# ApplicationWindow是继承自Window的，所以它能够直接显示。它在window的基础是添加了一些自己的属性和附加属性：

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| --- |
| **Properties**   * [**activeFocusControl**](qml-qtquick-controls2-applicationwindow.html#activeFocusControl-prop) : Control * [**background**](qml-qtquick-controls2-applicationwindow.html#background-prop) : Item * [**contentData**](qml-qtquick-controls2-applicationwindow.html#contentData-prop) : list<Object> * [**contentItem**](qml-qtquick-controls2-applicationwindow.html#contentItem-prop) : Item * [**font**](qml-qtquick-controls2-applicationwindow.html#font-prop) : font * [**footer**](qml-qtquick-controls2-applicationwindow.html#footer-prop) : Item * [**header**](qml-qtquick-controls2-applicationwindow.html#header-prop) : Item * [**locale**](qml-qtquick-controls2-applicationwindow.html#locale-prop) : Locale * [**menuBar**](qml-qtquick-controls2-applicationwindow.html#menuBar-prop) : Item * [**palette**](qml-qtquick-controls2-applicationwindow.html#palette-prop) : palette   **Attached Properties**   * [**activeFocusControl**](qml-qtquick-controls2-applicationwindow.html#activeFocusControl-attached-prop) : Control * [**contentItem**](qml-qtquick-controls2-applicationwindow.html#contentItem-attached-prop) : Item * [**footer**](qml-qtquick-controls2-applicationwindow.html#footer-attached-prop) : Item * [**header**](qml-qtquick-controls2-applicationwindow.html#header-attached-prop) : Item * [**menuBar**](qml-qtquick-controls2-applicationwindow.html#menuBar-attached-prop) : Item   [**window**](qml-qtquick-controls2-applicationwindow.html#window-attached-prop) : ApplicationWindow |

## 简单实例1

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| --- | --- |
| //main.qml  import QtQuick 2.15  import QtQuick.Window 2.15  import QtQuick.Controls 2.15  ApplicationWindow {  width: 640  height: 480  visible: true  title: *qsTr*("Application Window")  header:Rectangle{  width: *parent*.width  height: 80  Text {  id: *name*  //textFormat: Text.StyledText  text: "<a href='https://www.google.com'>google</a>" //注意链接前面的https://不能省略，否则该链接就被当做是qrc链接  anchors.centerIn: *parent*  onLinkActivated: {  *Qt*.openUrlExternally(*link*)  }  }  color: "lightsteelblue"  }  footer: Rectangle{  width: *parent*.width  height: 80  Text {  id: *foot*  text: *qsTr*("footer")  anchors.centerIn: *parent*  }  color: "lightsteelblue"  }  } |  |

## 简单实例2.带SwipeView的应用程序窗口

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| 素材图片   |  |  |  | | --- | --- | --- | |  |  |  | |

项目结构

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| --- | --- |
| import QtQuick 2.15  import QtQuick.Window 2.15  import QtQuick.Controls 2.15  ApplicationWindow {  width: 640  height: 480  visible: true  title: *qsTr*("Application Window")  header: Label {  text: *view*.currentItem.title  font.pixelSize: 20  horizontalAlignment: Text.AlignHCenter  }  SwipeView {  id: *view*  anchors.fill: *parent*  Page {  title: *qsTr*("Home")  Image {  id: *pic1*  source: "images/dbz.gif"  anchors.fill: *parent*  }  }  Page {  title: *qsTr*("Discover")  Image {  id: *pic2*  source: "images/dogcr.gif"  anchors.fill: *parent*  }  }  Page {  title: *qsTr*("Activity")  Image {  id: *pic3*  source: "images/pikachu.gif"  anchors.fill: *parent*  }  }  }  PageIndicator {  anchors.bottom: *parent*.bottom  anchors.horizontalCenter: *parent*.horizontalCenter  anchors.bottomMargin: 10  currentIndex: *view*.currentIndex  count: *view*.count  }  Component.onCompleted: {  *console*.log(*contentItem*.height) //contentItem.height是指内容区的高度，是除去了header和footer的高度的  }  } | 滑动一下会换一个画面    。。。 |

## 简单实例3、带菜单的应用程序窗口，需要自己实现菜单目录的处理，利用Action的onTriggered事件处理函数

|  |  |
| --- | --- |
| import QtQuick 2.15  import QtQuick.Window 2.15  import QtQuick.Controls 2.15  import QtQuick.Dialogs 1.3  ApplicationWindow {  width: 640  height: 480  visible: true  title: *qsTr*("Application Window")  FileDialog{  id:*filedlg*  title: "Please choose a file"  folder: *shortcuts*.home  onAccepted: {  let *url* = *filedlg*.fileUrls[0]  *console*.log("You chose: " + *url*.substring(8)) //通过文件对话框获取的是url是包含file:///的，这里利用substring函数来获取file协议后面的内容  }  onRejected: {  *console*.log("Canceled")  }  }  MessageDialog{ //利用MessageDialog来实现自定义的关于对话框  id:*msgdlg*  title: "about this app"  text:"ApplicationWindow demo version 1.0"  }  menuBar: MenuBar{  Menu {  title: *qsTr*("&File")  Action {  text: *qsTr*("&New...")  onTriggered: {  *console*.log("new menu item clicked")  }  }  Action {  text: *qsTr*("&Open...")  onTriggered: {  *filedlg*.visible = true  }  }  Action { text: *qsTr*("&Save") }  Action { text: *qsTr*("Save &As...") }  MenuSeparator { }  Action {  text: *qsTr*("&Quit")  onTriggered: {  //Qt.quit() //方法1  *close*() //方法2    }  }  }  Menu {  title: *qsTr*("&Edit")  Action { text: *qsTr*("Cu&t") }  Action { text: *qsTr*("&Copy") }  Action { text: *qsTr*("&Paste") }  }  Menu {  title: *qsTr*("&Help")  Action {  text: *qsTr*("&About")  onTriggered: {  *msgdlg*.visible = true  }  }  }  }  } | 点击About菜单会弹出关于对话框,点击退出菜单会退出应用程序 |

**注意：需要自己实现关于对话框**