

 kim hanwoong 내용 추가함.

da84d30 3 days ago

0 contributors

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# 뉴크에서 Pyside2 사용하기

뉴크에서 GUI를 만드는 방법은 여러가지가 있습니다. 그중 PySide2를 활용하는 방법을 알아보겠습니다.

간단하게 Hello World 띄우기

```
from PySide2 import QtWidgets
label = QtWidgets.QLabel("hello World")
label.show()
```

레이아웃을 만들어서 라벨 넣기

```
from PySide2.QtWidgets import *

w = QWidget()
lb = QLabel()
lb.setText("Hello World")
layout = QHBoxLayout()
layout.addWidget(lb)
w.setLayout(layout)
w.show()
```

QHBoxLayout 레이아웃 실습

```
from PySide2.QtWidgets import *

window = QWidget()
button1 = QPushButton("One")
button2 = QPushButton("Two")
button3 = QPushButton("Three")
button4 = QPushButton("Four")
button5 = QPushButton("Five")

layout = QHBoxLayout()
layout.addWidget(button1)
layout.addWidget(button2)
layout.addWidget(button3)
layout.addWidget(button4)
layout.addWidget(button5)

window.setLayout(layout)
window.show()
```

QGridLayout 레이아웃 실습

```
from PySide2.QtWidgets import *

window = QWidget()
button1 = QPushButton("One")
button2 = QPushButton("Two")
```

```
button3 = QPushButton("Three")
button4 = QPushButton("Four")
button5 = QPushButton("Five")

layout = QGridLayout()

layout.addWidget(button1, 0, 0)
layout.addWidget(button2, 0, 1)
layout.addWidget(button3, 1, 0, 1, 2)
layout.addWidget(button4, 2, 0)
layout.addWidget(button5, 2, 1)

window.setLayout(layout)
window.show()
```