Archived:Getting image from list in Qt

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Qt Quick should be used for all UI development on mobile devices. The approach described in this article (based on QWidget) is deprecated.

This code examples shows how to create an image viewing widget. On clicking the items in list we can view the full size image. Image icon are set in the list widget and the same path for the image icon is used for getting the image from that specific directory.

Names of classes used are:

- QListWidget - Provides an item-based list widget
- QPixmap - off-screen image representation that can be used as a paint device.

Source Code

```
#include "database.h"
#include "ui_database.h"

database::database(QWidget *parent)
    : QWidget(parent)
{
   list=new QListWidget(this);
   list->setIconSize(QSize(30,30));

   lbl=new QLabel(this);
   lbl->setMinimumSize(240, 160);
   item1=new QListWidgetItem(QIcon("D://Blue hills.PNG"),"BlueHills",list,this);
   item2=new QListWidgetItem(QIcon("D://Sunset.PNG"),"Sunset",list,this);
   item3=new QListWidgetItem(QIcon("D://Water lilies.PNG"),"Water lilies",list,this);

connect(list,SIGNAL(itemClicked(QListWidgetItem*)),this,SLOT(myitem(QListWidgetItem*)));
   llb=new QLabel("Image will be displayed here");
   llb->setAlignment(Qt::AlignCenter);
   lay=new QGridLayout(this);
   lay->addWidget(list,0,0);
   lay->addWidget(llb,0,1);
   lay->addWidget(lbl,0,1);
   setLayout(lay);
   showMaximized();
   setStyleSheet("* { background-color:rgb(199,147,88); padding: 7px ;
color:rgb(255,255,255)}");
}

database::~database()
{

}
void database::myitem(QListWidgetItem *my)
{

    QPixmap pix;
    llb->hide();
    QIcon ico;
```


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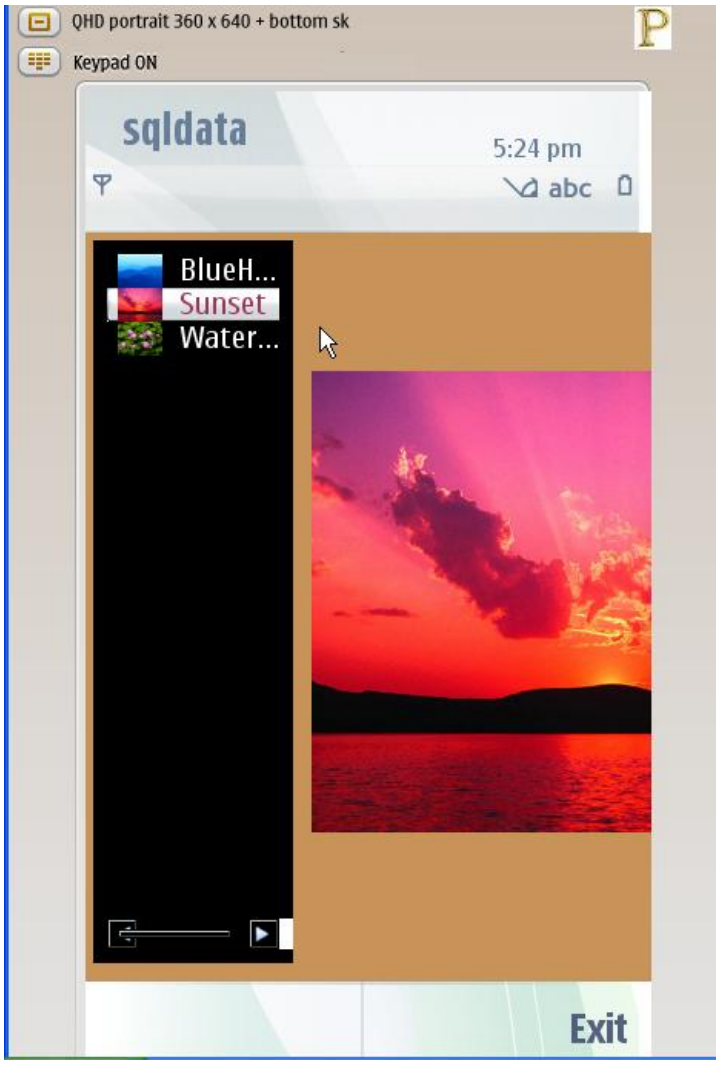
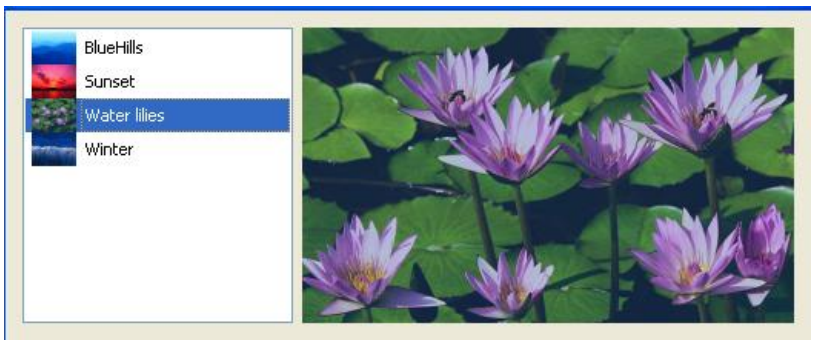
```
    ico=my->icon();
    pix=ico.pixmap(QSize(400,400),QIcon::Selected,QIcon::On);
    lbl->setPixmap(pix.scaled(pix.size(),Qt::KeepAspectRatio,Qt::SmoothTransformation));


}
```

Emulator Screenshot



Creator IDE look



Example

- Download an example project from here: File:Screen.zip

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