

#\$+K!

## Gizmos: a library of enhanced controls

by Julian Smart and others

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D isableButton("Up")

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## Introduction

What is the Gizmos library?

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**\$#+K! Alphabetical class reference**

[wxDynamicSashSplitEvent](#)  
[wxDynamicSashUnifyEvent](#)  
[wxDynamicSashWindow](#)  
[wxEditableListBox](#)  
[wxLEDNumberCtrl](#)  
[wxMultiCellCanvas](#)  
[wxMultiCellItemHandle](#)  
[wxMultiCellSizer](#)  
[wxRemotelyScrolledTreeCtrl](#)  
[wxSplitterScrolledWindow](#)  
[wxThinSplitterWindow](#)  
[wxTreeCompanionWindow](#)

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<sup>A</sup> Alphabetical class reference

<sup>C</sup> lassref

<sup>b</sup> rowse00005

<sup>K</sup> Alphabetical class reference

<sup>D</sup> isableButton("Up")

## `##+K!` **Classes by category**

A classification of Gizmos classes by category.

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`C`lasses by category  
`c`lassesbycat  
`b`rowse00104  
`K` Classes by category  
`D`isableButton("Up")

## Topic overviews

This chapter contains a selection of topic overviews, first things first:

[Notes on using the reference](#)

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Topic overviews  
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Topic overviews  
isableButton("Up")

## **References**

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References  
DisableButton("Up")



## \$#+K! **What is the Gizmos library?**

This manual describes a class library with a miscellany of useful user interface classes.

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W hat is the Gizmos library?

t opic1

b rowse00004

K What is the Gizmos library?

E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `introduction)")

## `wxDynamicSashSplitEvent`

`wxDynamicSashSplitEvent`s are sent to your view by `wxDynamicSashWindow` whenever your view is being split by the user. It is your responsibility to handle this event by creating a new view window as a child of the `wxDynamicSashWindow`. `wxDynamicSashWindow` will automatically re-parent it to the proper place in its window hierarchy.

### Derived from

[`wxCommandEvent`](#)

### Data structures

### Members

[`wxDynamicSashSplitEvent::wxDynamicSashSplitEvent`](#)

[`wxDynamicSashSplitEvent::Clone`](#)

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`wxDynamicSashSplitEvent`

`wxdynamicsashsplitevent`

`rowse00006`

`wxDynamicSashSplitEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")`

## `wxDynamicSashUnifyEvent`

`wxDynamicSashUnifyEvents` are sent to your view by `wxDynamicSashWindow` whenever the sash which splits your view and its sibling is being reunified such that your view is expanding to replace its sibling. You needn't do anything with this event if you are allowing `wxDynamicSashWindow` to manage your view's scrollbars, but it is useful if you are managing the scrollbars yourself so that you can keep the scrollbars' event handlers connected to your view's event handler class.

### Derived from

[`wxCommandEvent`](#)

### Data structures

### Members

[`wxDynamicSashUnifyEvent::wxDynamicSashUnifyEvent`](#)

[`wxDynamicSashUnifyEvent::Clone`](#)

---

`wxDynamicSashUnifyEvent`

`wxdynamicsashunifyevent`

`rowse00009`

`wxDynamicSashUnifyEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")`

**`$#+K1` wxDynamicSashWindow**

wxDynamicSashWindow. See above.

### Derived from

[wxWindow](#)

### Data structures

### Members

[wxDynamicSashWindow::wxDynamicSashWindow](#)  
[wxDynamicSashWindow::~~wxDynamicSashWindow](#)  
[wxDynamicSashWindow::AddChild](#)  
[wxDynamicSashWindow::Create](#)  
[wxDynamicSashWindow::GetHScrollBar](#)  
[wxDynamicSashWindow::GetVScrollBar](#)

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`w`xDynamicSashWindow

`w`xdynamicsshwindow

`b`rowse00012

`K` wxDynamicSashWindow

`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

## `wxEditableListBox`

This class provides a composite control that lets the user easily enter list of strings

### Derived from

[wxPanel](#)

### Data structures

### Members

[wxEditableListBox::wxEditableListBox](#)

[wxEditableListBox::GetStrings](#)

[wxEditableListBox::OnDelItem](#)

[wxEditableListBox::OnDownItem](#)

[wxEditableListBox::OnEditItem](#)

[wxEditableListBox::OnEndLabelEdit](#)

[wxEditableListBox::OnItemSelected](#)

[wxEditableListBox::OnNewItem](#)

[wxEditableListBox::OnUpItem](#)

[wxEditableListBox::SetStrings](#)

---

`wxEditableListBox`

`wxeditablelistbox`

`rowse00019`

`K wxEditableListBox`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")`

\$#+K1 **wxLEDNumberCtrl**

wxLEDNumberCtrl

**Derived from**

wxControl

**Data structures**

**Members**

wxLEDNumberCtrl::wxLEDNumberCtrl

wxLEDNumberCtrl::Create

wxLEDNumberCtrl::GetAlignment

wxLEDNumberCtrl::GetDrawFaded

wxLEDNumberCtrl::GetValue

wxLEDNumberCtrl::SetAlignment

wxLEDNumberCtrl::SetDrawFaded

wxLEDNumberCtrl::SetValue

---

<sup>w</sup>xLEDNumberCtrl

<sup>w</sup>xlednumberctrl

<sup>b</sup>rowse00030

<sup>K</sup> wxLEDNumberCtrl

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

`$#+K1` **wxMultiCellCanvas**

wxCell is used internally, so we don't need to declare it here

wxMultiCellCanvas

**Derived from**

wxFlexGridSizer

**Data structures**

**Members**

wxMultiCellCanvas::wxMultiCellCanvas  
wxMultiCellCanvas::Add  
wxMultiCellCanvas::CalculateConstraints  
wxMultiCellCanvas::MaxCols  
wxMultiCellCanvas::MaxRows  
wxMultiCellCanvas::Resize  
wxMultiCellCanvas::SetMinCellSize

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`w` wxMultiCellCanvas  
`w` wxmulticellcanvas  
`b` rowse00039  
`K` wxMultiCellCanvas  
`E` nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

