taken when attempting to [enforce software patents](#)

When developing with Qt Open Source, we stress that you should be aware of the terms of the GPL or LGPL and your legal obligations. Before you start developing, please ensure your project complies with the license & your company allows open source products usage.

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[Get your open source package](#)

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[Buy Qt Now](#)

https://cta-service-cms2.hubspot.com/ctas/v2/public/cs/c/?cta_guid=d62710cd-e1db-46aa-884d-2f1c1ff4acea&place...



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Your download

We detected your operating system as: Windows
Recommended download: [Qt Online Installer for Windows](#)

Before you begin your download, please make sure you:

- > learn about the [obligations of the LGPL](#).
- > read the [FAQ](#) about developing with the LGPL.

[Download Now](#)

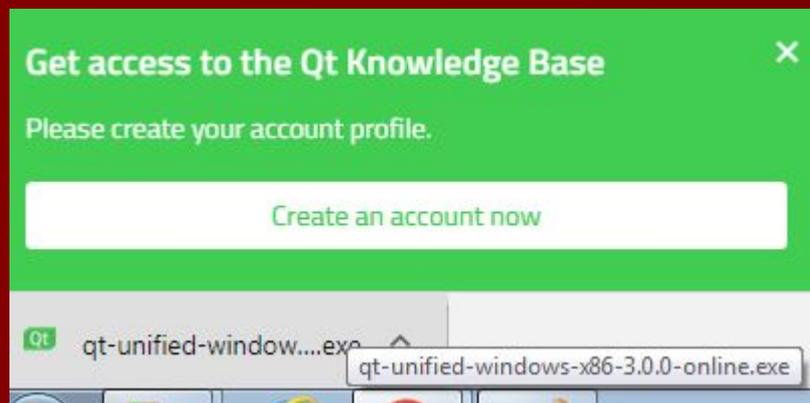
Qt online installer is a small executable which downloads content over internet based on your selections. It provides all Qt 5.x binary & source packages and latest Qt Creator.

For more information visit our [Developers page](#).

Not the download package you need? [View All Downloads](#)



После скачивания должны получить файл с названием «qt-unified-windows-x86-3.0.0-online» (версия «x86-3.0.0-online» может отличаться)
Запускаем полученный файл. Далее обращаем внимание на слайдах на подсвеченные кнопки(на них нужно нажимать для корректной установки).



Установка Qt

Welcome to the Qt online installer

This installer provides you with the option to download either an open source or commercial version of Qt.

Commercial users: Please log in with your Qt Account credentials.

Open source users: You have the option to log in using your Qt Account credentials (e.g. your Qt Forum login). If you do not have a login yet, you have the option to create one in the next step.

[Qt Account - Get access to a variety of services](#)

[Packaging and pricing options](#)

[LGPL compliance & obligations](#)

[Choosing the right license for your project](#)

Далее

Отмена



Установка Qt



Qt Account – Your unified login to everything Qt

Please log in to Qt Account

Login

[Forgot password?](#)

Need a Qt Account?

Sign-up

I accept the [service terms](#).

Настройки

Skip

Отмена



Установка Qt



Установка - Qt

Welcome to open source Qt setup.

Настройки

Далее

Выйти



Установка Qt



Установка - Qt

Welcome to open source Qt setup.

Извлечение метаданных...



