



ID	...	Creation date	June 9, 2009
Platform	S60 3rd Edition, FP1, FP2 S60 5th Edition	Tested on devices	Nokia 5800 XpressMusic
Category	Qt for Symbian	Subcategory	UI

Keywords (APIs, classes, methods, functions): QDesktopWidget::availableGeometry(), QDesktopWidget::screenGeometry()

Overview

This code snippets shows how to get screen coordinates/screen size in application. The API QDesktopWidget::screenGeometry() returns the application rect (screen size of device) and API QDesktopWidget::availableGeometry() returns client rect (screen size minus status pane). It is useful in UI applications that do not use layout managers by implementing QWidget::resizeEvent().

This snippet can be self-signed. As it does not use any API which require developer/symbian signed certificate.

Preconditions

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

Source

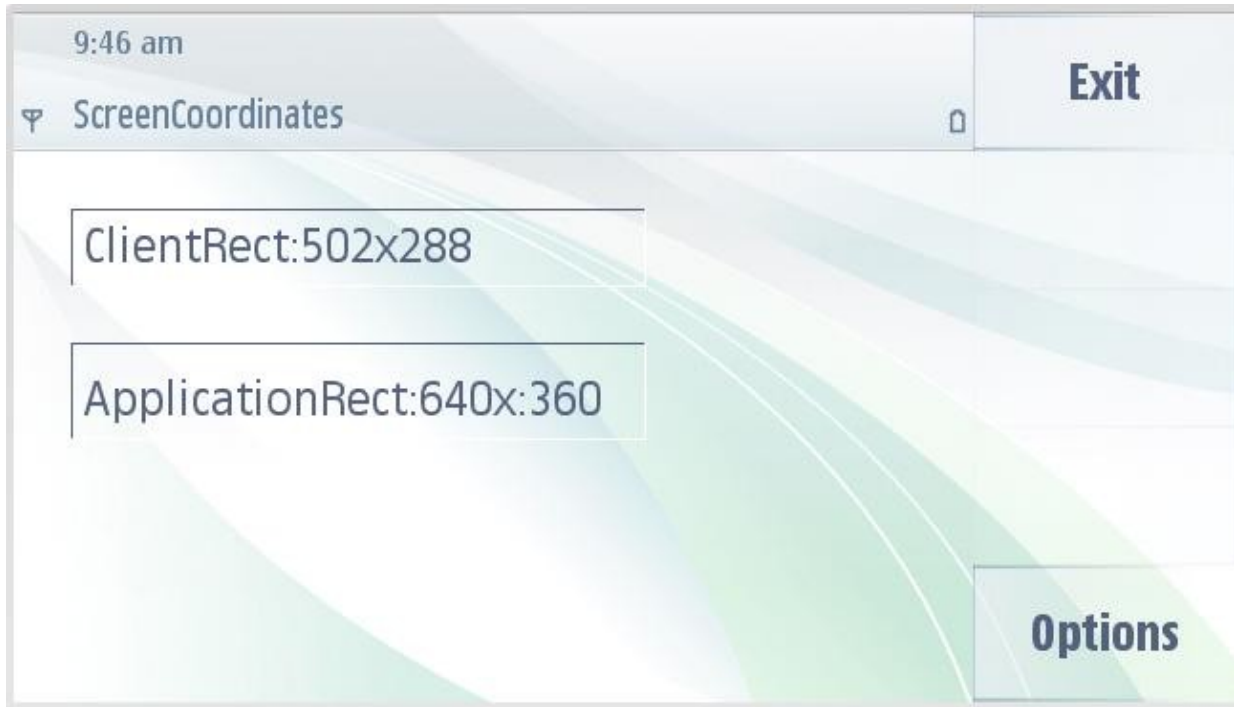
```
QDesktopWidget* desktopWidget = QApplication::desktop();
//get client rect.
QRect clientRect = desktopWidget->availableGeometry();

//get application rect.
QRect applicationRect = desktopWidget->screenGeometry();
```

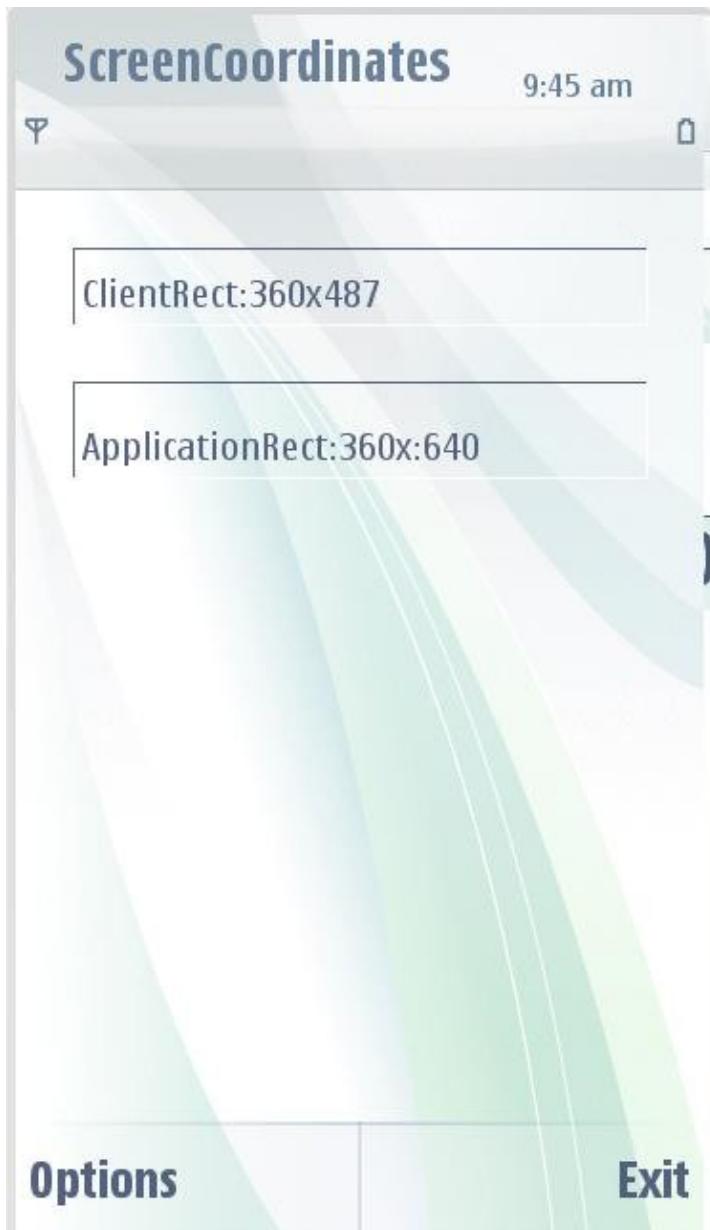
Postconditions

You will get application rect.

Screen Coordinates for 640x360



Screen Coordinates for 360x640



Code Example

- The [Code Example](#) shows screen coordinates on screen and example is tested on Nokia 5800 XpressMusic.