

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 URL <https://info.qt.io/download-qt-for-application-development>. The page features the Qt logo and two main content areas. The left area, 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. The right area, titled "'Free Speech' Overview - Open Source Licensing Obligations", lists requirements for using Qt under GPL or LGPL, including providing a relinking mechanism and license copy. At the bottom of the page, there is a green banner with the text "Ready to buy a commercial license?" and a "Buy Qt Now" button.

Qt

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- ✓ No need to provide a license copy or explicitly acknowledge Qt usage
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*Qt ships with third party open source components that might require respective licensing compliancy if used. See details of other licenses inside Qt.*

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# Download Qt Open Source

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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.

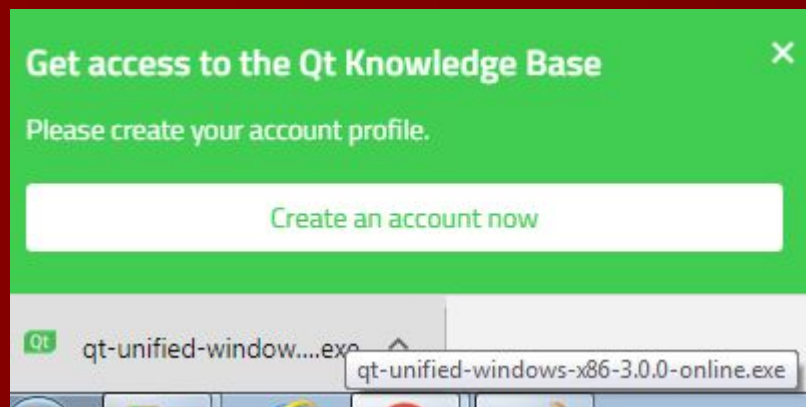
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Qt online installer is a small executable which downloads content over internet based on your selections. It provides all Qt 5.x binary & source packages and latest Qt Creator.

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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.

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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...



