Qt Installation guide

A. Windows Installation (tested on windows 10 Education) - 64bit

A.1) Download and install Qt 5.8.0 for Windows 32-bit (MinGW 5.3.0, 1.2 GB), from offline Installers: https://www.qt.io/download-open-source/#section-2

- It's compatible with 64-bit also
- Select saving path, for example: C:\MyFrameworks\Qt5.8.0
- Minimum disk space: ~6 GB
- Choose which components to install as shown:

	×
← Qt 5.8.0 Setup	
Select Components	
Please select the components you want to install	
Ot	Qt 5.8.0
✓ Qt 5.8 ✓ MinGW 5.3.0 32 bit ✓ Sources ✓ Qt Charts ✓ Qt Data Visualization ✓ Qt Purchasing ✓ Qt Virtual Keyboard ✓ Qt Gamepad (TP) ✓ Qt Speech (TP) ✓ Qt Script (Deprecated) ✓ Tools Qt Creator 4.2.1 MinGW 5.3.0 Strawberry Perl 5.22.1.3	This component will occupy approximately 5.95 GiB on your hard disk drive.
	Next Cancel

A.2) Setup Qt as follows:

- Open Qt, and Go too Tools->Options->Build and Run->General Tab and do the following (press Apply before closing):

800	Ð	🤶 💼 🖂 💷 🐠 Λάρ 16 12:02 🕉
Q	Filter	Build & Run
	Environment	General Kits Qt Versions Compilers Debuggers CMake
	Text Editor	Projects Directory
\mathbf{O}	FakeVim	○ Current directory
· 🌍 i	Help	Directory [/home/pkaddas Browse
Ot	C++	Build and Run
	Beautifier	✓ Save all files before build ✓ Clear old application output on a new run
	Qt Quick	Always build project before deploying it Image stderr and stdout
$\overline{\bigcirc}$	05 Build & Bun	Always deploy project before running it Word-wrap application output
	Debugger	Open Compile Output pane when building Limit application output to 999999 📮 lines
	M Designer	Open Application Output pane on output when debugging
	Analyzer	✓ Always ask before stopping applications
	To-Do	Stop applications before building: None
▶_	Version Control	Default build directory: /%{CurrentBuild:Name} Reset
	Android	
	⇒anx ONX	
	Devices	
1	Code Pasting	
	> Obs	
	OA Test Settings	
	Bare Metal	
:	- bare netar	
-		Apply Cancel OK

- Tools->Options->Build and Run->Kits Tab and select the auto detected kit (press Apply before closing):

😳 Options			×
Filter	Build & Run		
Environment	General Kits (t Versions Compilers Debuggers CMake	
Text Editor	Name 🗸 Auto-detected		Add
🌃 FakeVim	Desktop	Qt 5.8.0 MinGW 32bit (default)	Clone
Help	Manual		Remove Make Default
{} c++			Male Derdale
🗸 Qt Quick	Name:	Desktop Qt %{Qt:Version} MinGW 32bit	"
🕕 Build & Run	File system name: Device type:	Deskton 🗸	
ᇞ Debugger	Device:	Local PC (default for Desktop)	Manage
💥 Designer	Sysroot:		Browse
Analyzer	Compiler:	C: MinGW 5.3.0 32bit for C C++: MinGW 5.3.0 32bit for C++	Manage
	Environment:	No changes to apply.	Change
Cade Pasting	Debugger:	GNU gdb 7.10.1 for MinGW 5.3.0 32bit 👻	Manage
Code Pasting	Qt version:	Qt 5.8.0 MinGW 32bit 👻	Manage
Vbs	Qt mkspec:		
	(Make Tool)	Suctam (Make at CADrogram Filer (VR6))(Make)bin/cmake eve	Manage
		ОК Са	ncel Apply

A.3) To Start a new GUI application:

- Go to File->New File or Project->Qt Widgets Application and select the default Kit

- Go to the left column in "Projects" section and **CHECK** "Shadow Build" for Release, Debug and Profile options:

ai 🖬 🤊	Car VINitled - Paint				++ - o ×
Paste Clipboar	dome View Cut La Crop Select Resize d Imsge Tools	100	Color Stapes S		^ •
💷 mainwin	dow.cpp - Qt Creator				+ - 6 ×^
File Edit	Build Debug Analyze Tools Window He	lp			
Victoria	Marsup 122 Inset Eating Bulk Active Project Suid & Run Decking of 38.0 MinGw 2201 Decking State Analysis Case Syste Case	~	Build Setting: Let uid universe in the intervention in the intervention interventintervention i	Deals • Deals • Deals • Deals •	
untRied					
4 840, 248p	< 1월 66 × 76px 1월 192	0 × 1200px			100% -
) 🗊 📄 🗐 🔄	QL 1	M (1)		へ 😳 🖓 do) ENG 10:16 AM 🔜

- To run your App:
 - 1) choose Release mode in the left column,
 - 2) clean all if you want to clean your previous build files
 - 3) run qmake first every time you change your .pro file (Build->Run qmake)
 - 4) Build your App
 - 5) Run your App

Compared to locate (Ctrl+K) 1 Issues 2

B) Linux Installation (tested on Ubuntu 16.04)

1) Follow the instructions described in: <u>https://wiki.qt.io/Install_Qt_5_on_Ubuntu</u>

2) Choose carefully the appropriate Qt version