

ID	...	Creation date	June 16, 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): QSysInfo::s60Version (), QSysInfo::symbianVersion ()

Reviewer Approved



Overview

This code snippets shows how to get system information programmatically in Qt. The QSysInfo class provides information about the system. The QSysInfo has two static method, s60Version() and symbianVersion(), which gives information about system. Then method s60Version () returns the version of the S60 SDK system on which the application is run. The method symbianVersion () returns the version of the Symbian operating system on which the application is run.

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

Preconditions

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

Headers required

```
#include <QSysInfo>
```

Source

```
void SystemInfo::GetSystemInfo()
{
    //Get S60 version and display it on label
    switch (QSysInfo::s60Version ())
    {
    case QSysInfo::SV_S60_3_1:
    {
        label->setText("S60 version: S60 3.1");
    }
    break;
    case QSysInfo::SV_S60_3_2:
    {
        label->setText("S60 version: S60 3.2");
    }
    }
}
```

Get_System_Info_programmatically_in_Qt

```
}
break;
case QSysInfo::SV_S60_5_0:
{
    label->setText("S60 version: S60 5.0");
}
break;
case QSysInfo::SV_S60_Unknown:
{
    label->setText("S60 version: S60 Unknown");
}
break;
default:
break;
}

//Get OS version and display it on label
switch (QSysInfo::symbianVersion ())
{
case QSysInfo::QSysInfo::SV_9_2:
{
    label_2->setText("Symbian OS version: 9.2");
}
break;
case QSysInfo::SV_9_3:
{
    label_2->setText("Symbian OS version: 9.3");
}
break;
case QSysInfo::SV_9_4:
{
    label_2->setText("Symbian OS version: 9.4");
}
break;
case QSysInfo::SV_Unknown:
{
    label_2->setText("Symbian OS version: Unknown");
}
break;
default:
break;
}
}
```

S60 version defined in Qt

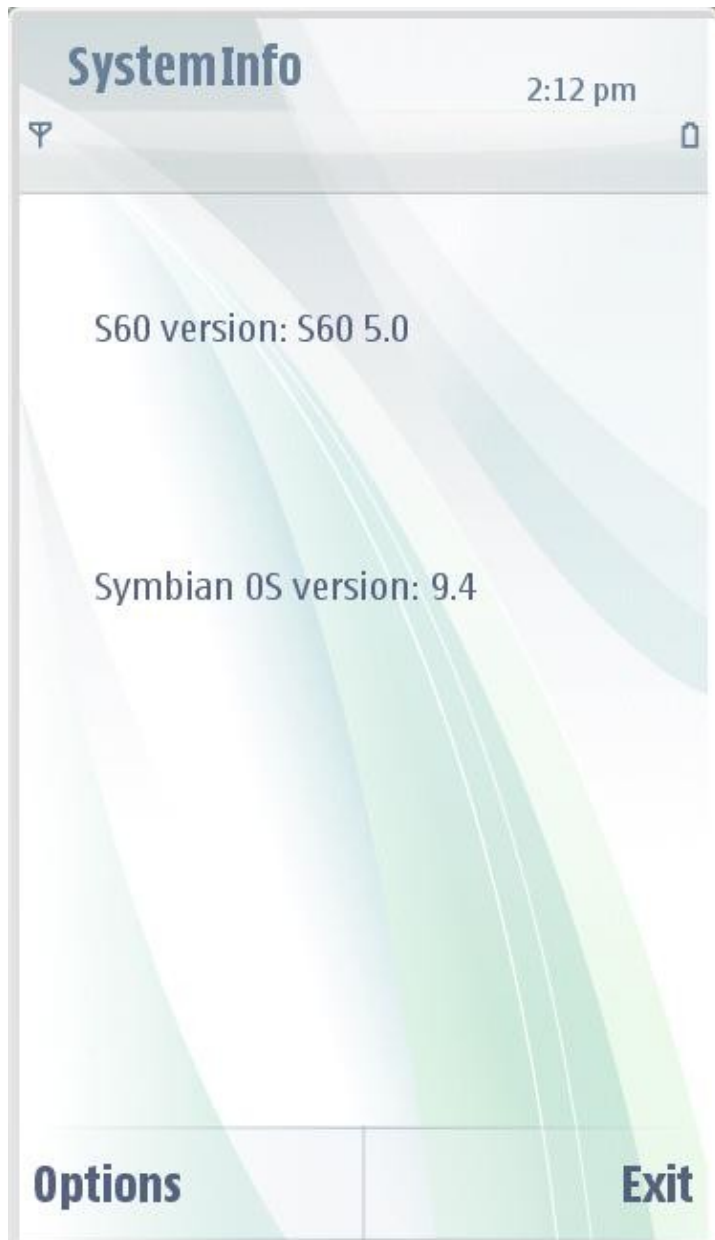
Constant	Description
QSysInfo::SV_S60_3_1	S60 3rd Edition Feature Pack 1
QSysInfo::SV_S60_3_2	S60 3rd Edition Feature Pack 2
QSysInfo::SV_S60_5_0	S60 5th Edition
QSysInfo::SV_S60_Unknown	An unknown and currently unsupported platform

Symbian OS version defined in Qt

Constant	Description
QSysInfo::SV_9_2	Symbian OS 9.2
QSysInfo::SV_9_3	Symbian OS 9.3
QSysInfo::SV_9_4	Symbian OS 9.4
QSysInfo::SV_Unknown	An unknown and currently unsupported platform

Postconditions

The code snippet is expected to show S60 version and Symbian OS version on screen.



External Links

- [QSysInfo: QSysInfo reference](#)

Code Example

- The [Code Example](#) will show S60 version and Symbian OS version of device and is tested on Nokia 5800 XpressMusic.