

ID	...	Creation date	17 June 2009
Platform	S60 3rd Edition FP1, S60 3rd Edition FP2, S60 5th Edition	Tested on devices	S60 Emulator
Category	Qt for S60	Subcategory	Application

Keywords (APIs, classes, methods, functions): QListWidget

Overview

This is a simple application showing the shifting of the item from one list to another. After pressing the pushbutton it is checked for any selection of item, if no item is selected then a message box appears showing the message to select one item.

Item with current selected row is removed from first list and moved to other list as well as the moved item is deleted from the first list.

Preconditions

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

Example

Note: Please select item before moving.

How to delete item from current row

```
int a=ui->list2->currentRow();
delete ui->list2->takeItem(a);
```

Source code

Header.h

```

#include <QtGui/QWidget>
#include<QListView>
#include<QPushButton>
#include<QString>
#include<QMessageBox>
#include<QFocusEvent>

namespace Ui
{
    class lisClass;
}

class lis : public QWidget
{
    Q_OBJECT

public:
    lis(QWidget *parent = 0);
    ~lis();

private:
    Ui::lisClass *ui;

private slots:

    void on_but2_clicked();
    void on_but1_clicked();
};

#endif // LIS_H

```

CPP File

```

#include "lis.h"
#include "ui_lis.h"

lis::lis(QWidget *parent)
    : QWidget(parent), ui(new Ui::lisClass)
{
    ui->setupUi(this);
    ui->list1->addItem("Nokia N97");
    ui->list1->addItem("Nokia N96");
    ui->list1->addItem("Nokia N95");
    ui->list1->addItem("Nokia 6630");
    ui->list2->addItem("Symbian");
    ui->list2->addItem("QT for S60");
    ui->list2->addItem("WRT");
    ui->list2->addItem("Python");
}

lis::~~lis()
{
    delete ui;
}

```

Item_shifting_in_QlistWidget

```
void lis::on_but1_clicked()
{
    if(ui->list1->currentItem()==0)
    {
        *msg=new QMessageBox();
        ->setText("Please select one item");
        *button=new QPushButton();
        ->addButton("ok",QMessageBox::AcceptRole);
        ->show();    msg
        ->but1->setFocus();
    }
    else
    {
        str = ui->list1->currentItem()->text();
        int a=ui->list1->currentRow();
        delete ui->list1->takeItem(a);
        ->list2->addItem(str);
        ->but1->setFocus();
    }
}

void lis::on_but2_clicked()
{
    if(ui->list2->currentItem()==0)
    {
        QMessageBox *msg=new QMessageBox();
        msg->setText("Please select one item");
        QPushButton *button=new QPushButton();
        msg->addButton("ok",QMessageBox::AcceptRole);
        msg->show();
    }
    else
    {
        QString str= ui->list2->currentItem()->text();
        ui->list1->addItem(str);
        int a=ui->list2->currentRow();
        delete ui->list2->takeItem(a);
    }
}
```

Screenshot

apps.ui





