(GUI)

CONSOLE $\longrightarrow$ SEQUENTIAL

GUI $\longrightarrow$ EVENT DRIVEN
|
EVENT LOOP

TODO: write code that handle events
|
Qt

SIGNAL / SLOT

SEC 8.7 QTestLib

test class ⟶ QObject

signals and slots

QTest namespace

IN THE *.pro

CONFIG += qtestlib

QTEST_MAIN();

DEFAULT COMPARE / VERIFY FAIL
                                    ↓
USES SIGNALS/SLOTS   Qt Test Framework STOPS
YOU HAVE TO ADD   → WHERE IS THE
private slot: ERROR
    void test()

SEC 9.3 Dialogs   User interaction with
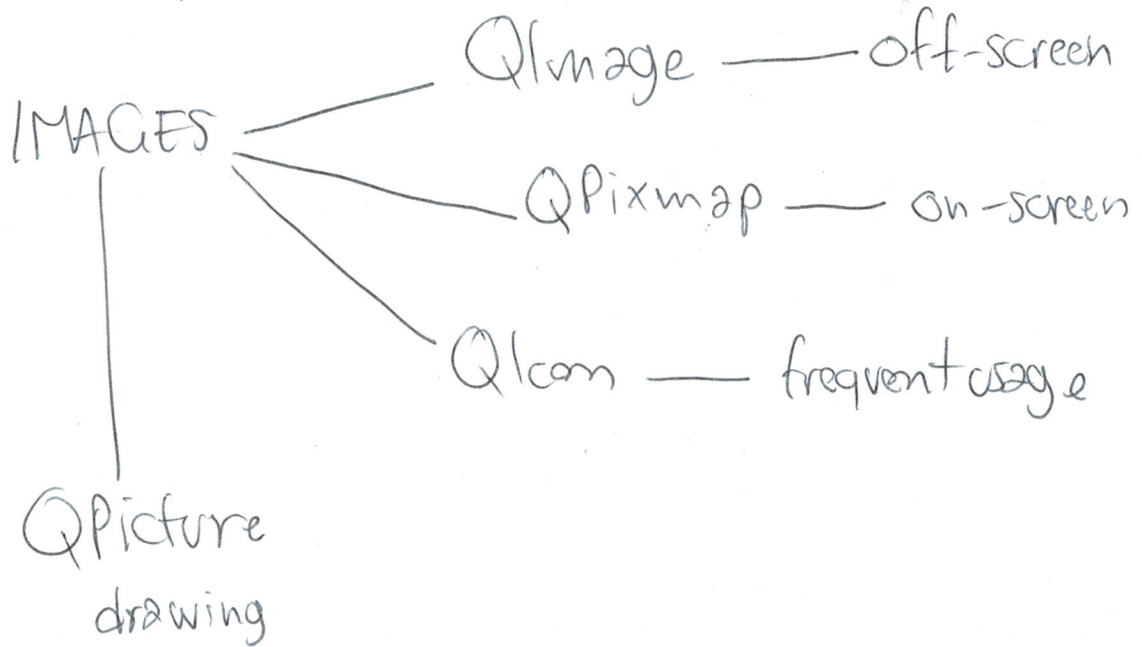   Dialogs

