Porting iPhone Web Apps to Qt using QtWebKit

Overview

This Wiki Article shows how to port iPhone Web Apps to Qt using QtWebkit

Install the Nokia Qt SDK

Install Nokia Qt SDK if you don't already have it from here.

Main Class

```
#include <QtGui/QApplication>
#include "webapp.h"

int main(int argc, char *argv[])
{
    QApplication a(argc, argv);
    WebApp w;

    w.showFullScreen();

    return a.exec();
}
```

Header

```
#ifndef WEBAPP_H
#define WEBAPP_H
#include <QtCore/QPointer>
#include <QtWebKit/QWebView>
#include <QtWebKit/QWebPage>
#include <QtWebKit/QWebFrame>
#include <QtGui/QWidget>
#include <QtGui/QApplication>
#include <QtGui/QMainWindow>
#include <QtGui/QFrame>
#include <QtGui/QVBoxLayout>
class WebApp : public QMainWindow
{
    Q_OBJECT
public:
    WebApp(QWidget *parent = 0);
    ~WebApp();
private:
    QPointer<QWebView> _webView;
    QPointer<QVBoxLayout> _layout;
    void SetupApp();
};
#endif // WEBAPP_H
```


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Source

```
#include "webapp.h"
WebApp::WebApp(QWidget *parent)
    : QMainWindow(parent)
{
      SetupApp();
}
WebApp::~WebApp()
{
}
void WebApp::SetupApp()
{
    /**
      * Create the central widget
      * and set it.
      */
    QFrame* cW = new QFrame(this);
    setCentralWidget(cW);
    /**
      * Set the layout to central widget.
      */
    _layout = new QVBoxLayout(this);
    cW->setLayout(_layout);
    _layout->setMargin(0);
    _layout->setSpacing(0);
    /**
      * Let's create the web view which
      * will be used to display our page.
      */
    _webView = new QWebView(this);

    // Add your iPhone Web App URL to display in Qt App
    _webView->load(QUrl("http://URL"));
    _webView->show();
    /** Add it to layout */
    _layout->addWidget(_webView);
}
```

Postcondition

Here is one ported iPhone web app screen snap.

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Source Code

You can download source code from this link File:WebApp.zip

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