# 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
```

## 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);
```


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```
    // 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.

## Source Code

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


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