modal   non modal

SEC 9.4

QLayout ← QVBox Layout

QLayout ← QH Box Layout

QForm Layout

QForm Layout

QVBox Layout
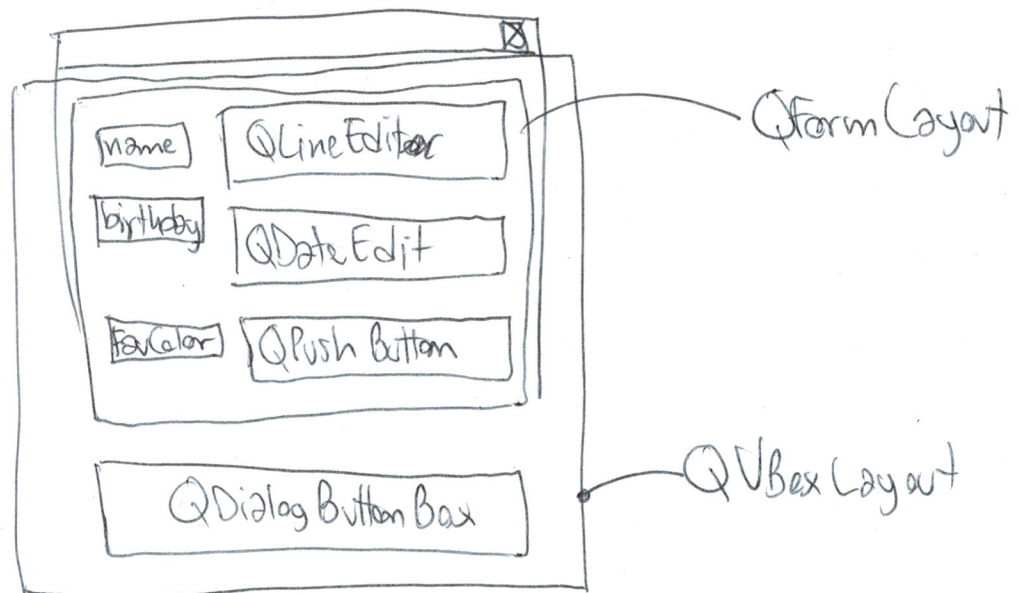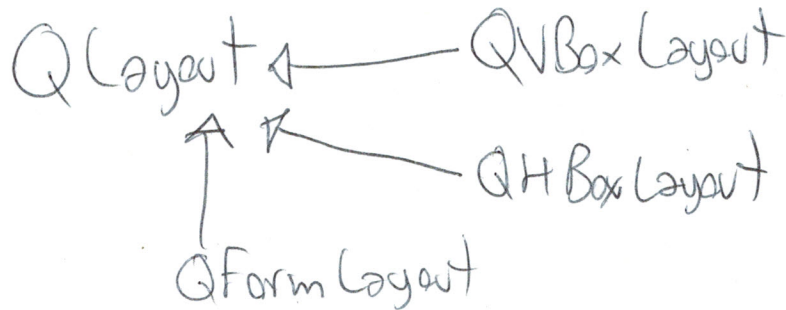
→ addLayout()   to add layout to layout
→ addWidget()

SEC 9.5

ADDING RESOURCES IN YOUR BINARY
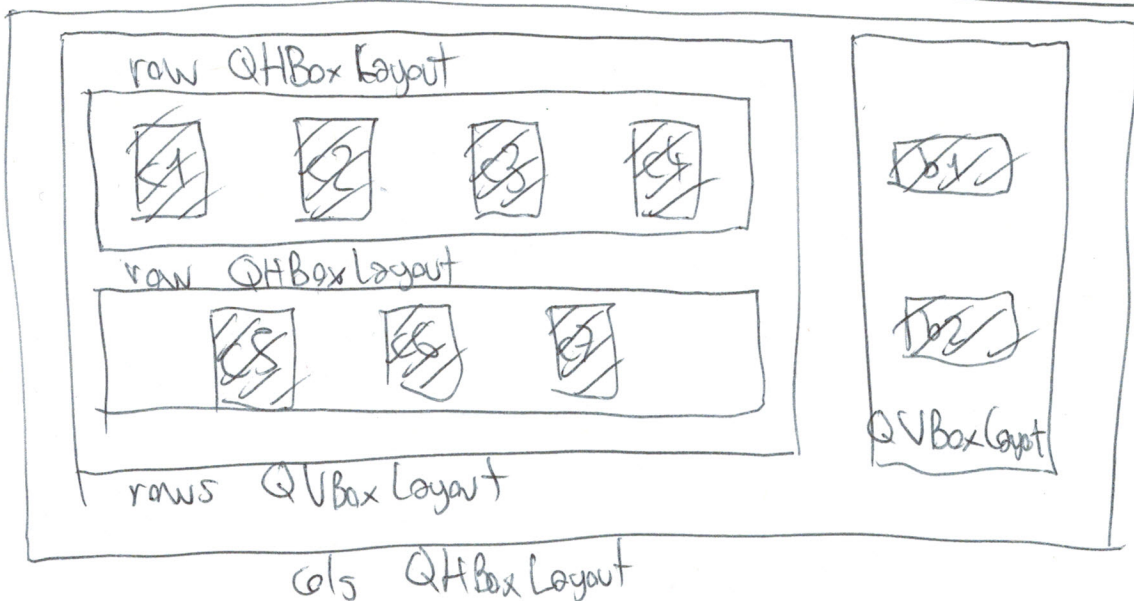   (EXECUTABLE)

SEC 9.5 (CONT)

IMAGES
- QImage —— off-screen
- QPixmap —— on-screen
- QIcon —— frequent usage
- QPicture — drawing

SEC 9.6

Q Grid Layout

QStacked Layout —— VISUALIZE THE TOP ONE

LAYOUT ARE NOT LAYOUT

row QHBox Layout

| 1 | 2 | 3 | 4 |

row QHBox Layout

| 5 | 6 | 6 |

rows QVBox Layout

cols QHBox Layout

| 1 |

| 2 |

QVBox Layout

SEC 9.6.2

sizePolicy

/ \

V   H

sizeHint