\$#+K! **wxMultiCellItemHandle**

classes

wxMultiCellItemHandle

**Derived from**

wxObject

**Data structures**

**Members**

wxMultiCellItemHandle::wxMultiCellItemHandle

wxMultiCellItemHandle::GetAlignment

wxMultiCellItemHandle::GetColumn

wxMultiCellItemHandle::GetHeight

wxMultiCellItemHandle::GetLocalSize

wxMultiCellItemHandle::GetRow

wxMultiCellItemHandle::GetStyle

wxMultiCellItemHandle::GetWeight

wxMultiCellItemHandle::GetWidth

---

<sup>w</sup>xMultiCellItemHandle

<sup>w</sup>xmulticellitemhandle

<sup>b</sup>rowse00047

<sup>K</sup> wxMultiCellItemHandle

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

\$#+K1. **wxMultiCellSizer**

wxMultiCellSizer

**Derived from**

wxSizer

**Data structures**

**Members**

wxMultiCellSizer::wxMultiCellSizer  
wxMultiCellSizer::~~wxMultiCellSizer  
wxMultiCellSizer::CalcMin  
wxMultiCellSizer::EnableGridLines  
wxMultiCellSizer::OnPaint  
wxMultiCellSizer::RecalcSizes  
wxMultiCellSizer::SetColumnWidth  
wxMultiCellSizer::SetDefaultCellSize  
wxMultiCellSizer::SetGridPen  
wxMultiCellSizer::SetRowHeight

---

<sup>w</sup>xMultiCellSizer

<sup>w</sup>xmulticellsizer

<sup>b</sup>rowse00057

<sup>K</sup> wxMultiCellSizer

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

## \$#+K1. **wxRemotelyScrolledTreeCtrl**

wxRemotelyScrolledTreeCtrl This tree control disables its vertical scrollbar and catches scroll events passed by a scrolled window higher in the hierarchy. It also updates the scrolled window vertical scrollbar as appropriate. **Derived from**

[wxTreeCtrl](#)

### **Data structures**

### **Members**

[wxRemotelyScrolledTreeCtrl::wxRemotelyScrolledTreeCtrl](#)  
[wxRemotelyScrolledTreeCtrl::~~wxRemotelyScrolledTreeCtrl](#)  
[wxRemotelyScrolledTreeCtrl::AdjustRemoteScrollbars](#)  
[wxRemotelyScrolledTreeCtrl::CalcTreeSize](#)  
[wxRemotelyScrolledTreeCtrl::GetCompanionWindow](#)  
[wxRemotelyScrolledTreeCtrl::GetScrollPos](#)  
[wxRemotelyScrolledTreeCtrl::GetScrolledWindow](#)  
[wxRemotelyScrolledTreeCtrl::GetViewStart](#)  
[wxRemotelyScrolledTreeCtrl::HideVScrollbar](#)  
[wxRemotelyScrolledTreeCtrl::OnExpand](#)  
[wxRemotelyScrolledTreeCtrl::OnPaint](#)  
[wxRemotelyScrolledTreeCtrl::OnScroll](#)  
[wxRemotelyScrolledTreeCtrl::OnSize](#)  
[wxRemotelyScrolledTreeCtrl::PrepareDC](#)  
[wxRemotelyScrolledTreeCtrl::ScrollToLine](#)  
[wxRemotelyScrolledTreeCtrl::SetCompanionWindow](#)  
[wxRemotelyScrolledTreeCtrl::SetScrollbars](#)

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<sup>w</sup>xRemotelyScrolledTreeCtrl  
<sup>w</sup>xremotelyscrolledtreectrl  
<sup>b</sup>rowse00068  
<sup>K</sup> wxRemotelyScrolledTreeCtrl  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

## `wxSplitterScrolledWindow`

`wxSplitterScrolledWindow` This scrolled window is aware of the fact that one of its children is a splitter window. It passes on its scroll events (after some processing) to both splitter children for them to scroll appropriately. **Derived from**

[`wxScrolledWindow`](#)

### Data structures

### Members

[`wxSplitterScrolledWindow::wxSplitterScrolledWindow`](#)

[`wxSplitterScrolledWindow::OnScroll`](#)

[`wxSplitterScrolledWindow::OnSize`](#)

---

`wxSplitterScrolledWindow`

`wxsplitterscrolledwindow`

`rowse00086`

`wxSplitterScrolledWindow`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")`

## `wxThinSplitterWindow`

`wxThinSplitterWindow` Implements a splitter with a less obvious sash than the usual one. **Derived from**

[`wxSplitterWindow`](#)

### Data structures

### Members

[`wxThinSplitterWindow::wxThinSplitterWindow`](#)

[`wxThinSplitterWindow::DrawSash`](#)

[`wxThinSplitterWindow::OnSize`](#)

[`wxThinSplitterWindow::SashHitTest`](#)

[`wxThinSplitterWindow::SizeWindows`](#)

---

`wxThinSplitterWindow`

`wxthin splitterwindow`

`brose00090`

`K wxThinSplitterWindow`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")`

## \$#+K1. wxTreeCompanionWindow

wxTreeCompanionWindow A window displaying values associated with tree control items. **Derived from**

wxWindow

### Data structures

### Members

wxTreeCompanionWindow::wxTreeCompanionWindow

wxTreeCompanionWindow::DrawItem

wxTreeCompanionWindow::GetTreeCtrl

wxTreeCompanionWindow::OnExpand

wxTreeCompanionWindow::OnPaint

wxTreeCompanionWindow::OnScroll

wxTreeCompanionWindow::SetTreeCtrl

---

w\_xTreeCompanionWindow

w\_xtreecompanionwindow

b\_rowse00096

K wxTreeCompanionWindow

E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `classref)")

## Notes on using the reference

In the descriptions of the wxWindows classes and their member functions, note that descriptions of inherited member functions are not duplicated in derived classes unless their behaviour is different. So in using a class such as wxScrolledWindow, be aware that wxWindow functions may be relevant.

Note also that arguments with default values may be omitted from a function call, for brevity. Size and position arguments may usually be given a value of -1 (the default), in which case wxWindows will choose a suitable value.

Most strings are returned as wxString objects. However, for remaining char \* return values, the strings are allocated and deallocated by wxWindows. Therefore, return values should always be copied for long-term use, especially since the same buffer is often used by wxWindows.

The member functions are given in alphabetical order except for constructors and destructors which appear first.