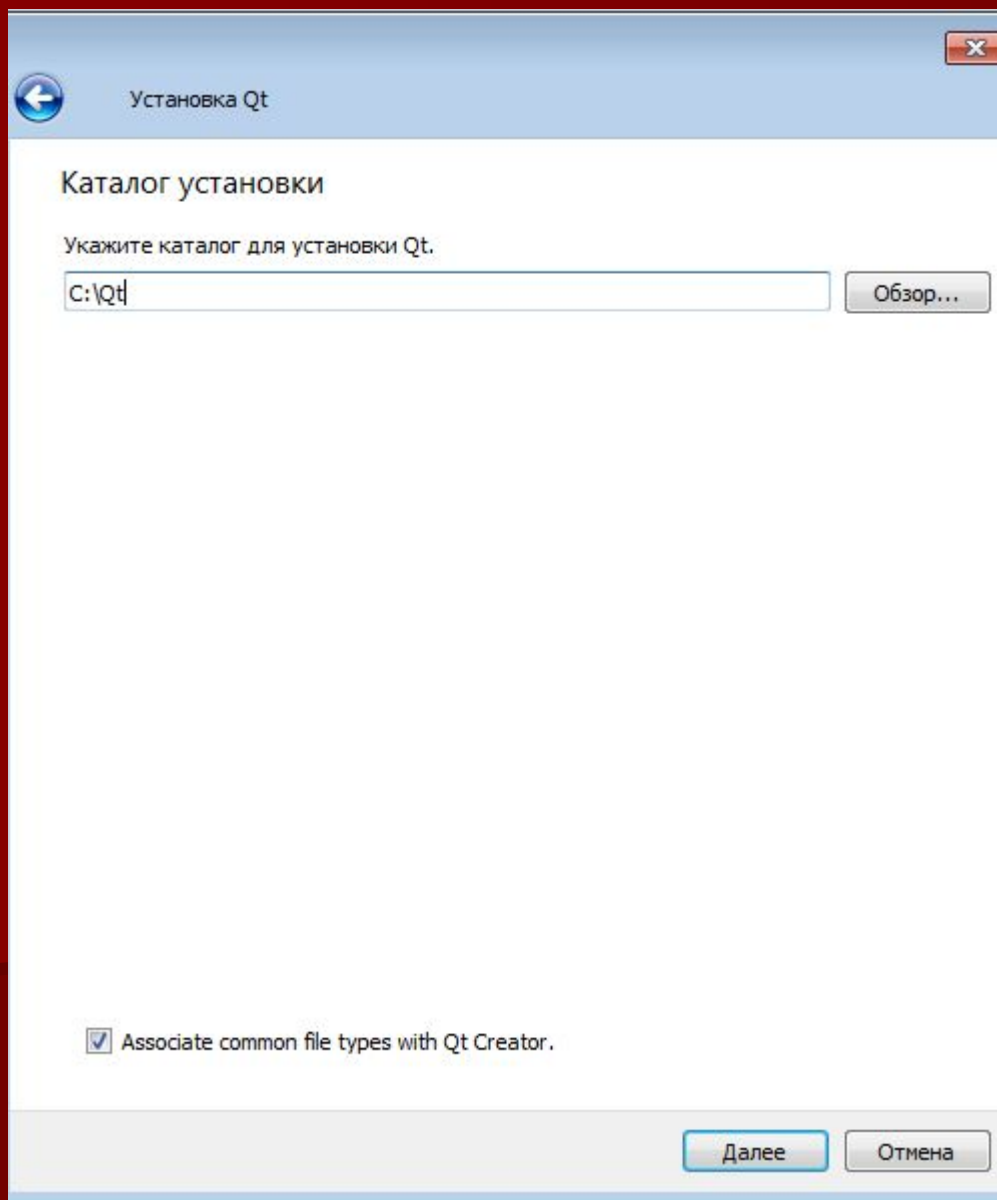
99%

Настройки

Далее

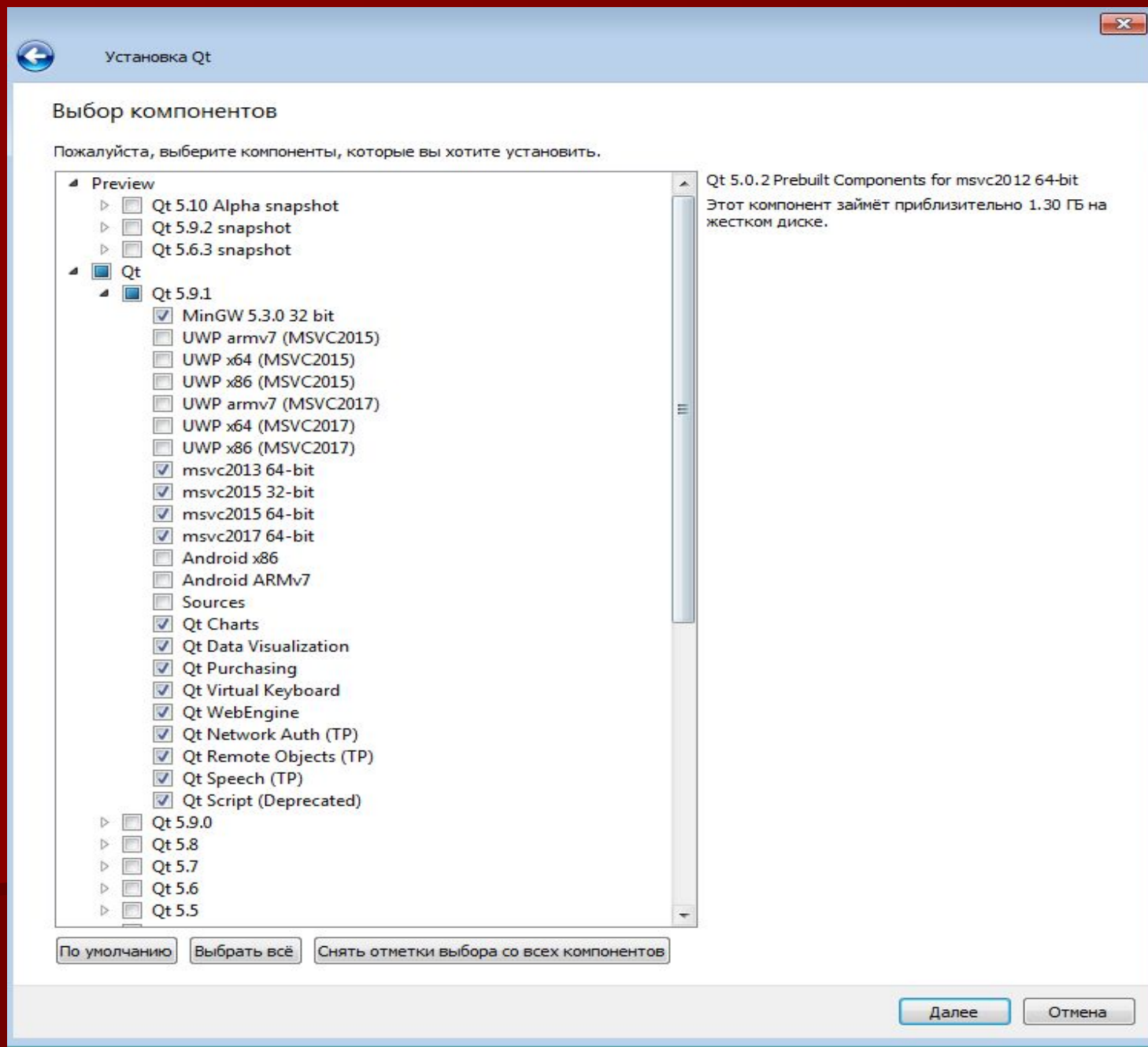
Выйти

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



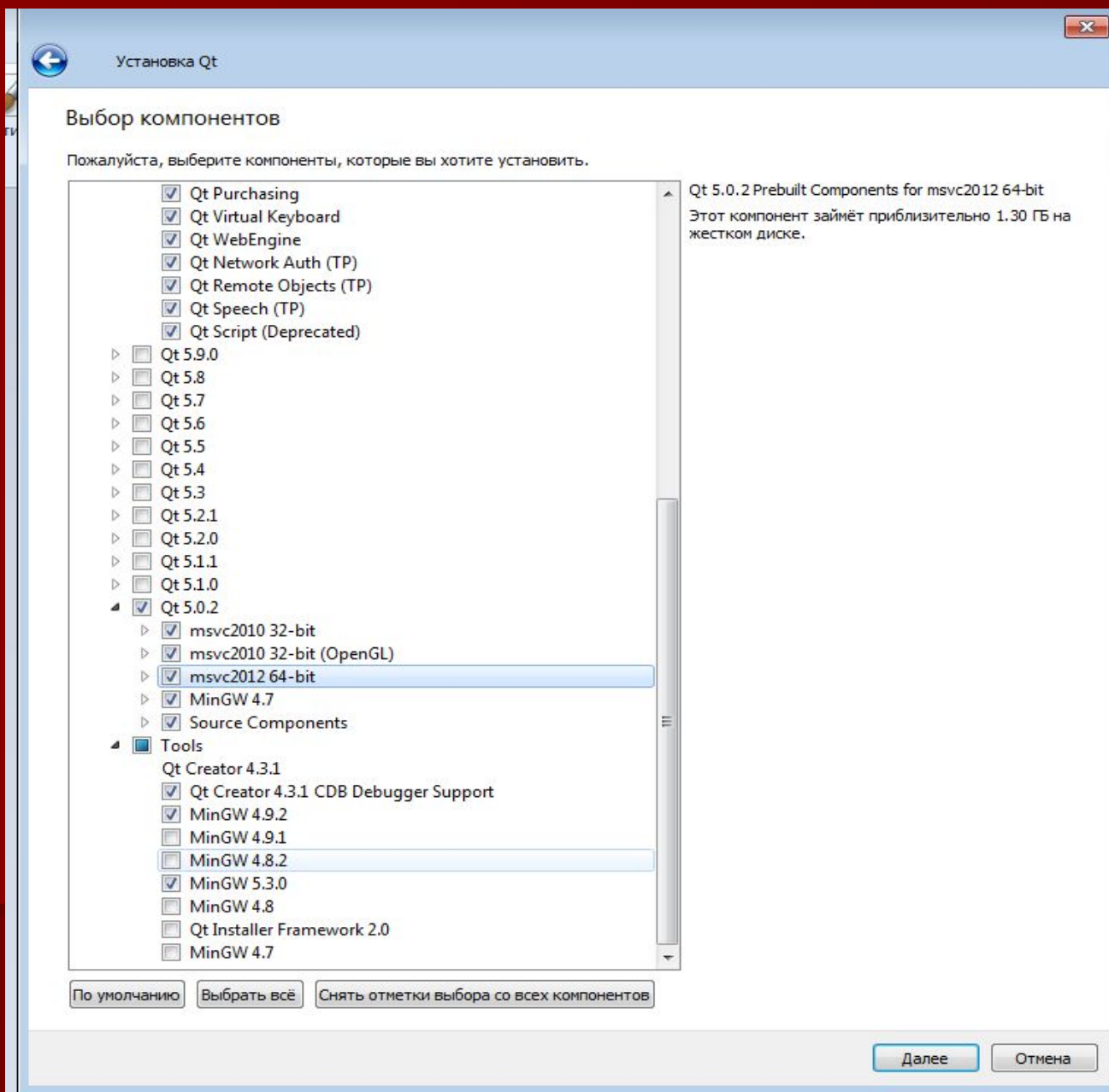


# Важно! Галочки должны быть именно такие. Для