

Hello,

I am getting back to you about the second project from the User Interfaces course.

The task is almost the same. You are asked to create two interfaces (just GUIs without any functionality behind) in Qt and C++. The ids of your two individual assignments are here [1]. One window must be done in the Qt Designer (in WYSIWYG manner) and the other one must be programmed directly in the Qt/C++.

The templates are the same as in the previous case and you can find them here [2].

The installation procedure of the Qt is described here [3] on slides 69-76.

If you are new to Qt Designer, I suggest you read the introductory Qt Designer manual [4]. The most relevant parts are Getting to Know Qt Designer [5] and A Quick Start to Qt Designer [6]. Although there are many other useful resources, these three references should be sufficient for you to start.

Here, I would like to point out one important remark about using the Qt Designer. You should ensure that you have put every widget into a layout. In other words, the layout should control the position of every widget (that is similar to pack and grid in the Tk). You can easily check it in the Object Inspector window - you should not see any broken layout icon next to the containers (see slide 79 in [3] for further reference).

Regarding the Qt/C++, I have prepared a few examples to make it easier for you to start [8]. I will update this file based on your requests from time to time.

The deadline for submitting the second project is April 21. Before you submit the project, please, clean up the project directories according to slides 77-78 in [3] and remove all unnecessary files.

If you get stuck on something, don't hesitate to send me an email.

Best regards,

Tomas Fabian

[1] [http://mrl.cs.vsb.cz/people/fabian/uro/p2\\_assignments.txt](http://mrl.cs.vsb.cz/people/fabian/uro/p2_assignments.txt)

[2] [http://mrl.cs.vsb.cz/people/fabian/uro/p1\\_assignments.zip](http://mrl.cs.vsb.cz/people/fabian/uro/p1_assignments.zip)

[3] <http://mrl.cs.vsb.cz/people/fabian/uro/uro.pdf>

[4] <https://doc.qt.io/qt-5/qt designer-manual.html>

[5] <https://doc.qt.io/qt-5/designer-to-know.html>

[6] <https://doc.qt.io/qt-5/designer-quick-start.html>

[7] <https://doc.qt.io/qt-5/designer-layouts.html>

[8] [http://mrl.cs.vsb.cz/people/fabian/uro/p2\\_hints.zip](http://mrl.cs.vsb.cz/people/fabian/uro/p2_hints.zip)