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Notes on using the reference

referencenotes

browse00106

Notes on using the reference

enableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `overviews')")





**`wxDynamicSashSplitEvent::wxDynamicSashSplitEvent`**

**`wxDynamicSashSplitEvent(const wxDynamicSashSplitEvent& event)`**<sup>K</sup>

**`wxDynamicSashSplitEvent(wxObject* target)`**<sup>K</sup>

**`wxDynamicSashSplitEvent()`**<sup>K</sup>

---

`wxDynamicSashSplitEvent::wxDynamicSashSplitEvent`

`wxdynamicsashspliteventwxdynamicsashsplitevent`

`rowse00007`

`wxDynamicSashSplitEvent wxDynamicSashSplitEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsashsplitevent')")`

`wxDynamicSashSplitEvent`

`wxDynamicSashSplitEvent`

`wxDynamicSashSplitEvent`

`$#+KKl wxDynamicSashSplitEvent::Clone`

`wxEvent* Clone() const`

---

`wxDynamicSashSplitEvent::Clone`

`wxdynamicsashspliteventclone`

`rowse00008`

`K wxDynamicSashSplitEvent Clone`

`K Clone`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxdynamicsashsplitevent')")`

**`wxDynamicSashUnifyEvent::wxDynamicSashUnifyEvent`**

**`wxDynamicSashUnifyEvent(const wxDynamicSashUnifyEvent& event)K`**

**`wxDynamicSashUnifyEvent(wxObject* target)K`**

**`wxDynamicSashUnifyEvent()K`**

---

`wxDynamicSashUnifyEvent::wxDynamicSashUnifyEvent`

`wxdynamicsashunifyeventwxdynamicsashunifyevent`

`rowse00010`

`wxDynamicSashUnifyEvent wxDynamicSashUnifyEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsashunifyevent')")`

`wxDynamicSashUnifyEvent`

`wxDynamicSashUnifyEvent`

`wxDynamicSashUnifyEvent`

`$#+KKl wxDynamicSashUnifyEvent::Clone`

`wxEvent* Clone() const`

---

`wxDynamicSashUnifyEvent::Clone`

`wxdynamicsashunifyeventclone`

`rowse00011`

`K wxDynamicSashUnifyEvent Clone`

`K Clone`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxdynamicsashunifyevent')")`

**`$#+K!` wxDynamicSashWindow::wxDynamicSashWindow**

**`wxDynamicSashWindow(wxWindow* parent, wxWindowID id, const wxPoint& pos = wxDefaultPosition, const wxSize& size = wxDefaultSize, long style = wxCLIP_CHILDREN | wxDS_MANAGE_SCROLLBARS | wxDS_DRAG_CORNER, const wxString& name = "dynamicSashWindow")K`**

**`wxDynamicSashWindow()K`**

---

`w`xDynamicSashWindow::wxDynamicSashWindow  
`w`xdynamicsshwindowwxdynamicsshwindow  
`b`rowse00013  
`K` wxDynamicSashWindow wxDynamicSashWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsshwindow')")  
`K` wxDynamicSashWindow  
`K` wxDynamicSashWindow

**`$#+K! wxDynamicSashWindow::~wxDynamicSashWindow`**

**`~wxDynamicSashWindow()`**<sup>K</sup>

---

`w`xDynamicSashWindow::~wxDynamicSashWindow  
`w`xdynamicsshwindowdtor  
`b`rowse00014  
`K` wxDynamicSashWindow ~wxDynamicSashWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsshwindow')")  
`K` ~wxDynamicSashWindow

`$#+K! wxDynamicSashWindow::AddChild`

`void AddChild(wxWindowBase* child)K`

This is overloaded from wxWindowBase. It's not here for you to call directly.

---

`w_xDynamicSashWindow::AddChild  
w_xdynamicsashwindowaddchild  
b_rowse00015  
K wxDynamicSashWindow AddChild  
E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsashwindow')")  
K AddChild`

`$#+K!` **wxDynamicSashWindow::Create**

**bool Create(wxWindow\* parent, wxWindowID id, const wxPoint& pos = wxDefaultPosition, const wxSize& size = wxDefaultSize, long style = wxCLIP\_CHILDREN | wxDS\_MANAGE\_SCROLLBARS | wxDS\_DRAG\_CORNER, const wxString& name = "dynamicSashWindow")<sup>K</sup>**

---

`w`xDynamicSashWindow::Create  
`w`xdynamicsshwindowcreate  
`b`rowse00016  
`K` wxDynamicSashWindow Create  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxdynamicsshwindow')")  
`K` Create

`##+KK1 wxDynamicSashWindow::GetHScrollBar`

`wxScrollBar* GetHScrollBar(const wxWindow* child) const`

---

`wxDynamicSashWindow::GetHScrollBar`

`wxdynamicsashwindowgethscrollbar`

`rowse00017`

`K wxDynamicSashWindow GetHScrollBar`

`K GetHScrollBar`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxdynamicsashwindow')")`

`$#+KKl wxDynamicSashWindow::GetVScrollBar`

`wxScrollBar* GetVScrollBar(const wxWindow* child) const`

---

`wxDynamicSashWindow::GetVScrollBar`  
`wxdynamicsashwindowgetvscrollbar`  
`rowse00018`  
`K wxDynamicSashWindow GetVScrollBar`  
`K GetVScrollBar`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxdynamicsashwindow')")`

**`$#+K!` wxEditableListBox::wxEditableListBox**

**`wxEditableListBox(wxWindow* parent, wxWindowID id, const wxString& label, const wxPoint& pos = wxDefaultPosition, const wxSize& size = wxDefaultSize, const wxString& name = wxT("editableListBox"))`<sup>K</sup>**

---

`w`xEditableListBox::wxEditableListBox

`w`xeditablelistboxwxeditablelistbox

`b`rowse00020

`K` wxEditableListBox wxEditableListBox

`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")

`K` wxEditableListBox

**`$#+K!` wxEditableListBox::GetStrings**

**`void GetStrings(wxArrayString& strings)K`**

---

`w`xEditableListBox::GetStrings  
`w`xeditablelistboxgetstrings  
`b`rowse00021  
`K` wxEditableListBox GetStrings  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")  
`K` GetStrings

**`$#+K! wxEditableListBox::OnDelItem`**

**`void OnDelItem(wxCommandEvent& event)K`**

---

`w_xEditableListBox::OnDelItem`

`w_xeditablelistboxondelitem`

`b_rowse00022`

`K wxEditableListBox OnDelItem`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

`K OnDelItem`

`$#+K! wxEditableListBox::OnDownItem`

`void OnDownItem(wxCommandEvent& event)K`

---

`w_xEditableListBox::OnDownItem`

`w_xeditablelistboxondownitem`

`b_rowse00023`

`K wxEditableListBox OnDownItem`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

`K OnDownItem`

`$#+K! wxEditableListBox::OnEditItem`

`void OnEditItem(wxCommandEvent& event)K`

---

`w_xEditableListBox::OnEditItem`

`w_xeditablelistboxonedititem`

`b_rowse00024`

`K wxEditableListBox OnEditItem`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

