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## FL: a Frame Layout Framework

by Aleksandras Gluchovas and others

January 2nd 2002

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## **Copyright notice**

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<sup>K</sup> Alphabetical class reference

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

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cbResizeRowEvent  
cbRightDownEvent  
cbRightUpEvent  
cbRowDragPlugin  
cbRowInfo  
cbRowLayoutPlugin  
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LayoutManagerBase  
wxNewBitmapButton  
wxToolLayoutItem  
wxToolWindow

## **Classes by category**

A classification of FL classes by category.

### **Plugin classes**

Plugins can be added to frame layouts to extend behaviour.

|  |  |
|--|--|
| <u><a href="#">cbAntiflickerPlugin</a></u>         | Double-buffering class   |
| <u><a href="#">cbBarDragPlugin</a></u>             | Implements drag behaviour.   |
| <u><a href="#">cbBarHintsPlugin</a></u>            | Implements bar decoration and sizing behaviour.  |
| <u><a href="#">cbHintAnimationPlugin</a></u>       | Draws animated hints when the user drags a pane.   |
| <u><a href="#">cbPaneDrawPlugin</a></u>            | Implements most of MFC-style control bar implementation.   |
| <u><a href="#">cbPluginBase</a></u>                | Abstract base class for all control-bar related plugins.   |
| <u><a href="#">cbRowDragPlugin</a></u>             | Implements row-dragging functionality.   |
| <u><a href="#">cbRowLayoutPlugin</a></u>           | Implements row layout functionality.   |
| <u><a href="#">cbSimpleCustomizationPlugin</a></u> | Enables customization of a bar.  |
| <u><a href="#">cbBarSpy</a></u>                    | Helper class used for spying for unhandled mouse events on control bars and forwarding them to the frame layout. |

### **Window classes**

Windows classes (note that the mini-button implementations are not true windows in that they do not derive from wxWindow).

|   |   |
|---|---|
| <u><a href="#">wxToolWindow</a></u>       | A small frame that paints its own titlebar.           |
| <u><a href="#">cbFloatedBarWindow</a></u> | A kind of wxToolWindow implementing floating windows. |
| <u><a href="#">cbMiniButton</a></u>       | Base class for wxToolWindow titlebar buttons.         |
| <u><a href="#">cbCloseBox</a></u>         | Close button for wxToolWindow titlebar.               |
| <u><a href="#">cbCollapseBox</a></u>      | Collapse button for wxToolWindow titlebar.            |

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<sup>C</sup>lasses by category

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<sup>b</sup>rowse00609

<sup>K</sup> Classes by category

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

|                          |   |
|--------------------------|---|
| <u>cbDockBox</u>         | Dock button for wxToolWindow titlebar.  |
| <u>cbCloseBox</u>        | Close button for wxToolWindow titlebar. |
| <u>wxNewBitmapButton</u> | Alternative bitmap button class.        |

## Layout management classes

These classes relate to the layout management framework.

|                             |  |
|-----------------------------|--|
| <u>cbDockPane</u>           | Manages containment and control of bars in a parent frame.   |
| <u>BagLayout</u>            | BagLayout lays out items in left-to-right order from top to bottom.  |
| <u>cbUpdatesManagerBase</u> | An abstract interface for display update optimization logic.   |
| <u>cbSimpleUpdatesMgr</u>   | Implements optimized logic for refreshing areas of frame layout that need to be updated.   |
| <u>cbGCUpdatesMgr</u>       | Implements optimized logic for refresh, based on a garbage collection algorithm.   |
| <u>GarbageCollector</u>     | A garbage collection algorithm for use in display refresh optimization.  |
| <u>wxFrameLayout</u>        | Manages containment and docking of control bars, which can be docked along the top, bottom, right, or left side of the parent frame. |

## Event classes

Events are used to decouple parts of the layout framework. For event macros and identifiers, please see the topic Event macros and identifiers.

