



ID	...	Creation date	06 June 2009
Platform	S60 3rd Edition FP1, S60 3rd Edition FP2, S60 5th Edition	Tested on devices	Nokia 5800
Category	Qt for Symbian	Subcategory	

Keywords (APIs, classes, methods, functions): QProgressDialog

Overview

The QProgressDialog class provides feedback on the progress of a slow operation. A progress dialog is used to give the user an indication of how long an operation is going to take, and to demonstrate that the application has not frozen. Although QProgressDialog is similar to QProgressBar, it give the user an opportunity to abort the operation, while QProgressBar will just show progress. Here you can check [How to use QProgressBar](#).

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

Preconditions

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

Source code

```
int main(int argc, char *argv[])
{
    QApplication a(argc, argv);
    ProgressDialog w;
    w.showMaximized();

    QVBoxLayout* layout = new QVBoxLayout;
    *QWidget new QWidget;

    //The minimum and maximum is the number of steps in the operation for which this progress dialog
    //for example here 0 and 100.
    QProgressDialog progress = new QProgressDialog("Fetching data...", "Cancel", 0, 100);
    //Set dialog as modal dialog, if you want.
    progress->setWindowModality(Qt::WindowModal);

    QWidget widget(progress, Qt::AlignCenter);
```

Create_progress_dialog_using_QProgressDialog

```
->setLayout(layout);

for (int i = 0; i < 100; i++)
{
//set progress value.
    progress->setValue(i);
    ->show();

//if user click cancel button of dialog.
if (progress->wasCanceled())
    break;
}

    progress->setValue(100);
    ->show();

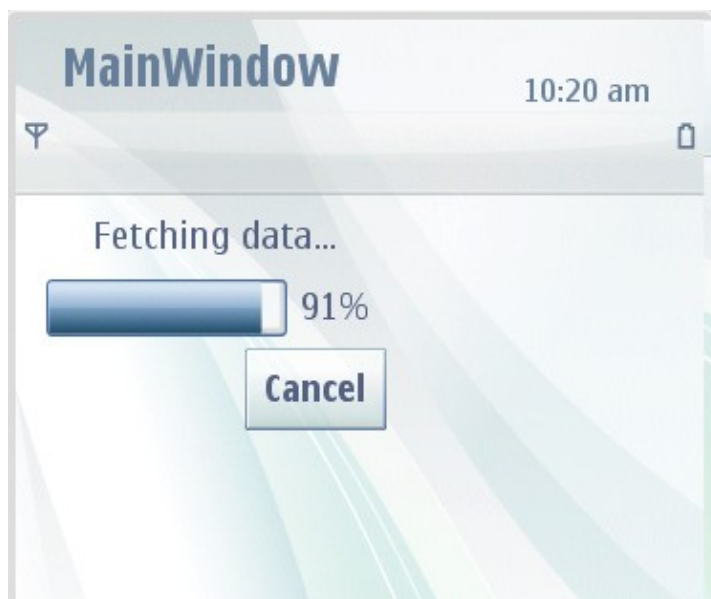
    return a.exec();
}
```

Other useful methods of QProgressDialog

Slots **cancel ()** is resets the progress dialog. Signal **canceled ()** is emitted when the cancel button is clicked. It is connected to the cancel() slot by default.

Postconditions

The code snippet is expected to show a progress dialog with cancel button, as shown in below image.



Code Example

- Download the working [Code Example](#).

External reference

- [QProgressDialog Class Reference](#)