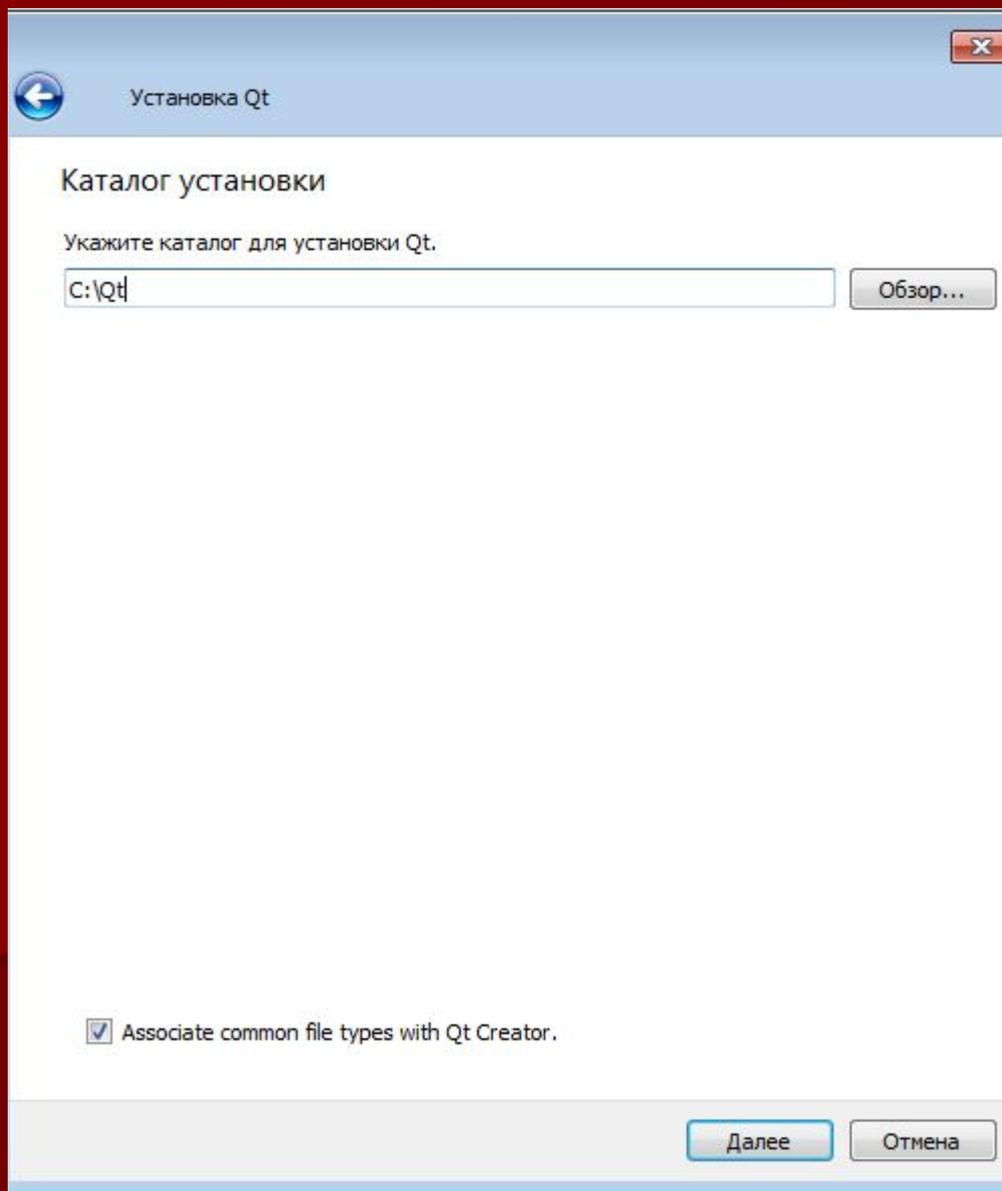
99%

Настройки

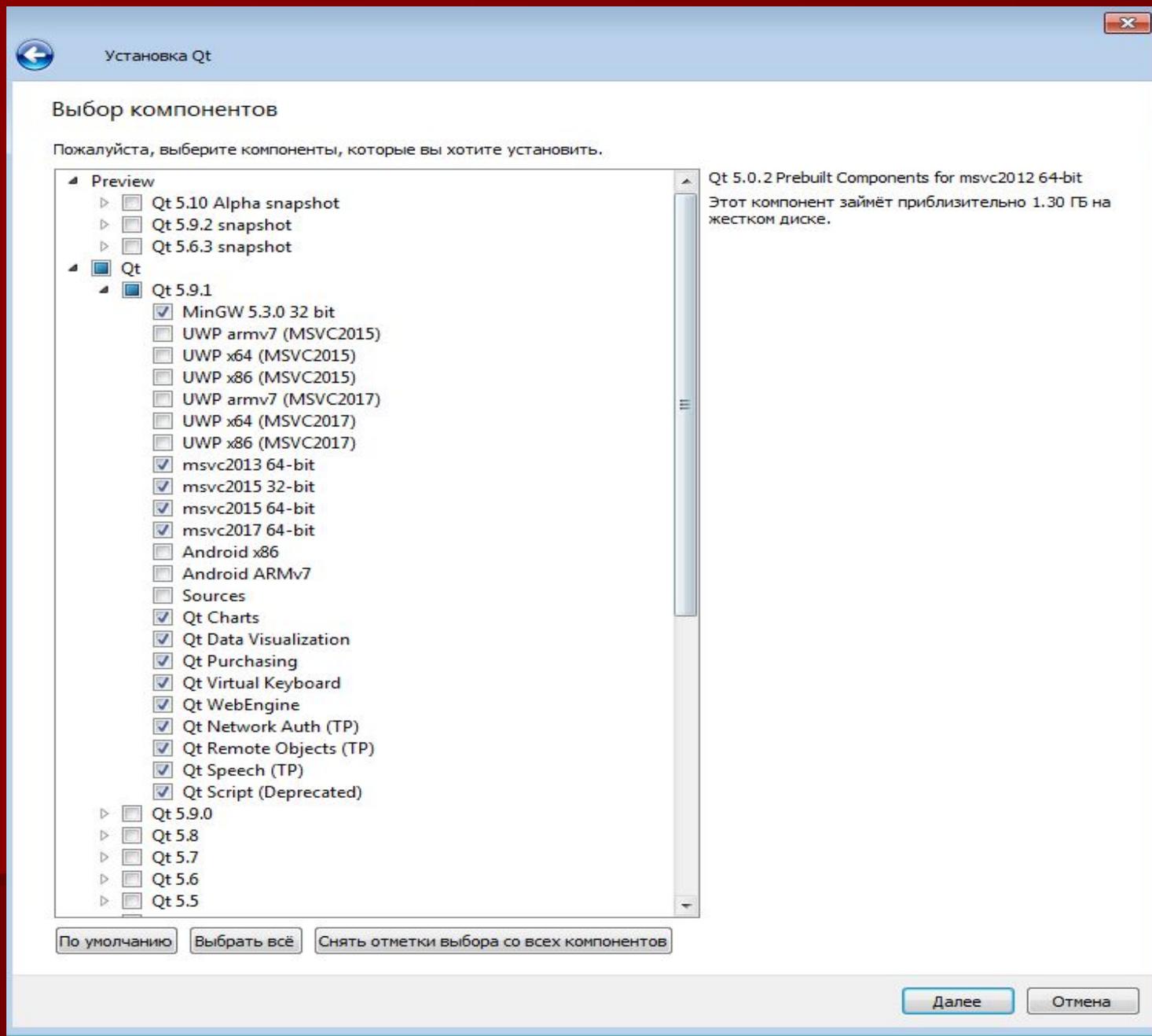
Далее

Выйти

Каталог может быть любым(выбирайте так чтобы свободного места было примерно 30 Gb)

