Archived:Lock application orientation in Qt for Symbian

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The example illustrated here uses the avkon libraries and was recommended until Qt 4.7.1. From Qt 4.7.1 you can instead use the instructions in Archived:Lock application orientation in Qt.

Overview

This example shows how to lock the application orientation.

Preconditions

- Qt is installed on your platform.
  - Download Qt release from here: [1]

Qt project file

You must add the `cone.lib`, `eikcore.lib`, and `avkon.lib` Symbian libraries into the Qt build for orientation handling.

```
symbian: {
    // Define UID3 for the Symbian app.
    // Qt 4.6 beta release force to define that.
    TARGET.UID3 = 0xSOMEUID
    // cone.lib, eikcore.lib and avkon.lib Symbian libraries
    LIBS += -lcone -leikcore -lavkon
}
```

Source

Here is an example of a Qt application `main.cpp` source file where the application orientation is locked into landscape.

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

// Needed Symbian specific headers
#ifdef Q_OS_SYMBIAN
#include <eikenv.h>
#include <eikappui.h>
#include <aknenv.h>
#include <aknappui.h>
#endif

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

    SomeMainWindow w;
```


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```
    // Symbian specific code
    #ifdef Q_OS_SYMBIAN
    CAknAppUi* appUi = dynamic_cast<CAknAppUi*> (CEikonEnv::Static()->AppUi());
    TRAPD(error,
    if (appUi) {
        // Lock application orientation into landscape
        appUi->SetOrientationL(CAknAppUi::EAppUiOrientationLandscape);
    }
    );
    #endif

    w.showFullScreen();
    return a.exec();
}
```

Postconditions

The application orientation is landscape, and it does not change even if the device orientation is changed by the user.

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