Qt5.9.1



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

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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

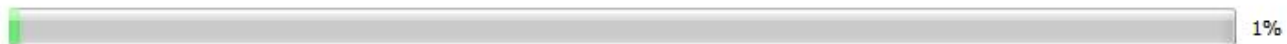
Программа установки готова начать установку Qt на ваш компьютер. Для установки потребуется 28.33 ГБ дискового пространства.

Установить

Отмена



## Установка Qt



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

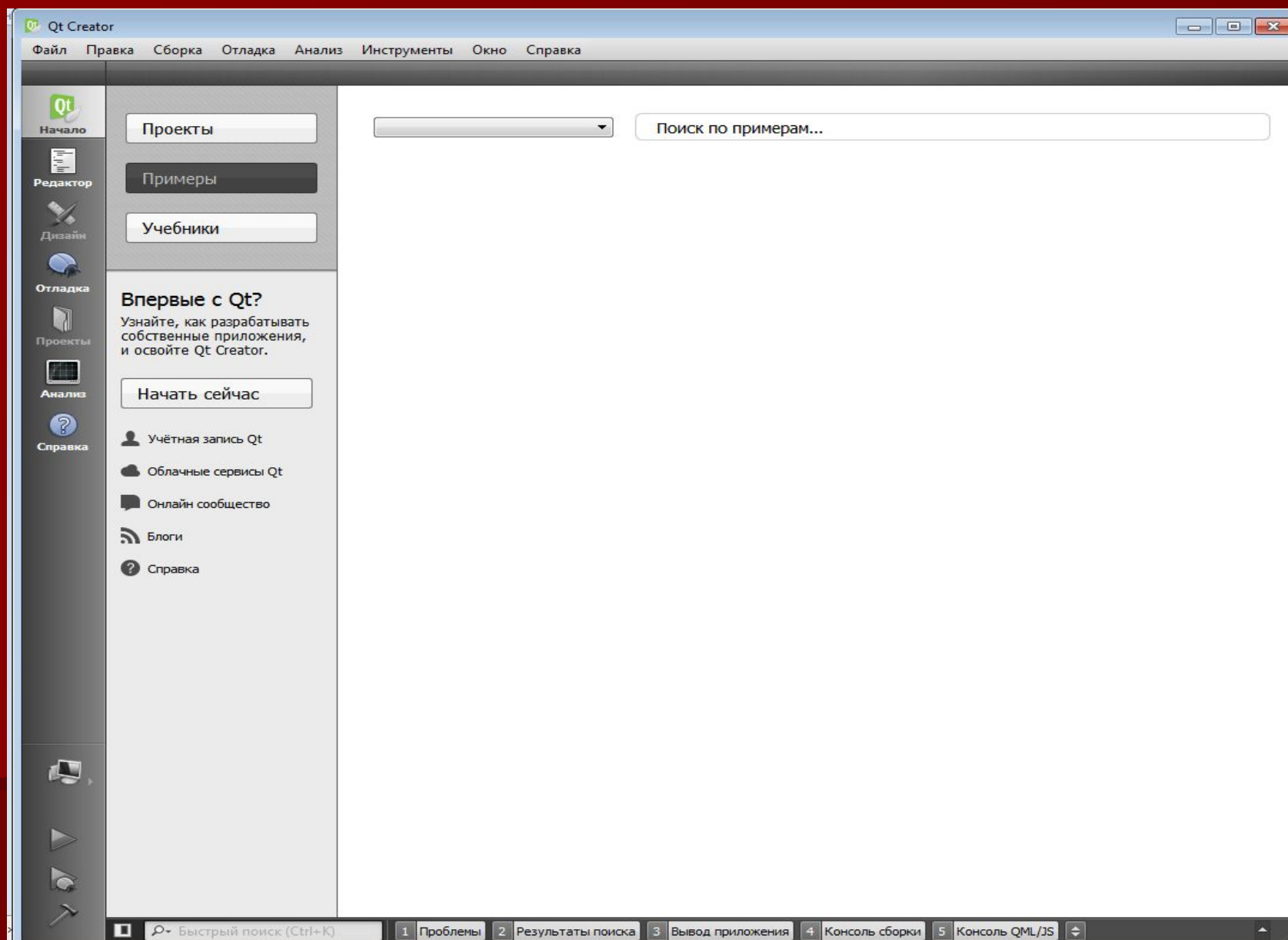
3.10 из 44.32 МБ (3.67 МБ/с) - осталось 11 секунд.

