Get System Info programmatically in Qt

This code example shows how to get system information programmatically in Qt using QSysInfo.

Overview

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.

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:
   {
   ui.label->setText("S60 version: S60 3.1");
   }
  break;
  case QSysInfo::SV_S60_3_2:
   {
   ui.label->setText("S60 version: S60 3.2");
   }
  break;
  case QSysInfo::SV_S60_5_0:
   {
   ui.label->setText("S60 version: S60 5.0");
   }
  break;
  case QSysInfo::SV_S60_Unknown:
   {
   ui.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:
   {
   ui.label_2->setText("Symbian OS version: 9.2");
   }
  break;
  case QSysInfo::SV_9_3:
   {
   ui.label_2->setText("Symbian OS version: 9.3");
   }
  break;
  case QSysInfo::SV_9_4:
   {
   ui.label_2->setText("Symbian OS version: 9.4");
   }
  break;
  case QSysInfo::SV_Unknown:
   {
   ui.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

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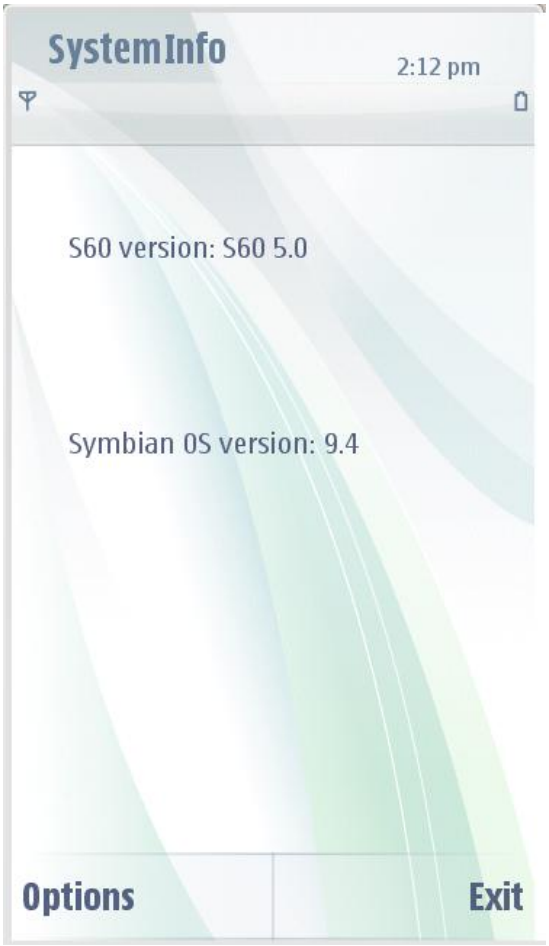
Postconditions

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



External Links

- QSysInfo: QSysInfo reference

Code Example

- File:QtSystemInfo.zip shows S60 version and Symbian OS version of device and is tested on Nokia 5800 XpressMusic.

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