

Abstract

QT is a cross-platform programming framework for C++. With QT programmers can build program that run on Windows, Unix, an Mac OS X from single source without any modification. One interesting thing about QT is that the program developed with QT will have native look and feel. QT include a large number of libraries for variety of needs. The range and quality of the library can be directly compared to Java. Unfortunately there is no IDE that designed specifically for QT yet. Without an IDE, programmers, especially that come from Windows background, will have hard time to develop QT program. In my final assignment, I develop a Visual IDE to help programmers to develop QT program. Visual IDE is developed using VCL framework from Borland. Just like any other IDE, this Visual IDE include basic functions for editing the source code, designing GUI, and do compilation process automatically I have to admit that this Visual IDE still have several weakness, but part from all the weakness, the Visual IDE can already be used to develop a QT program. I have proved it on the test that the Visual IDE has been successfully used to develop a simple database program using SQLite3 library.

Keywords : *visual IDE, QT, cross-platform, compiler, debugger, SSH*