Archived:How to use QCalendar

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Qt Quick should be used for all UI development on mobile devices. The approach described in this article (based on QWidget) is deprecated.

This (archived) code snippet demonstrates how to use the Qt calendar widget (QCalendar).

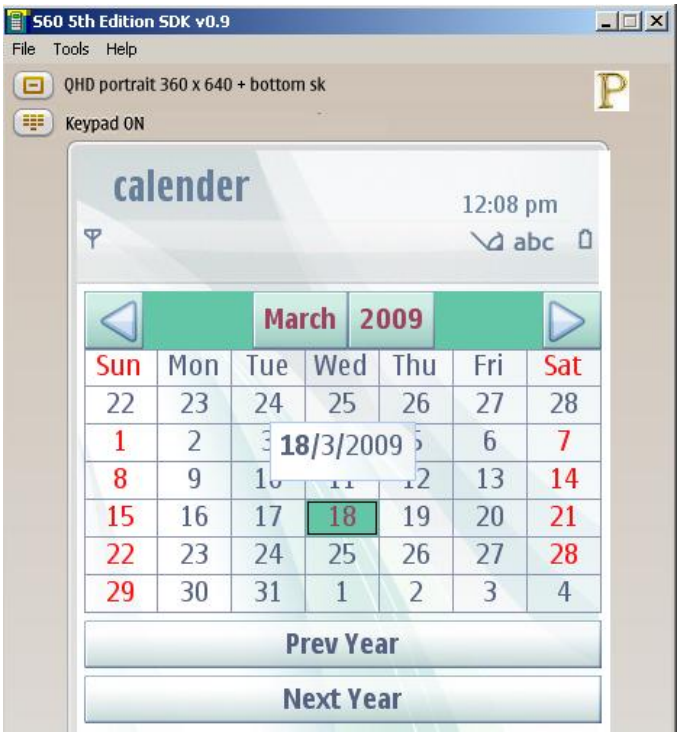
Various Functions

- This property holds the format of the vertical header.

```
QCalendarWidget *calendar = new QCalendarWidget;
calendar->setVerticalHeaderFormat(QCalendarWidget::NoVerticalHeader);
```

- This property holds whether the date edit popup is enabled.When the widget is focus and then press any non-modifier key will cause a date edit to popup.

```
QCalendarWidget *calendar = new QCalendarWidget;
calendar->setDateEditEnabled(1);
```



- Property holds a value identifying the day displayed in the first column.

```
QCalendarWidget *calendar = new QCalendarWidget;
calendar->setFirstDayOfWeek(Qt::Wednesday);
```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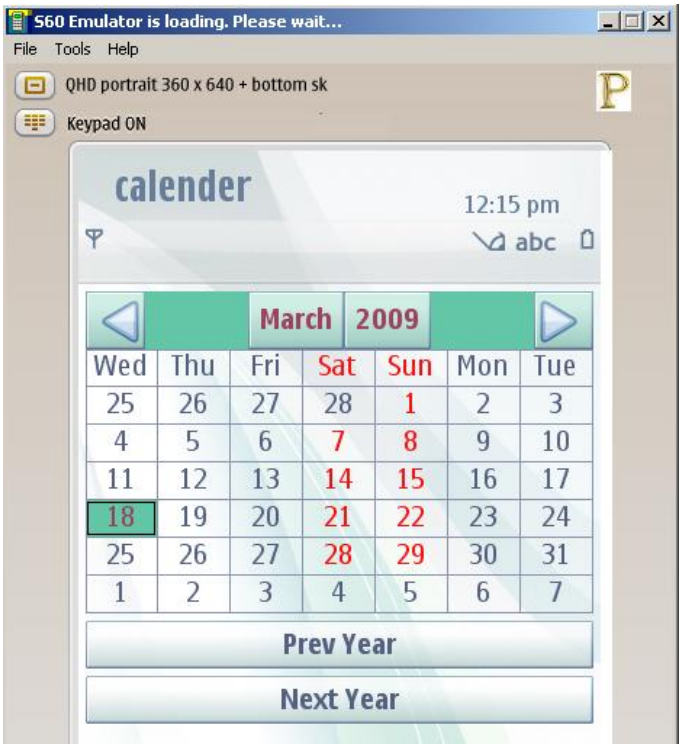

Source File

```
#include <QCalendarWidget>
#include <QApplication>
#include <QPushButton>
#include <QVBoxLayout>
#include <QWidget>
#include <QWindowsStyle>
int main(int argc, char *argv[])
{
 QApplication app(argc, argv);
 QWidget *win = new QWidget;
 QVBoxLayout *layout = new QVBoxLayout;
 QPushButton *nextyrbutton = new QPushButton("Next Year");
 QPushButton *prevyrbutton = new QPushButton("Prev Year");
 QCalendarWidget *calendar = new QCalendarWidget;
 QObject::connect(nextyrbutton,SIGNAL(clicked()),calendar,SLOT(showNextYear()));
 QObject::connect(prevyrbutton,SIGNAL(clicked()),calendar,SLOT(showPreviousYear()));
 layout->addWidget(calendar);
 layout->addWidget(prevyrbutton);
 layout->addWidget(nextyrbutton);
 calendar->setGridVisible(true);
 win->setLayout(layout);
 win->showNormal();

 return app.exec();
}
```

- In the above example only two function for displaying next and previous year are used but there are many other function like showNextMonth,show PreviousMonth,showToday etc...

Screenshot

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