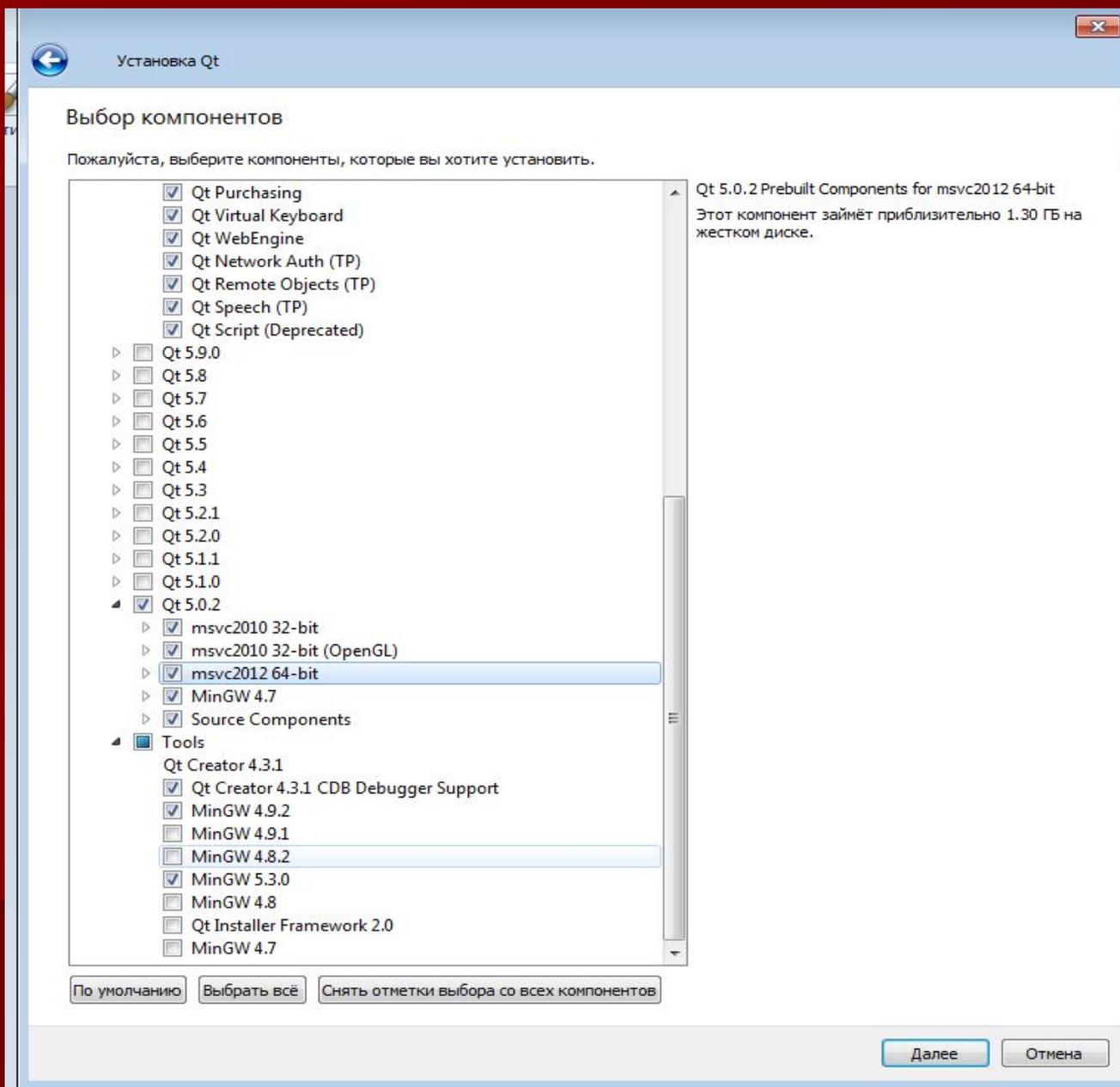


Важно! Галочки должны быть именно такие. Для Qt5.9.1



Если нет Qt5.9.1 то ставим версию ниже (или как в примере Qt5.0.2)

Важно! Секция Tools остается без изменений





Лицензионное соглашение

Пожалуйста, прочитайте следующие лицензионные соглашения. Вы должны согласиться со всеми условиями этих соглашений перед продолжением установки.

