

## Istruzioni per macchina virtuale:

**Link per scaricarla** (eventualmente se non va cliccare tasto destro e poi cliccare "Scarica link" o cambiare browser):

[http://webext.studenti.math.unipd.it/prog2\\_2019.ova](http://webext.studenti.math.unipd.it/prog2_2019.ova)

Dati utili: Qt 5.9.5 (se si vuole scaricare separatamente il kit si usa il link

<https://download.qt.io/archive/qt/5.9/5.9.5/>) e GCC 7.3.3 (selezionabile dopo nelle opzioni di Qt Creator).

Scaricare anche Qt Creator (disponibile sul sito di Qt previa registrazione)

Lasciare su **Installation Folder** la cartella "Qt"

All'interno di **Select components** si seleziona, nei menù a tendina a destra, la voce Qt, si scorre verso 5.9.5 (5.9.9 se non presente la 5) e si installa MinGW per C++ (versione indifferente, va bene anche l'ultima e, verso il basso, il modulo Qt Charts). Dare conferma due volte e lasciare che installi. Non selezionare altre cose che non sono utili, oltre a quelle dette.

Per una guida approfondita oltre alle cose essenziali (completa di screen):

<https://www.ics.com/blog/getting-started-qt-and-qt-creator-windows>

## Per usarla in Linux:

Non è presente il kit di QT (scaricarsi <https://download.qt.io/archive/qt/5.9/5.9.5/> il kit in exe e buttarci dentro QT Charts).

Per aggiungere il kit:

1. Esegui nel tuo terminale il comando: **sudo apt-get install qt5-default** per installare qt versione 5.
2. Verificare la **versione** di Qt e la **posizione** del **file qmake**. Fallo eseguendo nel tuo terminale il comando **qmake --version**. Potresti avere un risultato simile a questa riga. **QMake versione 3.1 Usando Qt versione 5.9.5 in /usr/lib/x86\_64-linux-gnu**. Ciò che è importante qui è la posizione **/usr/lib/x86\_64-linux-gnu**.
3. Apri Qt Creator
4. Vai su "Tools->Options"
5. Selezionare la combobox **Qt Versions** e selezionare e fare clic su "add"
6. Quindi trova il file qmake nella posizione del **passaggio 2**. Qui **/usr/lib/x86\_64-linux-gnu/qt5/bin/** qui hai il file qmake per qt5. Aprilo, fai clic su **Applica**.
7. Vai alla combobox "Kit". Selezionare Desktop (by default). Quindi scorrere verso il basso fino al pulsante per selezionare la versione di Qt da aggiungere

A questo punto, il modulo QT Charts non è presente.

Per aggiungerlo:

```
sudo apt install libqt5charts5-dev
```

A questo punto compila anche con il modulo Qt Charts.

# Installation and Setup on Windows and Linux

## Download Qt for Linux Open Source Version

Go to <https://www.qt.io/download-open-source/> and click on Download Now, make sure that you are downloading the Qt installer for Linux.

### Recommended

We detected your operating system as: Linux  
Recommended download: Qt Online Installer for Linux

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](#).

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A file with the name qt-unified-linux-x-online.run will be downloaded, then add exec permission

```
chmod +x qt-unified-linux-x-online.run
```

Remember to change 'x' for the actual version of the installer. Then run the installer

```
./qt-unified-linux-x-online.run
```

## Download Qt for Windows Open Source Version

Go to <https://www.qt.io/download-open-source/>. The following screenshot shows the download page on Windows:

### 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.

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What you should do now depends on which IDE you're going to use. If you're going to use Qt Creator, which is included in the installer program, just click on Download Now and run the executable.

If you're going to use Qt in Visual Studio, normally the Download Now button should also work. Make sure the file downloaded is called qt-opensource-windows-x86-msvc2015\_64-x.x.x.exe or qt-opensource-windows-x86-msvc2015\_32-x.x.x.exe (where x.x.x is the version of Qt, for example 5.7.0). If that's not the case, click on View All Downloads and select one of the first four options under Windows Host.

If you're going to use Qt in Code::Blocks, click on View All Downloads and select Qt x.x.x for Windows 32-bit (MinGW x.x.x, 1.2 GB) under Windows Host.

Once you've downloaded the appropriate installer file, run the executable and follow the instructions below. Note that you need to be an administrator to install Qt. If you're not an administrator, you can find several alternative solutions [here](#).

## Install Qt in any operative system

Once you've downloaded Qt and opened the installer program, the installation procedure is the same for all operative systems, although the screenshots might look a bit different. The screenshots provided here are from Linux.

Login with a existing Qt account or create a new one:

Qt Account - Your unified login to everything Qt

**Qt**

Please log in to Qt Account

Login

Email

Password

[Forgot password?](#)

Need a Qt Account?