`K OnEditItem`

**`$#+K!` wxEditableListBox::OnEndLabelEdit**

**`void OnEndLabelEdit(wxListEvent& event)`<sup>K</sup>**

---

`w`xEditableListBox::OnEndLabelEdit  
`w`xeditablelistboxonendlabeledit  
`b`rowse00025  
`K` wxEditableListBox OnEndLabelEdit  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")  
`K` OnEndLabelEdit

`$#+K! wxEditableListBox::OnItemSelected`

`void OnItemSelected(wxCommandEvent& event)K`

---

`wxEditableListBox::OnItemSelected`

`wxeditablelistboxonitemselected`

`rowse00026`

`K wxEditableListBox OnItemSelected`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

`K OnItemSelected`

**`$#+K! wxEditableListBox::OnNewItem`**

**`void OnNewItem(wxCommandEvent& event)K`**

---

`w_xEditableListBox::OnNewItem`

`w_xeditablelistboxonnewitem`

`b_rowse00027`

`K wxEditableListBox OnNewItem`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

`K OnNewItem`

**`$#+K! wxEditableListBox::OnUpItem`**

**`void OnUpItem(wxCommandEvent& event)K`**

---

`w`xEditableListBox::OnUpItem  
`w`xeditablelistboxonupitem  
`b`rowse00028  
`K` wxEditableListBox OnUpItem  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")  
`K` OnUpItem

**`wxEditableListBox::SetStrings`**

**`void SetStrings(const wxArrayString& strings)`**<sup>K</sup>

---

<sup>w</sup>`EditableListBox::SetStrings`

<sup>w</sup>`editablelistboxsetstrings`

<sup>b</sup>`rowse00029`

<sup>K</sup>`wxEditableListBox SetStrings`

<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxeditablelistbox')")`

<sup>K</sup>`SetStrings`

`wxLEDNumberCtrl::wxLEDNumberCtrl`

`wxLEDNumberCtrl(wxWindow* parent, wxWindowID id = -1, const wxPoint& pos = wxDefaultPosition, const wxSize& size = wxDefaultSize, long style = wxLED_ALIGN_LEFT | wxLED_DRAW_FADED)`<sup>K</sup>

`wxLEDNumberCtrl()`<sup>K</sup>

Constructors.

---

`wxLEDNumberCtrl::wxLEDNumberCtrl`

`wxlednumberctrlwxlednumberctrl`

`rowse00031`

`wxLEDNumberCtrl wxLEDNumberCtrl`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxlednumberctrl')")`

`wxLEDNumberCtrl`

`wxLEDNumberCtrl`

`$#+K1` **wxLEDNumberCtrl::Create**

**bool Create**(**wxWindow\*** *parent*, **wxWindowID** *id = -1*, **const wxPoint&** *pos = wxDefaultPosition*, **const wxSize&** *size = wxDefaultSize*, **long style = 0**)<sup>K</sup>

Create functions.

---

`w`xLEDNumberCtrl::Create  
`w`xlednumberctrlcreate  
`b`rowse00032  
`K` wxLEDNumberCtrl Create  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxlednumberctrl')")  
`K` Create

`##+KK1 wxLEDNumberCtrl::GetAlignment`

`wxLEDValueAlign GetAlignment() const`

---

`wxLEDNumberCtrl::GetAlignment`

`wxlednumberctrlgetalignment`

`rowse00033`

`K wxLEDNumberCtrl GetAlignment`

`K GetAlignment`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxlednumberctrl')")`

`$#+KKl wxLEDNumberCtrl::GetDrawFaded`

`bool GetDrawFaded() const`

---

`w_xLEDNumberCtrl::GetDrawFaded`  
`w_xlednumberctrlgetdrawfaded`  
`browse00034`  
`K wxLEDNumberCtrl GetDrawFaded`  
`K GetDrawFaded`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxlednumberctrl')")`

`$#+KKl wxLEDNumberCtrl::GetValue`

`const wxString& GetValue() const`

---

`wxLEDNumberCtrl::GetValue`

`wxlednumberctrlgetvalue`

`rowse00035`

`K wxLEDNumberCtrl GetValue`

`K GetValue`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp, `wxlednumberctrl')")`

`$#+K!` **wxLEDNumberCtrl::SetAlignment**

**void SetAlignment(wxLEDValueAlign *Alignment*, bool *Redraw* = *TRUE*)<sup>K</sup>**

---

<sup>w</sup>xLEDNumberCtrl::SetAlignment

<sup>w</sup>xlednumberctrlsetalignment

<sup>b</sup>rowse00036

<sup>K</sup> wxLEDNumberCtrl SetAlignment

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxlednumberctrl')")

<sup>K</sup> SetAlignment

`$#+K! wxLEDNumberCtrl::SetDrawFaded`

`void SetDrawFaded(bool DrawFaded, bool Redraw = TRUE)K`

---

`w_xLEDNumberCtrl::SetDrawFaded`

`w_xlednumberctrlsetdrawfaded`

`b_rowse00037`

`K wxLEDNumberCtrl SetDrawFaded`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxlednumberctrl')")`

`K SetDrawFaded`

<sup>S#+K!</sup>**wxLEDNumberCtrl::SetValue**

**void SetValue(const wxString& Value, bool Redraw = TRUE)<sup>K</sup>**

---

<sup>w</sup>xLEDNumberCtrl::SetValue

<sup>w</sup>xlednumberctrlsetvalue

<sup>b</sup>rowse00038

<sup>K</sup> wxLEDNumberCtrl SetValue

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxlednumberctrl')")

<sup>K</sup> SetValue

`$#+K!` **wxMultiCellCanvas::wxMultiCellCanvas**

**wxMultiCellCanvas(wxWindow\* parent, int numRows = 2, int numCols = 2)**<sup>K</sup>

---

`w`xMultiCellCanvas::wxMultiCellCanvas  
`w`xmulticellcanvaswxmulticellcanvas  
`b`rowse00040  
`K` wxMultiCellCanvas wxMultiCellCanvas  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")  
`K` wxMultiCellCanvas

`$#+K1 wxMultiCellCanvas::Add`

`void Add(wxWindow* win, unsigned int row, unsigned int col)K`

---

`w_xMultiCellCanvas::Add`

`w_xmulticellcanvasadd`

`browse00041`

`K wxMultiCellCanvas Add`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")`

`K Add`

`$#+K! wxMultiCellCanvas::CalculateConstraints`

`void CalculateConstraints()`<sup>K</sup>

---

`w_xMultiCellCanvas::CalculateConstraints`

`w_xmulticellcanvascalculateconstraints`

`browse00042`

`K wxMultiCellCanvas CalculateConstraints`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")`

