

Using eric6 to make GUI:

1. Project/New Project...
2. Fill out: Project Name, Progr. Language, Project Type, Project Directory, Main script.
All else seem like extra -> Must choose a GUI library that is properly installed in order to compile code. Success with PyQt4 and PySide.
3. Hit OK
4. In eric Project-Viewer -> Sources Tab -> Right click -> New Package...
Name folder 'ui'
5. In eric Project-Viewer -> Forms Tab -> Right click -> New Form...
Select desired 'template' to use (typically Main Window), save as a recognizable name in the ui folder.
Qt Designer should open, alternatively, double clicking on newly created form in the forms tab should open it.
6. Once GUI created – save and close Qt Designer.
7. In eric: Project-Viewer -> Forms Tab -> Right click on created ui -> Compile form
Dialog box should popup saying form compilation complete.
8. In eric: Project-Viewer -> Forms Tab -> Right click on created ui -> Generate Dialog Code...
Click the New... Button, then OK -> This will dictate where file is saved to.
Select all signals you wish to trigger code from, hit OK
9. In eric: Create new script (ctrl+N) and paste:
(assuming **mainwindow** was used to name the ui file and a py file)

If using PyQt4:

```
from PyQt4 import QtGui
from ui.mainwindow import MainWindow

if __name__ == "__main__":
    import sys
    app = QtGui.QApplication(sys.argv)
    ui = MainWindow()
    ui.show()
    sys.exit(app.exec_())
```

If using PySide:

```
from PySide import QtGui
from ui.mainwindow import MainWindow

if __name__ == "__main__":
    import sys
    app = QtGui.QApplication(sys.argv)
    ui = MainWindow()
    ui.show()
    sys.exit(app.exec_())
```

10. Save above file as the same one given when asked for Main Script name during project configuration.
11. Press F2 to run script – created GUI should launch.