Qt Installer LGPL License Agreement

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

GENERAL

Qt is available under a commercial license with various pricing models and packages that meet a variety of needs. Commercial Qt license keeps your code proprietary where only you can control and monetize on your end product's development, user experience and distribution. You also get great perks like additional functionality, productivity enhancing tools, world-class support and a close strategic relationship with The Qt Company to make sure your product and development goals are met.

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Qt also contains some 3rd party components that are available under different open-source licenses. Please refer to the documentation for more details on 3rd party licenses used in Qt.

GPLv3 and LGPLv3

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Далее

Отмена



Ярлыки меню "Пуск"

Выберите папку в меню «Пуск» для размещения ярлыков программы. Чтобы создать новую папку, введите её имя.

- Accessories
- Administrative Tools
- Git
- Maintenance
- MediaGet2
- Notepad++
- Python 3.5
- Qt
- Silicon Labs
- SopCast
- Startup
- Total Commander



Установка Qt



Всё готово к установке

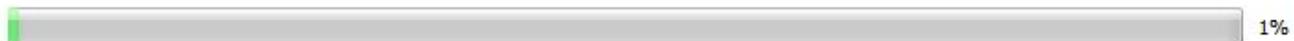
Программа установки готова начать установку Qt на ваш компьютер. Для установки потребуется 28.33 Гб дискового пространства.

Установить

Отмена



Установка Qt



Загрузка архива «5.0.qtbase-src.7z» для компонента «Essentials».

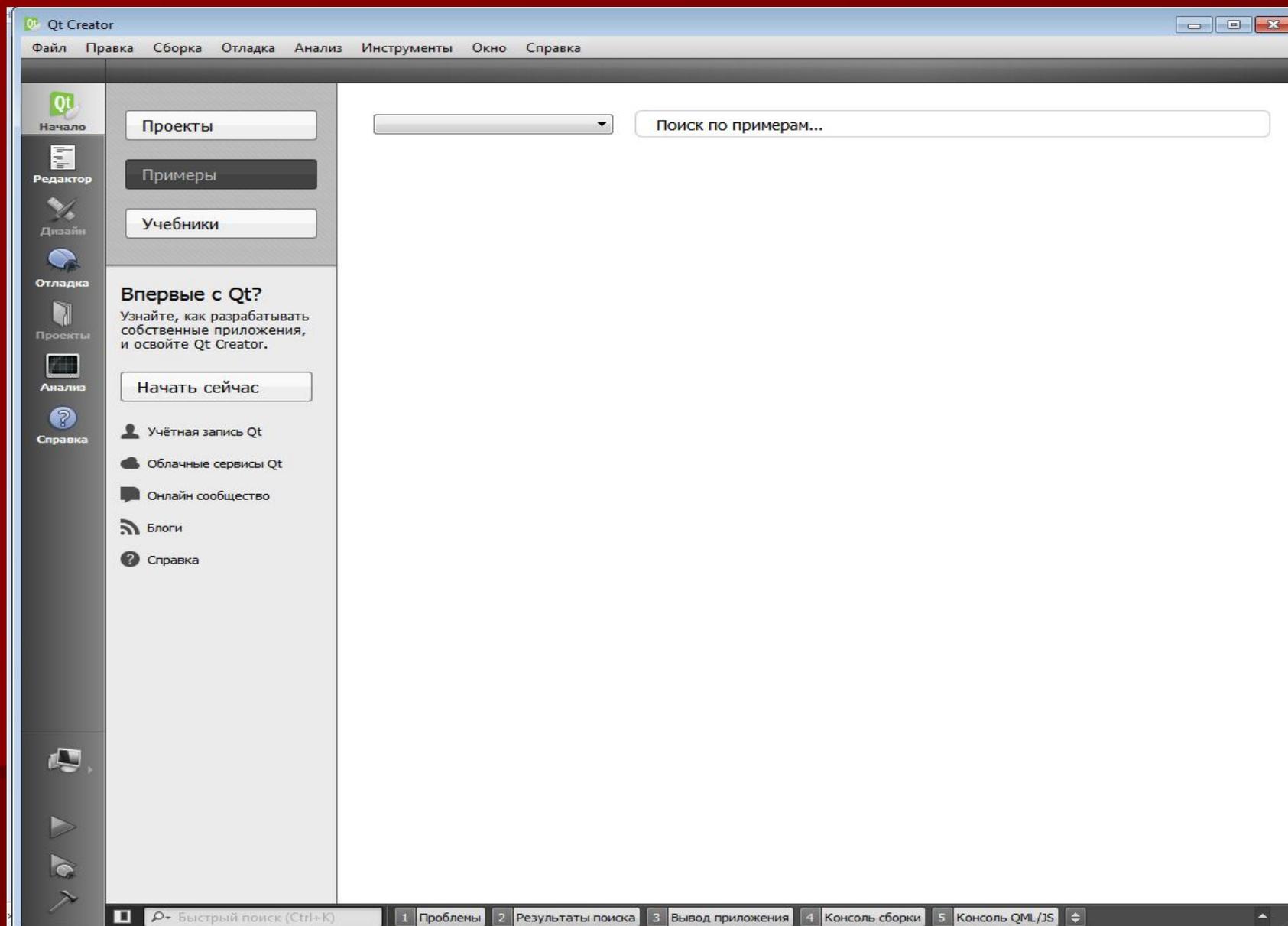
3.10 из 44.32 МБ (3.67 МБ/с) - осталось 11 секунд.