`K CalculateConstraints`

`$#+K! wxMultiCellCanvas::MaxCols`

`int MaxCols()`<sup>K</sup>

---

`w_xMultiCellCanvas::MaxCols`

`w_xmulticellcanvasmxcols`

`browse00043`

`K wxMultiCellCanvas MaxCols`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")`

`K MaxCols`

`$#+K! wxMultiCellCanvas::MaxRows`

`int MaxRows()K`

---

`w_xMultiCellCanvas::MaxRows`

`w_xmulticellcanvasmaxrows`

`browse00044`

`K wxMultiCellCanvas MaxRows`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")`

`K MaxRows`

`$#+K!` **wxMultiCellCanvas::Resize**

**void Resize(int numRows, int numCols)**<sup>K</sup>

---

<sup>w</sup>wxMultiCellCanvas::Resize

<sup>w</sup>wxmulticellcanvasresize

<sup>b</sup>rowse00045

<sup>K</sup>wxMultiCellCanvas Resize

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")

<sup>K</sup>Resize

`$#+K!` **wxMultiCellCanvas::SetMinCellSize**

**void SetMinCellSize(const wxSize size)<sup>K</sup>**

---

`w` wxMultiCellCanvas::SetMinCellSize

`w` wxmulticellcavassetmincellsize

`b` rowse00046

`K` wxMultiCellCanvas SetMinCellSize

`E` nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellcanvas')")

`K` SetMinCellSize

**`wxMultiCellItemHandle::wxMultiCellItemHandle`**

**`wxMultiCellItemHandle(int row, int column, wxSize size, wxResizable style = wxNOT_RESIZABLE, wxSize weight = wxSize(1, 1), int align = wxALIGN_NOT)`**<sup>K</sup>

**`wxMultiCellItemHandle(int row, int column, wxResizable style, wxSize weight = wxSize(1, 1), int align = wxALIGN_NOT)`**<sup>K</sup>

**`wxMultiCellItemHandle(int row, int column, int align)`**<sup>K</sup>

**`wxMultiCellItemHandle(int row, int column, int height = 1, int width = 1, wxSize size = wxDefaultSize, wxResizable style = wxNOT_RESIZABLE, wxSize weight = wxSize(1, 1), int align = wxALIGN_NOT)`**<sup>K</sup>

---

<sup>w</sup>`wxMultiCellItemHandle::wxMultiCellItemHandle`

<sup>w</sup>`wxmulticellitemhandlewxmulticellitemhandle`

<sup>b</sup>`rowse00048`

<sup>K</sup>`wxMultiCellItemHandle wxMultiCellItemHandle`

<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")`

<sup>K</sup>`wxMultiCellItemHandle`

<sup>K</sup>`wxMultiCellItemHandle`

<sup>K</sup>`wxMultiCellItemHandle`

<sup>K</sup>`wxMultiCellItemHandle`

**`$#+K!` wxMultiCellItemHandle::GetAlignment**

**`int GetAlignment()`<sup>K</sup>**

---

`w`xMultiCellItemHandle::GetAlignment  
`w`xmulticellitemhandlegetalignment  
`b`rowse00049  
`K` wxMultiCellItemHandle GetAlignment  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")  
`K` GetAlignment

**`$#+K!` wxMultiCellItemHandle::GetColumn**

**`int GetColumn()`**<sup>K</sup>

---

`w`xMultiCellItemHandle::GetColumn  
`w`xmulticellitemhandlegetcolumn  
`b`rowse00050  
`K` wxMultiCellItemHandle GetColumn  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")  
`K` GetColumn

**`$#+K!` wxMultiCellItemHandle::GetHeight**

**`int GetHeight()`<sup>K</sup>**

---

`w`xMultiCellItemHandle::GetHeight

`w`xmulticellitemhandlegetheight

`b`rowse00051

`K` wxMultiCellItemHandle GetHeight

`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")

`K` GetHeight

**`$#+K!` wxMultiCellItemHandle::GetLocalSize**

**`wxSize GetLocalSize()`<sup>K</sup>**

---

`w`xMultiCellItemHandle::GetLocalSize  
`w`xmulticellitemhandlegetlocalsize  
`b`rowse00052  
`K` wxMultiCellItemHandle GetLocalSize  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")  
`K` GetLocalSize

**`$#+K!` wxMultiCellItemHandle::GetRow**

**`int GetRow()`<sup>K</sup>**

---

<sup>w</sup>xMultiCellItemHandle::GetRow

<sup>w</sup>xmulticellitemhandlegetrow

<sup>b</sup>rowse00053

<sup>K</sup> wxMultiCellItemHandle GetRow

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")

<sup>K</sup> GetRow

**`$#+K!` wxMultiCellItemHandle::GetStyle**

**`wxResizable GetStyle()`<sup>K</sup>**

---

<sup>w</sup>xMultiCellItemHandle::GetStyle

<sup>w</sup>xmulticellitemhandlegetstyle

<sup>b</sup>rowse00054

<sup>K</sup> wxMultiCellItemHandle GetStyle

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")

<sup>K</sup> GetStyle

**`$#+K!` wxMultiCellItemHandle::GetWeight**

**`wxSize` GetWeight()<sup>K</sup>**

---

<sup>w</sup>xMultiCellItemHandle::GetWeight

<sup>w</sup>xmulticellitemhandlegetweight

<sup>b</sup>rowse00055

<sup>K</sup> wxMultiCellItemHandle GetWeight

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")

<sup>K</sup> GetWeight

`$#+K! wxMultiCellItemHandle::GetWidth`

`int GetWidth()K`

---

`w_xMultiCellItemHandle::GetWidth`

`w_xmulticellitemhandlegetwidth`

`b_rowse00056`

`K wxMultiCellItemHandle GetWidth`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellitemhandle')")`

`K GetWidth`

`$#+K! wxMultiCellSizer::wxMultiCellSizer`

`wxMultiCellSizer(int rows, int cols)K`

`wxMultiCellSizer(wxSize & size)K`

---

`wxMultiCellSizer::wxMultiCellSizer`

`wxmulticellsizerwxmulticellsizer`

`browse00058`

`K wxMultiCellSizer wxMultiCellSizer`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K wxMultiCellSizer`

