**Qt Quick Controls QML Types**

[Q](qtquickcontrols-index.html)t Quick Controls provides QML types for creating user interfaces. These QML types work in conjunction with [Qt Quick](../qtquick/qtquick-index.html) and [Qt Quick Layouts](../qtquick/qtquicklayouts-index.html).

Qt Quick Controls QML types can be imported into your application using the following import statement in your .qml file:

**import QtQuick.Controls 2.15**

**QML Types**

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| [AbstractButton](qml-qtquick-controls2-abstractbutton.html) | Abstract base type providing functionality common to buttons |
| [Action](qml-qtquick-controls2-action.html) | Abstract user interface action |
| [ActionGroup](qml-qtquick-controls2-actiongroup.html) | Groups actions together |
| [ApplicationWindow](qml-qtquick-controls2-applicationwindow.html) | Styled top-level window with support for a header and footer |
| [BusyIndicator](qml-qtquick-controls2-busyindicator.html) | Indicates background activity, for example, while content is being loaded |
| [Button](qml-qtquick-controls2-button.html) | Push-button that can be clicked to perform a command or answer a question |
| [ButtonGroup](qml-qtquick-controls2-buttongroup.html) | Mutually-exclusive group of checkable buttons |
| [CheckBox](qml-qtquick-controls2-checkbox.html) | Check button that can be toggled on or off |
| [CheckDelegate](qml-qtquick-controls2-checkdelegate.html) | Item delegate with a check indicator that can be toggled on or off |
| [ComboBox](qml-qtquick-controls2-combobox.html) | Combined button and popup list for selecting options |
| [Container](qml-qtquick-controls2-container.html) | Abstract base type providing functionality common to containers |
| [Control](qml-qtquick-controls2-control.html) | Abstract base type providing functionality common to all controls |
| [DelayButton](qml-qtquick-controls2-delaybutton.html) | Check button that triggers when held down long enough |
| [Dial](qml-qtquick-controls2-dial.html) | Circular dial that is rotated to set a value |
| [Dialog](qml-qtquick-controls2-dialog.html) | Popup dialog with standard buttons and a title, used for short-term interaction with the user |
| [DialogButtonBox](qml-qtquick-controls2-dialogbuttonbox.html) | A button box used in dialogs |
| [Drawer](qml-qtquick-controls2-drawer.html) | Side panel that can be opened and closed using a swipe gesture |
| [Frame](qml-qtquick-controls2-frame.html) | Visual frame for a logical group of controls |
| [GroupBox](qml-qtquick-controls2-groupbox.html) | Visual frame and title for a logical group of controls |
| [HorizontalHeaderView](qml-qtquick-controls2-horizontalheaderview.html) | Provides a horizontal header view to accompany a TableView |
| [ItemDelegate](qml-qtquick-controls2-itemdelegate.html) | Basic item delegate that can be used in various views and controls |
| [Label](qml-qtquick-controls2-label.html) | Styled text label with inherited font |
| [Menu](qml-qtquick-controls2-menu.html) | Popup that can be used as a context menu or popup menu |
| [MenuBar](qml-qtquick-controls2-menubar.html) | Provides a window menu bar |
| [MenuBarItem](qml-qtquick-controls2-menubaritem.html) | Presents a drop-down menu within a MenuBar |
| [MenuItem](qml-qtquick-controls2-menuitem.html) | Presents an item within a Menu |
| [MenuSeparator](qml-qtquick-controls2-menuseparator.html) | Separates a group of items in a menu from adjacent items |
| [Overlay](qml-qtquick-controls2-overlay.html) | A window overlay for popups |
| [Page](qml-qtquick-controls2-page.html) | Styled page control with support for a header and footer |
| [PageIndicator](qml-qtquick-controls2-pageindicator.html) | Indicates the currently active page |
| [Pane](qml-qtquick-controls2-pane.html) | Provides a background matching with the application style and theme |
| [Popup](qml-qtquick-controls2-popup.html) | Base type of popup-like user interface controls |
| [ProgressBar](qml-qtquick-controls2-progressbar.html) | Indicates the progress of an operation |
| [RadioButton](qml-qtquick-controls2-radiobutton.html) | Exclusive radio button that can be toggled on or off |
| [RadioDelegate](qml-qtquick-controls2-radiodelegate.html) | Exclusive item delegate with a radio indicator that can be toggled on or off |
| [RangeSlider](qml-qtquick-controls2-rangeslider.html) | Used to select a range of values by sliding two handles along a track |
| [RoundButton](qml-qtquick-controls2-roundbutton.html) | A push-button control with rounded corners that can be clicked by the user |
| [ScrollBar](qml-qtquick-controls2-scrollbar.html) | Vertical or horizontal interactive scroll bar |
| [ScrollIndicator](qml-qtquick-controls2-scrollindicator.html) | Vertical or horizontal non-interactive scroll indicator |
| [ScrollView](qml-qtquick-controls2-scrollview.html) | Scrollable view |
| [Slider](qml-qtquick-controls2-slider.html) | Used to select a value by sliding a handle along a track |
| [SpinBox](qml-qtquick-controls2-spinbox.html) | Allows the user to select from a set of preset values |
| [SplitHandle](qml-qtquick-controls2-splithandle.html) | Provides attached properties for SplitView handles |
| [SplitView](qml-qtquick-controls2-splitview.html) | Lays out items with a draggable splitter between each item |
| [StackView](qml-qtquick-controls2-stackview.html) | Provides a stack-based navigation model |
| [SwipeDelegate](qml-qtquick-controls2-swipedelegate.html) | Swipable item delegate |
| [SwipeView](qml-qtquick-controls2-swipeview.html) | Enables the user to navigate pages by swiping sideways |
| [Switch](qml-qtquick-controls2-switch.html) | Button that can be toggled on or off |
| [SwitchDelegate](qml-qtquick-controls2-switchdelegate.html) | Item delegate with a switch indicator that can be toggled on or off |
| [TabBar](qml-qtquick-controls2-tabbar.html) | Allows the user to switch between different views or subtasks |
| [TabButton](qml-qtquick-controls2-tabbutton.html) | Button with a look suitable for a TabBar |
| [TextArea](qml-qtquick-controls2-textarea.html) | Multi-line text input area |
| [TextField](qml-qtquick-controls2-textfield.html) | Single-line text input field |
| [ToolBar](qml-qtquick-controls2-toolbar.html) | Container for context-sensitive controls |
| [ToolButton](qml-qtquick-controls2-toolbutton.html) | Button with a look suitable for a ToolBar |
| [ToolSeparator](qml-qtquick-controls2-toolseparator.html) | Separates a group of items in a toolbar from adjacent items |
| [ToolTip](qml-qtquick-controls2-tooltip.html) | Provides tool tips for any control |
| [Tumbler](qml-qtquick-controls2-tumbler.html) | Spinnable wheel of items that can be selected |
| [VerticalHeaderView](qml-qtquick-controls2-verticalheaderview.html) | Provides a vertical header view to accompany a TableView |