|                                |   |
|--------------------------------|---|
| <u>cbCustomizeBarEvent</u>     | Class for bar customization events.       |
| <u>cbCustomizeLayoutEvent</u>  | Class for layout customization events.    |
| <u>cbDrawBarDecorEvent</u>     | Class for bar decoration drawing events.  |
| <u>cbDrawBarHandlesEvent</u>   | Class for bar handles drawing events.     |
| <u>cbDrawHintRectEvent</u>     | Class for hint-rectangle drawing events.  |
| <u>cbDrawPaneBkGroundEvent</u> | Class for pane background drawing events. |
| <u>cbDrawPaneDecorEvent</u>    | Class for pane decoration drawing events. |
| <u>cbDrawRowBkGroundEvent</u>  | Class for row background drawing events.  |
| <u>cbDrawRowDecorEvent</u>     | Class for row decoration drawing events.  |

|                                |   |
|--------------------------------|---|
| <u>cbDrawRowHandlesEvent</u>   | Class for row handles drawing events.         |
| <u>cbFinishDrawInAreaEvent</u> | Class for finish drawing in area events.      |
| <u>cbInsertBarEvent</u>        | Class for bar insertion events.               |
| <u>cbLayoutRowEvent</u>        | Class for single row layout events.           |
| <u>cbLayoutRowsEvent</u>       | Class for multiple rows layout events.        |
| <u>cbLeftDClickEvent</u>       | Class for mouse left double click events.     |
| <u>cbLeftDownEvent</u>         | Class for mouse left down events.             |
| <u>cbLeftUpEvent</u>           | Class for mouse left up events.               |
| <u>cbMotionEvent</u>           | Class for mouse motion events.                |
| <u>cbPluginEvent</u>           | Base class for all control-bar plugin events. |
| <u>cbRemoveBarEvent</u>        | Class for bar removal events.                 |
| <u>cbResizeBarEvent</u>        | Class for bar resize events.                  |
| <u>cbResizeRowEvent</u>        | Class for row resize events.                  |
| <u>cbRightDownEvent</u>        | Class for mouse right down events.            |
| <u>cbRightUpEvent</u>          | Class for mouse right up events.              |
| <u>cbSizeBarWndEvent</u>       | Class for bar window resize events.           |
| <u>cbStartBarDraggingEvent</u> | Class for start-bar-dragging events.          |
| <u>cbStartDrawInAreaEvent</u>  | Class for start drawing in area events.       |



## **Topic overviews**

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

[Notes on using the reference](#)

[Event macros and identifiers](#)

[FAQ](#)

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Topic overviews

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Topic overviews

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## What is FL?

This manual describes FL (Frame Layout), a class library for managing sophisticated window layout, with panes that can be moved around the main window and customized. FL handles many decoration and dragging issues, giving applications the kind of docking facilities that Visual C++ and Netscape Navigator possess.

FL was written by Aleksandras Gluchovas, and is heavily used in wxWorkshop which he also wrote the bulk of.

**Please note** that this guide is in its infancy, and contributions from FL users are very welcome.

The following screenshot (from fl\_demo1) shows a frame with a number of bars that can be dragged around. The vertical grippers with two lines allow a bar to be dragged in that row, changing the ordering of the bar if necessary. The dotted grippers (as in Netscape Navigator) allow a whole row to be moved, again changing the position of the row if required. While moving a bar or row, immediate feedback is given as the moving bar displaces other bars.

Other features: the splitter bar shows a dotted thick line as it's dragged. Single-clicking on a row handle minimizes it to a horizontal tab which is given its own narrow row. This allows the user to temporarily hide a row while allowing quick access to it when required.

A close button (x) hides a bar completely. You can get it back again by right-clicking and selecting the appropriate menu item.

A left, right, up or down arrow button expands the pane in that direction.

{bmc screen01.bmp}

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What is FL?

What is FL?

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What is FL?

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `introduction')")

## **Compiling and using FL**

FL can be found under the 'contrib' hierarchy, in the following directories:

```
contrib/src/fl
contrib/include/wx/fl
contrib/samples/fl
contrib/docs/latex/fl
docs/html/fl
docs/htmlhelp/fl.chm
docs/pdf/fl.pdf
docs/winhelp/fl.hlp
```

To compile FL:

{bmc bullet.bmp} Under Windows using VC++, open the flVC.dsw project and compile.

{bmc bullet.bmp} Under Unix, FL should be configured when you configured wxWindows. Make FL by changing directory to contrib/src/fl and type 'make'.

**Note:** there is currently a problem with the wxWindows build system that means that only the static version of library can be built at present.

To use FL:

{bmc bullet.bmp} Under Windows using VC++, link with fl[d].lib.