`K wxMultiCellSizer`

**`$#+K! wxMultiCellSizer::~wxMultiCellSizer`**

**`~wxMultiCellSizer()`<sup>K</sup>**

---

`wxMultiCellSizer::~wxMultiCellSizer`

`wxmulticellsizerdtor`

`browse00059`

`K wxMultiCellSizer ~wxMultiCellSizer`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K ~wxMultiCellSizer`

`$#+K! wxMultiCellSizer::CalcMin`

`wxSize CalcMin()`<sup>K</sup>

---

`w_xMultiCellSizer::CalcMin`  
`w_xmulticellsizercalcmin`  
`browse00060`  
`K wxMultiCellSizer CalcMin`  
`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`  
`K CalcMin`

`$#+K! wxMultiCellSizer::EnableGridLines`

`bool EnableGridLines(wxWindow* win)K`

---

`w_xMultiCellSizer::EnableGridLines`

`w_xmulticellsizerenablegridlines`

`b_rowse00061`

`K wxMultiCellSizer EnableGridLines`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K EnableGridLines`

**`wxMultiCellSizer::OnPaint`**

**`void OnPaint(wxDC& dc)`**

---

`wxMultiCellSizer::OnPaint`  
`wxmulticellsizeronpaint`  
`rowse00062`  
`wxMultiCellSizer OnPaint`  
`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`  
`OnPaint`

`$#+K! wxMultiCellSizer::RecalcSizes`

`void RecalcSizes()K`

---

`w_xMultiCellSizer::RecalcSizes`

`w_xmulticellsizerrecalcsizes`

`b_rowse00063`

`K wxMultiCellSizer RecalcSizes`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K RecalcSizes`

`$#+K!` **wxMultiCellSizer::SetColumnWidth**

**bool SetColumnWidth(int column, int colSize = 5, bool expandable = FALSE)**<sup>K</sup>

---

`w` wxMultiCellSizer::SetColumnWidth

`w` wxmulticellsizersetcolumnwidth

`b` rowse00064

`K` wxMultiCellSizer SetColumnWidth

`E` nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")

`K` SetColumnWidth

`$#+K! wxMultiCellSizer::SetDefaultCellSize`

`bool SetDefaultCellSize(wxSize size)K`

---

`wxMultiCellSizer::SetDefaultCellSize`

`wxmulticellsizersetdefaultcellsize`

`rowse00065`

`K wxMultiCellSizer SetDefaultCellSize`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K SetDefaultCellSize`

`$#+K! wxMultiCellSizer::SetGridPen`

`bool SetGridPen(wxPen* pen)K`

---

`wxMultiCellSizer::SetGridPen`

`wxmulticellsizersetgridpen`

`browse00066`

`K wxMultiCellSizer SetGridPen`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K SetGridPen`

`$#+K! wxMultiCellSizer::SetRowHeight`

`bool SetRowHeight(int row, int rowSize = 5, bool expandable = FALSE)K`

---

`w_xMultiCellSizer::SetRowHeight`

`w_xmulticellsizersetrowheight`

`b_rowse00067`

`K wxMultiCellSizer SetRowHeight`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxmulticellsizer')")`

`K SetRowHeight`

**`$#+K!` wxRemotelyScrolledTreeCtrl::wxRemotelyScrolledTreeCtrl**

**`wxRemotelyScrolledTreeCtrl(wxWindow* parent, wxWindowID id, const wxPoint& pt = wxDefaultPosition, const wxSize& sz = wxDefaultSize, long style = wxTR_HAS_BUTTONS)`<sup>K</sup>**

---

`w`xRemotelyScrolledTreeCtrl::wxRemotelyScrolledTreeCtrl  
`w`xremotelyscrolledtreectrlwxremotelyscrolledtreectrl  
`b`rowse00069  
`K` wxRemotelyScrolledTreeCtrl wxRemotelyScrolledTreeCtrl  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")  
`K` wxRemotelyScrolledTreeCtrl

**\$#+K! wxRemotelyScrolledTreeCtrl::~wxRemotelyScrolledTreeCtrl**

**~wxRemotelyScrolledTreeCtrl()**<sup>K</sup>

---

<sup>w</sup>xRemotelyScrolledTreeCtrl::~wxRemotelyScrolledTreeCtrl  
<sup>w</sup>xremotelyscrolledtreectrltor  
<sup>b</sup>rowse00070  
<sup>K</sup> wxRemotelyScrolledTreeCtrl ~wxRemotelyScrolledTreeCtrl  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")  
<sup>K</sup> ~wxRemotelyScrolledTreeCtrl

**`wxRemotelyScrolledTreeCtrl::AdjustRemoteScrollbars`**

**`void AdjustRemoteScrollbars()`**<sup>K</sup>

Adjust the containing wxScrolledWindow's scrollbars appropriately

---

`wxRemotelyScrolledTreeCtrl::AdjustRemoteScrollbars`

`wxremotelyscrolledtreectrladjustremotescrollbars`

`rowse00071`

`wxRemotelyScrolledTreeCtrl AdjustRemoteScrollbars`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")`

`AdjustRemoteScrollbars`

`$#+K!` **wxRemotelyScrolledTreeCtrl::CalcTreeSize**

**void CalcTreeSize(const wxTreeItemId& id, wxRect& rect)<sup>K</sup>**

**void CalcTreeSize(wxRect& rect)<sup>K</sup>**

Calculate the tree overall size so we can set the scrollbar correctly

---

`w`xRemotelyScrolledTreeCtrl::CalcTreeSize

`w`xremotelyscrolledtreectrlcalctreesize

`b`rowse00072

`K` wxRemotelyScrolledTreeCtrl CalcTreeSize

`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl')")

`K` CalcTreeSize

`K` CalcTreeSize

`$#+KKl wxRemotelyScrolledTreeCtrl::GetCompanionWindow`

`wxWindow* GetCompanionWindow() const`

---

`wxRemotelyScrolledTreeCtrl::GetCompanionWindow`

`wxremotelyscrolledtreectrlgetcompanionwindow`

`rowse00073`

`K wxRemotelyScrolledTreeCtrl GetCompanionWindow`

`K GetCompanionWindow`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")`

`$#+KKl wxRemotelyScrolledTreeCtrl::GetScrollPos`

`int GetScrollPos(int orient) const`

In case we're using the generic tree control.