[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)
- Проекты** (Projects)
- Примеры** (Examples) - currently selected
- Учебники** (Tutorials)
- Впервые с Qt?** (Getting Started with Qt?) - with the text: "Узнайте, как разрабатывать собственные приложения, и освоите Qt Creator." (Learn how to develop your own applications and master Qt Creator.)
- Начать сейчас** (Start Now)
- 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...**: **Context-Sensitive Hel...**  
Теги: context-sensitive help
- Hello GL2 Example**: **Hello GL2 Example**  
Теги: gl2 open hello gl
- Hello tr() Example**: **Hello tr() Example**  
Translating a small Hello World program to Latin.  
Теги: linguist hello tr()
- Remote Control Example**: **Remote Control Example**  
Теги: assistant remote control
- Simple Text Viewer Example**: **Simple Text Viewer Example**  
Теги: simple assistant text viewer

At the bottom, the status bar shows a search bar with "Быстрый поиск (Ctrl+K)" and a list of tabs: "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)

The screenshot shows the 'Configure Project' dialog in Qt Creator for a project named 'helotr'. The dialog is titled 'Настроить проект' and contains the following text:

Qt Creator может использовать для проекта **helotr** следующие комплекты:  
Проект **helotr** ещё не настроен.  
Qt Creator не может обработать проект, так как комплект не задан.  
Добавьте комплект в [настройках](#) или через инструмент обслуживания SDK.

Выбрать все комплекты

<input checked="" type="checkbox"/> Desktop Qt 5.4.2 MinGW 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2010 OpenGL 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2013 64bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2012 OpenGL 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2013 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2013 OpenGL 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.4.2 MSVC2013 OpenGL 64bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MinGW 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MSVC2010 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MSVC2010 32bit OpenGL	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MSVC2012 32bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MSVC2012 64bit	Подробнее ▾
<input type="checkbox"/> Desktop Qt 5.2.1 MSVC2012 OpenGL 64bit	Подробнее ▾
Импортировать сборку...	Подробнее ▾
⚠ Android has not been configured. Create Android kits.	Подробнее ▾

Buttons:

Bottom status bar: Быстрый поиск (Ctrl+K) | 1 Проблемы | 2 Результаты поиска | 3 Вывод приложения | 4 Консоль сборки | 5 Консоль QML/JS | 6 Основные сообщения

hellotr

- hellotr.pro
- Исходники
  - main.cpp

Начало

Редактор

Дизайн

Отладка

Проекты

Анализ

Справка

```

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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)

1 Проблемы 2 Результаты поиска 3 Вывод приложения 4 Консоль сборки 5 Консоль QML/JS 6 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 C++ code for a simple application. A red arrow points to the Build button (a hammer icon) in the bottom-left corner of the IDE. The status bar at the bottom shows various toolbars and a taskbar with application icons.

```
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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 }
```

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

The screenshot displays the Qt Creator IDE interface. The main window shows the source code for a C++ application named 'hellotr'. The code includes a BSD license header and a main function that prints 'Hello world!'. A small dialog box with the text 'Hello world!' is visible over the code editor. The bottom panel shows the 'Output' window, which displays the execution path and a warning message: 'Warning: 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).

```
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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]
```

Вывод приложения

```
hellotr
Запускается C:\programs\Qt\Examples\Qt-5.4\linguist\build-hellotr-Desktop_Qt_5_4_2_MinGW_32bit-Debug\debug\hellotr.exe...
Warning: 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