

Get list of installed applications and its UID in Qt

Deprecated: This code snippets shows how to list the names and UIDs of installed applications on device using the Qt Mobile Extension XQInstaller.



Tip: This article and associated mobile extensions has not been superseded in Qt Mobility 1.0.

Headers required

```
#include <XQInstaller>
```

.pro file

```
symbian:LIBS += -lswinstcli \  
    -lcommdb \  
    -lapparc \  
    -lefsrv \  
    -lapgrfx  
symbian:TARGET.CAPABILITY += TrustedUI
```

Source

```
void GetInstalledApps::GetApps()  
{  
    XQInstaller* m_installer = new XQInstaller(this);  
  
    /* Get List of applications.  
     * type of m_applications is QMap<QString, uint>.  
     */  
    m_applications = m_installer->applications();  
  
    /* Get List of application names  
     *type of m_appNames is QList<QString>  
     */  
    m_appNames = m_applications.keys();  
  
    /* Get List of application UID in decimal.  
     *type of m_appUID is QList<uint>  
     */  
    m_appUID = m_applications.values();  
  
    ui.listWidget->clear();  
    for (int i = 0; i < m_appNames.count(); i++)  
    {  
        QString str;  
        /* convert UID from decimal to hex and then string. */  
        str.setNum(m_appUID.at(i),16);  
        /* append name and UID to string */  
        QString string(m_appNames.at(i)+" UID:"+ str);  
        /* append string to list widget to display on screen */  
        ui.listWidget->addItem(string);  
    }  
}
```

```
/* Let's make the UI scale so that we can scroll it. */
QScrollArea* scrollArea = new QScrollArea;
scrollArea->setWidget(ui.listWidget);
scrollArea->setWidgetResizable(true);

/* setCentralWidget() takes ownership of scrollArea and deletes it at the
appropriate time. so no need to delete scrollArea */
setCentralWidget(scrollArea);
}
```

Postconditions

The code snippet is expected to show a list of all installed applications with its UID.



Code Example

- The [Code Example](#) will show a list of all installed application with UID. The application is tested on Nokia 5800 XpressMusic.

Related Links

- [Silent installation/uninstallation of application in Qt](#)