---

`w_xRemotelyScrolledTreeCtrl::GetScrollPos`  
`w_xremotelyscrolledtreectrlgetscrollpos`  
`browse00074`  
`K wxRemotelyScrolledTreeCtrl GetScrollPos`  
`K GetScrollPos`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")`

`##+KK1 wxRemotelyScrolledTreeCtrl::GetScrolledWindow`

`wxScrolledWindow* GetScrolledWindow() const`

Find the scrolled window that contains this control

---

`w`xRemotelyScrolledTreeCtrl::GetScrolledWindow  
`w`xremotelyscrolledtreectrlgetscrolledwindow  
`b`rowse00075  
`K` wxRemotelyScrolledTreeCtrl GetScrolledWindow  
`K` GetScrolledWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")

`$#+KKl wxRemotelyScrolledTreeCtrl::GetViewStart`

`void GetViewStart(int* x, int* y) const`

In case we're using the generic tree control. Get the view start

---

`w_xRemotelyScrolledTreeCtrl::GetViewStart`

`w_xremotelyscrolledtreectrlgetviewstart`

`browse00076`

`K wxRemotelyScrolledTreeCtrl GetViewStart`

`K GetViewStart`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")`

**`wxRemotelyScrolledTreeCtrl::HideVScrollbar`**

**`void HideVScrollbar()`**<sup>K</sup>

Helpers

---

<sup>w</sup>`wxRemotelyScrolledTreeCtrl::HideVScrollbar`

<sup>w</sup>`xremotelyscrolledtreectrlhidevscrollbar`

<sup>b</sup>`rowse00077`

<sup>K</sup> `wxRemotelyScrolledTreeCtrl HideVScrollbar`

<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")`

<sup>K</sup> `HideVScrollbar`

**`wxRemotelyScrolledTreeCtrl::OnExpand`**

**`void OnExpand(wxTreeEvent& event)`**<sup>K</sup>

---

<sup>w</sup>`wxRemotelyScrolledTreeCtrl::OnExpand`

<sup>w</sup>`xremotelyscrolledtreectrlonexpand`

<sup>b</sup>`rowse00078`

<sup>K</sup>`wxRemotelyScrolledTreeCtrl OnExpand`

<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")`

<sup>K</sup>`OnExpand`

**`$#+K!` wxRemotelyScrolledTreeCtrl::OnPaint**

**`void OnPaint(wxPaintEvent& event)`<sup>K</sup>**

---

<sup>w</sup>xRemotelyScrolledTreeCtrl::OnPaint

<sup>w</sup>xremotelyscrolledtreectrlonpaint

<sup>b</sup>rowse00079

<sup>K</sup> wxRemotelyScrolledTreeCtrl OnPaint

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")

<sup>K</sup> OnPaint

**`wxRemotelyScrolledTreeCtrl::OnScroll`**

**`void OnScroll(wxScrollWinEvent& event)`**

---

`wxRemotelyScrolledTreeCtrl::OnScroll`

`wxremotelyscrolledtreectrlonscroll`

`browse00080`

`wxRemotelyScrolledTreeCtrl OnScroll`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")`

`OnScroll`

`$$$K! wxRemotelyScrolledTreeCtrl::OnSize`

`void OnSize(wxSizeEvent& event)K`

Events

---

`w_xRemotelyScrolledTreeCtrl::OnSize`  
`w_xremotelyscrolledtreectrlonsize`  
`b_rowse00081`  
`K wxRemotelyScrolledTreeCtrl OnSize`  
`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")`  
`K OnSize`

`$#+K! wxRemotelyScrolledTreeCtrl::PrepareDC`

`void PrepareDC(wxDC& dc)K`

In case we're using the generic tree control.

---

`w_xRemotelyScrolledTreeCtrl::PrepareDC`

`w_xremotelyscrolledtreectrlpreparedc`

`b_rowse00082`

`K wxRemotelyScrolledTreeCtrl PrepareDC`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")`

`K PrepareDC`

**`$#+K!` wxRemotelyScrolledTreeCtrl::ScrollToLine**

**`void ScrollToLine(int posHoriz, int posVert)`<sup>K</sup>**

Scroll to the given line (in scroll units where each unit is the height of an item)

---

<sup>w</sup> wxRemotelyScrolledTreeCtrl::ScrollToLine

<sup>w</sup> wxremotelyscrolledtreectrlscrolltoline

<sup>b</sup> rowse00083

<sup>K</sup> wxRemotelyScrolledTreeCtrl ScrollToLine

<sup>E</sup> enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")

<sup>K</sup> ScrollToLine

`$#+K!` **wxRemotelyScrolledTreeCtrl::SetCompanionWindow**

**void SetCompanionWindow(wxWindow\* *companion*)<sup>K</sup>**

Accessors The companion window is one which will get notified when certain events happen such as node expansion

---

`w`xRemotelyScrolledTreeCtrl::SetCompanionWindow  
`w`xremotelyscrolledtreectrlsetcompanionwindow  
`b`rowse00084  
`K` wxRemotelyScrolledTreeCtrl SetCompanionWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxremotelyscrolledtreectrl)")  
`K` SetCompanionWindow

**`wxRemotelyScrolledTreeCtrl::SetScrollbars`**

**`void SetScrollbars(int pixelsPerUnitX, int pixelsPerUnitY, int noUnitsX, int noUnitsY, int xPos = 0, int yPos = 0, bool noRefresh = FALSE)`**<sup>K</sup>

Overrides Override this in case we're using the generic tree control. Calls to this should disable the vertical scrollbar. Number of pixels per user unit (0 or -1 for no scrollbar)  
Length of virtual canvas in user units Length of page in user units

---

<sup>w</sup>`wxRemotelyScrolledTreeCtrl::SetScrollbars`  
<sup>w</sup>`wxremotelyscrolledtreectrlsetsrollbars`  
<sup>b</sup>`rowse00085`  
<sup>K</sup> `wxRemotelyScrolledTreeCtrl SetScrollbars`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxremotelyscrolledtreectrl)")`  
<sup>K</sup> `SetScrollbars`

<sup>S#+K!</sup>**wxSplitterScrolledWindow::wxSplitterScrolledWindow**

**wxSplitterScrolledWindow**(**wxWindow\*** *parent*, **wxWindowID** *id = -1*, **const wxPoint&** *pos = wxDefaultPosition*, **const wxSize&** *sz = wxDefaultSize*, **long** *style = 0*)<sup>K</sup>

---

<sup>w</sup>wxSplitterScrolledWindow::wxSplitterScrolledWindow  
<sup>w</sup>wxsplitter scrolledwindowwxsplitter scrolledwindow  
<sup>b</sup>rowse00087  
<sup>K</sup>wxSplitterScrolledWindow wxSplitterScrolledWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxsplitter scrolledwindow')")  
<sup>K</sup>wxSplitterScrolledWindow