{bmc bullet.bmp} Under Unix, link with libfl[d].a.

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C Compiling and using FL

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b rowse00005

K Compiling and using FL

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

## **FL concepts**

These are typical steps when adding FL functionality to your application.

- {bmc bullet.bmp} include the appropriate header files;
- {bmc bullet.bmp} create a new wxFrameLayout passing the top-level frame and the window that is interpreted as the main 'client' window;
- {bmc bullet.bmp} set an updates manager for optimizing drag operations;
- {bmc bullet.bmp} add plugins for implementing various features;
- {bmc bullet.bmp} add bars;
- {bmc bullet.bmp} enable floating mode for the layout if required;
- {bmc bullet.bmp} delete the frame layout in the main frame's destructor.

The following is taken from fl\_demo1 and shows the main code implementing the user interface as illustrated in What is FL?.

```
// fl headers
#include "wx/fl/controlbar.h"          // core API

// extra plugins
#include "wx/fl/barhintspl.h"         // bevel for bars with "X"s and
grooves
#include "wx/fl/rowdragpl.h"          // NC-look with draggable rows
#include "wx/fl/cbcustom.h"           // customization plugin
#include "wx/fl/hintanimpl.h"

// beauty-care
#include "wx/fl/gcupdatesmgr.h"       // smooth d&d
#include "wx/fl/antiflickpl.h"        // double-buffered repaint of
decorations
#include "wx/fl/dyntbar.h"            // auto-layout toolbar
#include "wx/fl/dyntbarhnd.h"         // control-bar dimension handler
for it

MyFrame::MyFrame(wxFrame *frame)
: wxFrame( frame, -1, "wxWindows 2.0 wxFrameLayout Test
Application", wxDefaultPosition,
wxSize( 700, 500 ),
wxCLIP_CHILDREN | wxMINIMIZE_BOX | wxMAXIMIZE_BOX |
wxTHICK_FRAME | wxSYSTEM_MENU | wxCAPTION,
"freimas" )
{
    mpClientWnd = CreateTextCtrl( "Client window" );
    mpLayout = new wxFrameLayout( this, mpClientWnd );
```

---

<sup>F</sup>L concepts

<sup>t</sup>opic2

<sup>b</sup>rowse00006

<sup>K</sup> FL concepts

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

```

mpLayout->SetUpdatesManager( new cbGCUpdatesMgr() );

// setup plugins for testing
mpLayout->PushDefaultPlugins();

mpLayout->AddPlugin( CLASSINFO( cbBarHintsPlugin ) ); // fancy
"X"es and bevel for bars
mpLayout->AddPlugin( CLASSINFO( cbHintAnimationPlugin ) );
mpLayout->AddPlugin( CLASSINFO( cbRowDragPlugin ) );
mpLayout->AddPlugin( CLASSINFO( cbAntiflickerPlugin ) );
mpLayout->AddPlugin( CLASSINFO( cbSimpleCustomizationPlugin )
);

// drop in some bars
cbDimInfo sizes0( 200,45, // when docked horizontally
                  200,85, // when docked vertically
                  175,35, // when floated
                  FALSE,  // the bar is not fixed-size
                  4,      // vertical gap (bar border)
                  4       // horizontal gap (bar border)
                );

cbDimInfo sizes1( 150,35, // when docked horizontally
                  150,85, // when docked vertically
                  175,35, // when floated
                  TRUE,   // the bar is not fixed-size
                  4,      // vertical gap (bar border)
                  4       // horizontal gap (bar border)
                );

cbDimInfo sizes2( 175,45, // when docked horizontally
                  175,37, // when docked vertically
                  170,35, // when floated
                  TRUE,   // the bar is not fixed-size
                  4,      // vertical gap (bar border)
                  4,      // horizontal gap (bar border)
                  new cbDynToolBarDimHandler()
                );

mpLayout->AddBar( CreateTextCtrl("Hello"), // bar window
                  sizes0, FL_ALIGN_TOP,    // alignment ( 0-
top,1-bottom, etc)
                  0,                      // insert into 0th
row (vert. position)
                  0,                      // offset from the
start of row (in pixels)
                  "InfoViewer1",         // name for
reference in customization pop-ups
                  TRUE
                );

mpLayout->AddBar( CreateTextCtrl("Bye"), // bar window
                  sizes0, FL_ALIGN_TOP,    // alignment ( 0-
top,1-bottom, etc)
                  1,                      // insert into 0th
row (vert. position)
                  0,                      // offset from the
start of row (in pixels)
                  "InfoViewer2",         // name for
reference in customization pop-ups
                  TRUE
                );

