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Platform	S60 3rd Edition FP1, S60 3rd Edition FP2, S60 5th Edition	Tested on devices	S60 Emulator
Category	Qt for S60	Subcategory	Application

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QGraphicsProxyWidget, QGraphicsScene, QGraphicsView, QLineEdit, QLabel

Introduction

The QGraphicsProxyWidget class provides a proxy layer for embedding a QWidget in a QGraphicsScene. QGraphicsProxyWidget embeds QWidget-based widgets, for example, a QPushButton, QFontComboBox, or even QFileDialog, into QGraphicsScene. It forwards events between the two objects and translates between QWidget's integer-based geometry and QGraphicsWidget's qreal-based geometry.

QGraphicsProxyWidget takes care of automatically embedding popup children of embedded widgets through creating a child proxy for each popup.

Preconditions

- Download and Install latest version [Qt for Symbian - Installation packages](#) which has links on how to install the latest version

Source Code

Main.cpp

```
#include "proxywidget.h"

#include <QtGui>
#include <QApplication>
#include<QGroupBox>
#include<QFormLayout>
```

How_to_use_QGraphicsProxyWidget

```
#include<QLabel>
#include<QLineEdit>
#include<QGraphicsScene>
#include<QGraphicsProxyWidget>
#include<QGraphicsView>
#include<QPushButton>
#include<QComboBox>
int main(int argc, char *argv[])
{
    QApplication a(argc, argv);
    QGroupBox *groupBox = new QGroupBox("Contact Details",this);
    QLabel *numberLabel = new QLabel("Telephone number",this);
    QLineEdit *numberEdit = new QLineEdit(this);
    QPushButton *but=new QPushButton("Helloooo",this);
    QFormLayout *layout = new QFormLayout;
    QComboBox *box=new QComboBox(this);
    box->addItem("Nokia");
    box->addItem("Qt for S60");
    box->addItem("Widget");
    box->addItem("N96");
    box->addItem("London");
    box->addItem("Finland");
    box->addItem("NewYork");
    box->addItem("Symbian");
    box->addItem("Paris");
    box->addItem("Budapest");
    layout->addRow(numberLabel, numberEdit);
    layout->addRow(but);
    layout->addRow(box);
    groupBox->setLayout(layout);

    QGraphicsScene scene;
    QGraphicsProxyWidget *proxy = scene.addWidget(groupBox);
    QGraphicsView view(&scene);
    view.show();
    return a.exec();
}
```

ScreenShot

Before Clicking The ComboBox

Note the changes in the scrollBar of the widget

More about [QGraphicProxyWidget](#)