**`wxSplitterScrolledWindow::OnScroll`**

**`void OnScroll(wxScrollWinEvent& event)`**<sup>K</sup>

Overrides Events

---

<sup>w</sup>`wxSplitterScrolledWindow::OnScroll`

<sup>w</sup>`wxsplitter scrolled window scroll`

<sup>b</sup>`rowse00088`

<sup>K</sup>`wxSplitterScrolledWindow OnScroll`

<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxsplitter scrolled window')")`

<sup>K</sup>`OnScroll`

**`$#+K!` wxSplitterScrolledWindow::OnSize**

**`void OnSize(wxSizeEvent& event)`<sup>K</sup>**

---

<sup>w</sup> wxSplitterScrolledWindow::OnSize

<sup>w</sup> wxsplitterscrolledwindow::size

<sup>b</sup> rowse00089

<sup>K</sup> wxSplitterScrolledWindow OnSize

<sup>E</sup> enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxsplitterscrolledwindow')")

<sup>K</sup> OnSize

`$#+K!` **wxThinSplitterWindow::wxThinSplitterWindow**

**wxThinSplitterWindow**(**wxWindow\*** *parent*, **wxWindowID** *id* = -1, **const wxPoint&** *pos* = *wxDefaultPosition*, **const wxSize&** *sz* = *wxDefaultSize*, **long style** = **wxSP\_3D | wxCLIP\_CHILDREN**)<sup>K</sup>

---

`w`xThinSplitterWindow::wxThinSplitterWindow  
`w`xthinsplitterwindowwxthinsplitterwindow  
`b`rowse00091  
`K` wxThinSplitterWindow wxThinSplitterWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxthinsplitterwindow')")  
`K` wxThinSplitterWindow

`$#+K! wxThinSplitterWindow::DrawSash`

`void DrawSash(wxDC& dc)K`

---

`w_xThinSplitterWindow::DrawSash  
w_xthinsplitterwindowdrawsash  
b_rowse00092  
K wxThinSplitterWindow DrawSash  
E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxthinsplitterwindow')")  
K DrawSash`

`wxThinSplitterWindow::OnSize`

`void OnSize(wxSizeEvent& event)`

Events

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`wxThinSplitterWindow::OnSize`

`wxthinsplitterwindow::size`

`rowse00093`

`wxThinSplitterWindow OnSize`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxthinsplitterwindow')")`

`OnSize`

`$#+K!` **wxThinSplitterWindow::SashHitTest**

**bool SashHitTest(int x, int y, int tolerance = 2)**<sup>K</sup>

Tests for x, y over sash. Overriding this allows us to increase the tolerance.

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`w`xThinSplitterWindow::SashHitTest  
`w`xthinsplitterwindowsashittest  
`b`rowse00094  
`K` wxThinSplitterWindow SashHitTest  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxthinsplitterwindow')")  
`K` SashHitTest

`$#+K!` **wxThinSplitterWindow::SizeWindows**

**void SizeWindows()**<sup>K</sup>

Overrides

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`w`xThinSplitterWindow::SizeWindows

`w`xthinsplitterwindowsizewindows

`b`rowse00095

`K` wxThinSplitterWindow SizeWindows

`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxthinsplitterwindow')")

`K` SizeWindows

`$#+K!` **wxTreeCompanionWindow::wxTreeCompanionWindow**

**wxTreeCompanionWindow**(**wxWindow\*** *parent*, **wxWindowID** *id = -1*, **const wxPoint&** *pos = wxDefaultPosition*, **const wxSize&** *sz = wxDefaultSize*, **long** *style = 0*)<sup>K</sup>

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`w`xTreeCompanionWindow::wxTreeCompanionWindow  
`w`xtreecompanionwindowwxtreecompanionwindow  
`b`rowse00097  
`K` wxTreeCompanionWindow wxTreeCompanionWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wxtreecompanionwindow')")  
`K` wxTreeCompanionWindow

**wxTreeCompanionWindow::DrawItem**

**void DrawItem(wxDC& *dc*, wxTreeItemId *id*, const wxRect& *rect*)<sup>K</sup>**

Overrides

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<sup>w</sup>xTreeCompanionWindow::DrawItem

<sup>w</sup>xtreecompanionwindowdrawitem

<sup>b</sup>rowse00098

<sup>K</sup> wxTreeCompanionWindow DrawItem

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `xtreecompanionwindow')")

<sup>K</sup> DrawItem

`$#+KKl wxTreeCompanionWindow::GetTreeCtrl`

`wxRemotelyScrolledTreeCtrl* GetTreeCtrl() const`

Operations Accessors

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`w_xTreeCompanionWindow::GetTreeCtrl`

`w_xtreecompanionwindowgettreectrl`

`browse00099`

`K wxTreeCompanionWindow GetTreeCtrl`

`K GetTreeCtrl`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^gizmos.hlp', `wxtreecompanionwindow')")`

**`$#+K!` wxTreeCompanionWindow::OnExpand**

**`void OnExpand(wxTreeEvent& event)`<sup>K</sup>**

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`w`xTreeCompanionWindow::OnExpand  
`w`xtreecompanionwindowonexpand  
`b`rowse00100  
`K` wxTreeCompanionWindow OnExpand  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `xtreecompanionwindow')")  
`K` OnExpand

`$#+K!` **wxTreeCompanionWindow::OnPaint**

**void OnPaint(wxPaintEvent& *event*)**<sup>K</sup>

Events

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<sup>w</sup>xTreeCompanionWindow::OnPaint

<sup>w</sup>xtreecompanionwindowonpaint

<sup>b</sup>rowse00101

<sup>K</sup> wxTreeCompanionWindow OnPaint

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `xtreecompanionwindow')")

<sup>K</sup> OnPaint

`$#+K! wxTreeCompanionWindow::OnScroll`

`void OnScroll(wxScrollWinEvent& event)K`

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`w_xTreeCompanionWindow::OnScroll  
w_xtreecompanionwindowonscroll  
b_rowse00102  
K wxTreeCompanionWindow OnScroll  
E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `wtreecompanionwindow')")  
K OnScroll`

**`$#+K!` wxTreeCompanionWindow::SetTreeCtrl**

**`void SetTreeCtrl(wxRemotelyScrolledTreeCtrl* treeCtrl)`**<sup>K</sup>

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`w`xTreeCompanionWindow::SetTreeCtrl  
`w`xtreecompanionwindowsettreectrl  
`b`rowse00103  
`K` wxTreeCompanionWindow SetTreeCtrl  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`gizmos.hlp', `xtreecompanionwindow')")  
`K` SetTreeCtrl