[Показать детали](#)

Установить

Отмена

После установки запускаем программу Qt Creator и проверяем, что все успешно установилось(Нажимаем кнопку «Примеры»)



Ищем пример «Hello tr() Example» и нажимаем на него

The screenshot shows the Qt Creator IDE interface. At the top, the title bar reads "Qt Creator" and the menu bar includes "Файл", "Правка", "Сборка", "Отладка", "Анализ", "Инструменты", "Окно", and "Справка".

On the left sidebar, there are several sections:

- Начало** (Start): Includes buttons for "Проекты" (Projects), "Примеры" (Examples), and "Учебники" (Tutorials).
- Впервые с Qt?** (Getting Started with Qt?): A section with a description: "Узнайте, как разрабатывать собственные приложения, и освоите Qt Creator." (Learn how to develop your own applications and master Qt Creator.)
- Начать сейчас** (Start Now): A button.
- Учётная запись Qt** (Qt Account)
- Облачные сервисы Qt** (Qt Cloud Services)
- Онлайн сообщество** (Online Community)
- Блоги** (Blogs)
- Справка** (Help)

The main workspace shows search results for the query "Hel". The search bar at the top contains "Qt 5.4.2 MinGW 32bit" and "Hel".

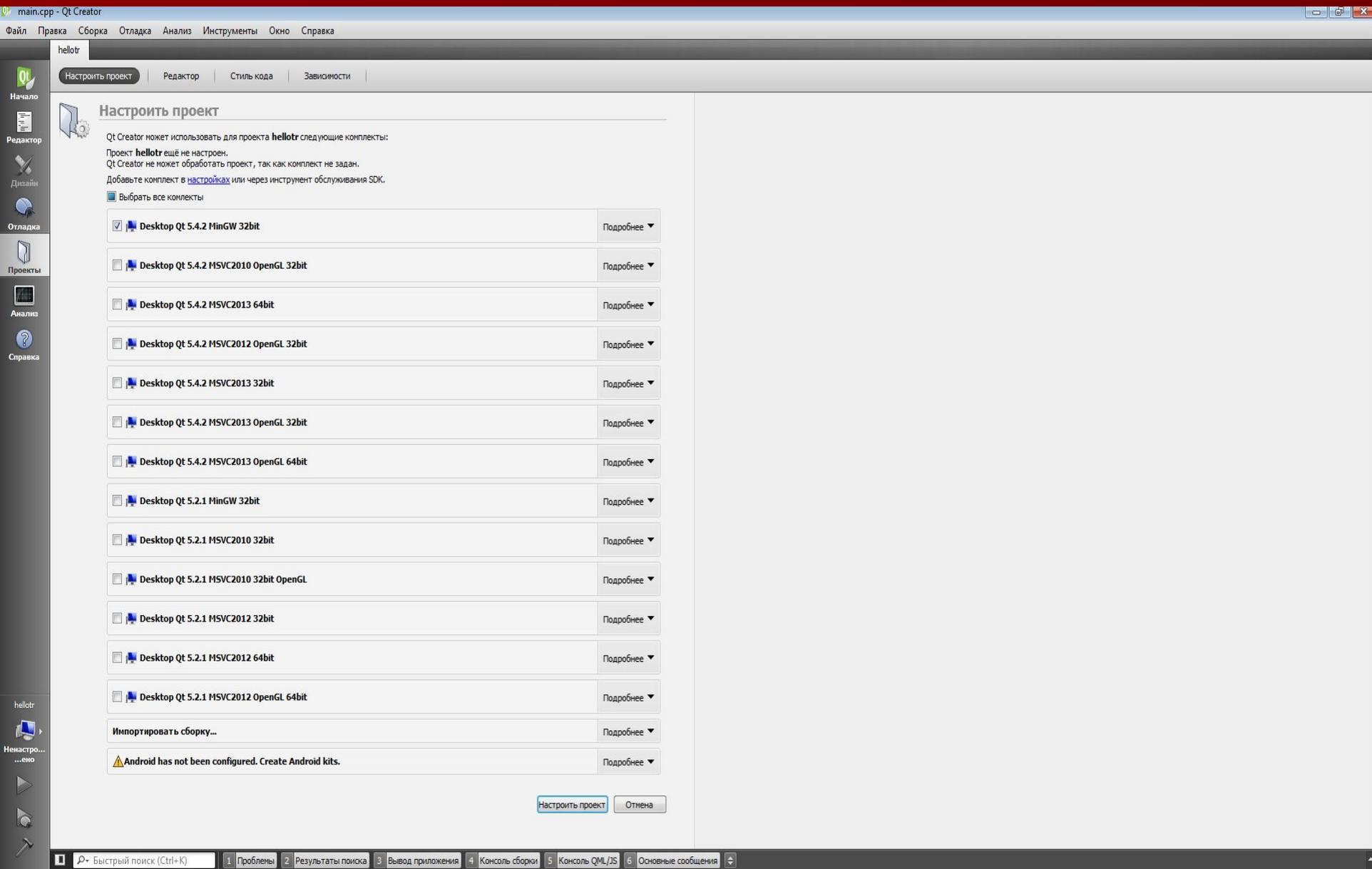
The search results are displayed as a grid of project cards:

- Context-Sensitive Hel...:** Features the Qt logo and the text "Code Sample". Tag: context-sensitive help.
- Hello GL2 Example:** Features a green Qt logo. Tag: gl2 open hello gl.
- Hello tr() Example:** Features the text "Hello tr() Example" and a description: "Translating a small Hello World program to Latin." Tag: linguist hello tr().
- Remote Control Example:** Features the Qt logo and the text "Code Sample". Tag: assistant remote control.
- Simple Text Viewer Example:** Features a screenshot of a text viewer application. Tag: simple assistant text viewer.

At the bottom of the window, there is a taskbar with the following items:

- Быстрый поиск (Ctrl+K)
- 1 Проблемы
- 2 Результаты поиска
- 3 Вывод приложения
- 4 Консоль сборки
- 5 Консоль QML/JS

В конфигурации оставляем только одну галочку с постфиксом MinGW (Ту которую выбрали при установке условно «Qt5.9.1» в примере Qt 5.4.2)