Sign-up

Valid email address

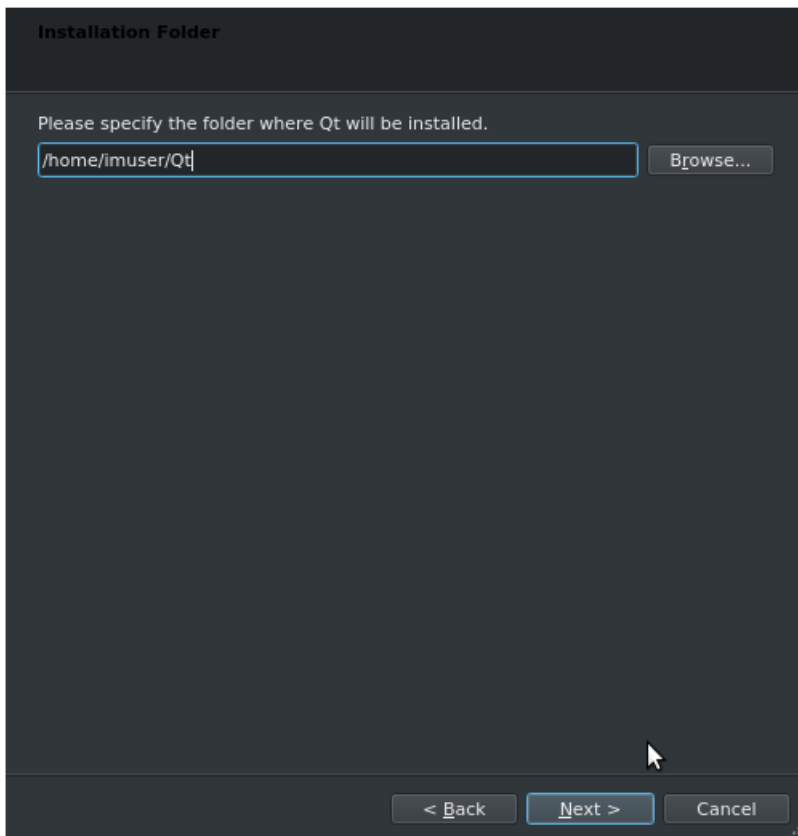
Password

Confirm Password

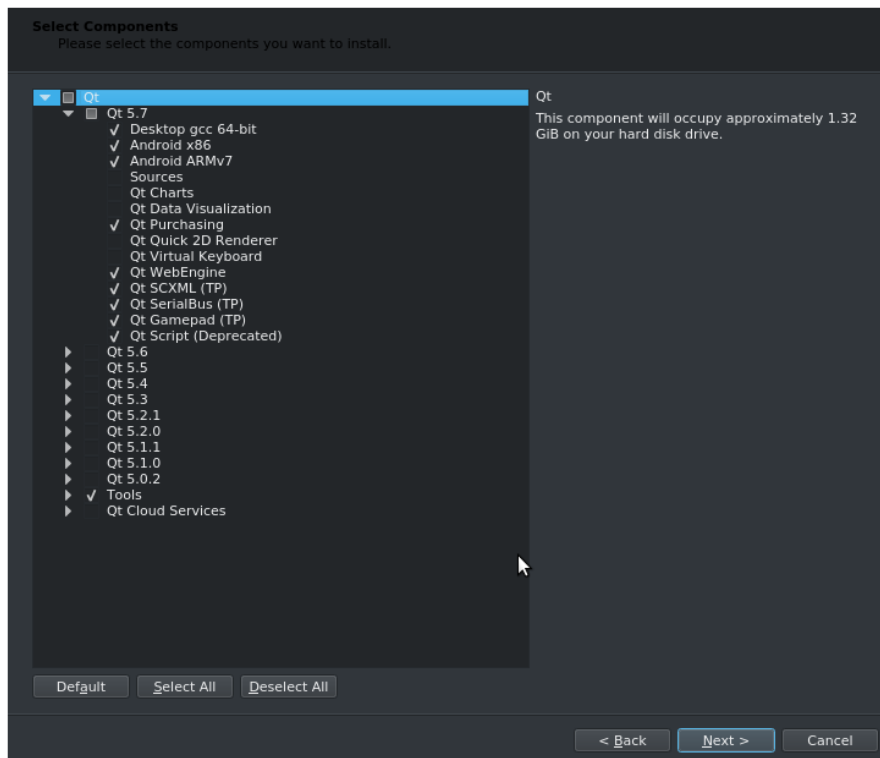
☐ I accept the [service terms](#).

[Settings](#) [< Back](#) [Skip](#) [Cancel](#)

Select a path to install the Qt libraries and tools



Select the library version and the features you want



After downloading and the installation is finished, go to the Qt installation directory and launch Qt Creator or run it directly from the command line.