Проекты

- Начало
- Редактор
- Дизайн
- Отладка
- Проекты
- Анализ
- Справка

hellotr

- hellotr.pro
- Исходники
 - main.cpp

```

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33 ** THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
34 ** (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
35 ** OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."
36 **
37 ** $QT_END_LICENSE$
38 **
39 ...../
40
41 #include <QApplication>
42 #include <QPushButton>
43 //! [0]
44 #include <QTranslator>
45 //! [0]
46
47 //! [1] //! [2]
48 int main(int argc, char *argv[])
49 {
50     {
51         QApplication app(argc, argv);
52         //! [3]
53
54         //! [5]
55         QTranslator translator;
56         //! [5] //! [6]
57         translator.load("hellotr_la");
58         //! [6] //! [7]
59         app.installTranslator(&translator);
60         //! [4] //! [7]
61
62         //! [8]
63         QPushButton hello(QPushButton::tr("Hello world!"));
64         //! [8]
65         hello.resize(100, 30);
66
67         hello.show();
68         return app.exec();
69     }

```

hellotr

Отладка

Быстрый поиск (Ctrl+K) | Проблемы | Результаты поиска | Вывод приложения | Консоль сборки | Консоль QML/JS | Основные сообщения

Разбор C/C++ файлов

Нажимаем на кнопку Build «Молоток» в левом нижнем углу

The screenshot displays the Qt Creator IDE interface. The main window shows the source code for `main.cpp`. The code includes a BSD license header and the following C++ code:

```
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9  ** You may use this file under the terms of the BSD license as follows:
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33 ** THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
34 ** (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
35 ** OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE."
36 **
37 ** $QT_END_LICENSE$
38 **
39 *****
40
41 #include <QApplication>
42 #include <QPushButton>
43 //! [0]
44 #include <QTranslator>
45 //! [0]
46
47 //! [1] //! [2]
48 int main(int argc, char *argv[])
49 //! [1] //! [3] //! [4]
50 {
51     QApplication app(argc, argv);
52     //! [3]
53
54     //! [5]
55     QTranslator translator;
56     //! [5] //! [6]
57     translator.load("hellotr_la");
58     //! [6] //! [7]
59     app.installTranslator(&translator);
60     //! [4] //! [7]
61
62     //! [8]
63     QPushButton hello(QPushButton::tr("Hello world!"));
64     //! [8]
65     hello.resize(100, 30);
66
67     hello.show();
68     return app.exec();
69 }
```

The bottom status bar contains a toolbar with the following items:

- 1. Быстрый поиск (Ctrl+K)
- 2. Проблемы
- 3. Результаты поиска
- 4. Вывод приложения
- 5. Консоль сборки
- 6. Консоль QML/JS
- 7. Основные сообщения

A red arrow in the bottom left corner points to the Build button (a hammer icon).

Нажимаем на Run «Стрелка» в левом нижнем углу. И видим Запущенное приложения.

The screenshot shows the Qt Creator IDE interface. The main editor displays the source code for `main.cpp`, which includes a BSD license header and a simple Qt application structure. A small dialog box with the text "Hello world!" is overlaid on the code. At the bottom, the "Output" window shows the execution path and a warning message from Qt about geometry settings.

```
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34 ** (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF
35 ** OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
36 **
37 ** $QT_END_LICENSE$
38 **
39 *****
40
41 #include <QApplication>
42 #include <QPushButton>
43 //! [0]
44 #include <QTranslator>
45 //! [0]
46
47 //! [1] //! [2]
48 int main(int argc, char *argv[])
49 //! [1] //! [3] //! [4]
```

Output window content:

```
Запускается C:\programs\Qt\Examples\Qt-5.4\linguist\build-hellotr-Desktop_Qt_5_4_2_MinGW_32bit-Debug\debug\hellotr.exe...
setGeometryDp: Unable to set geometry 100x30+910+505 on QWidgetWindow/'QPushButtonClassWindow'. Resulting geometry: 116x30+910+505 (frame: 8, 30, 8, 8, custom margin: 0, 0, 0, 0, minimum
size: 0x0, maximum size: 16777215x16777215).
```

Конец