```

```

        mpLayout->AddBar( CreateTextCtrl("Fixed0"), // bar window
                           sizes1, FL_ALIGN_TOP,    // alignment ( 0-
top,1-bottom, etc)
                           0,                        // insert into 0th
row (vert. position)
                           0,                        // offset from the
start of row (in pixels)
                           "ToolBar1",              // name for
reference in customization pop-ups
                           TRUE
                           );

        wxDynamicToolBar* pToolBar = new wxDynamicToolBar();

        pToolBar->Create( this, -1 );

        // 1001-1006 ids of command events fired by added tool-buttons

        pToolBar->AddTool( 1001, BMP_DIR "new.bmp" );
        pToolBar->AddTool( 1002, BMP_DIR "open.bmp" );
        pToolBar->AddTool( 1003, BMP_DIR "save.bmp" );

        pToolBar->AddTool( 1004, BMP_DIR "cut.bmp" );
        pToolBar->AddTool( 1005, BMP_DIR "copy.bmp" );
        pToolBar->AddTool( 1006, BMP_DIR "paste.bmp" );

        mpLayout->AddBar( pToolBar,                  // bar window (can be
NULL)
                           sizes2, FL_ALIGN_TOP,    // alignment ( 0-
top,1-bottom, etc)
                           0,                        // insert into 0th row
(ver. position)
                           0,                        // offset from the
start of row (in pixels)
                           "ToolBar2",              // name for reference
in customization pop-ups
                           FALSE
                           );

        mpLayout->EnableFloating( TRUE ); // off, thinking about
wxGtk...
    }

MyFrame::~MyFrame()
{
    if ( mpLayout)
        delete mpLayout; // should be destroyed manually
}

```

## **Controlling dragging behaviour**

Various pane-dragging behaviours are supported. FL can show an outline of where the window would be docked if you stopped dragging at that point.

This is a list of properties of interest in the `cbCommonPaneProperties` structure:

```
bool mRealTimeUpdatesOn;      // default: ON
bool mOutOfPaneDragOn;       // default: ON
bool mExactDockPredictionOn; // default: OFF
bool mNonDestructFrictionOn; // default: OFF
```

To get behaviour similar to Microsoft's DevStudio drag-ghost behaviour, `mRealTimeUpdatesOn` have to be set to `FALSE`, for example:

```
cbCommonPaneProperties props;
....
....
props.mRealTimeUpdatesOn = FALSE;
fl->SetPaneProperties( props, wxALL_PANES );
```

`mOutOfPaneDragOn` specifies whether bars can be dragged away from this pane. (Note: this may not currently be working.)

`mExactDockPredictionOn` is only relevant when `mRealTimeUpdatesOn` is `FALSE`, and then the hint rectangle behaves a little jumpily. It tries to show exactly how the bar would look and where it would be docked if the dragging finished right now, i.e. the final position, with all the 'friction-physics' calculated. Otherwise the hint flies smoothly above the surface only hinting whether the bar will be docked vertically or horizontally if dropped now. This is a feature you won't find anywhere else!

`mNonDestructFrictionOn` causes the bars not being dragged to stay where they are, while the currently dragged one is 'diving' through the underlying panes, docking itself in and out in real time. Otherwise the stationary bars would be pushed around messing up the composition permanently. This flag is irrelevant when `mRealTimeUpdatesOn` is `FALSE`, as the ghost-rect does not do any docking until the drag finishes.

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<sup>C</sup>ontrolling dragging behaviour

<sup>c</sup>ontrollingdragbehav

<sup>b</sup>rowse00007

<sup>K</sup> Controlling dragging behaviour

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



## **BagLayout**

BagLayout lays out items in left-to-right order from top to bottom.

### **Derived from**

LayoutManagerBase

### **Include files**

<wx/fl/dyntbar.h>

### **Data structures**

### **Members**

BagLayout::Layout

---

B  
agLayout  
b  
aglayout  
b  
rowse00009  
K  
BagLayout  
E  
nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")

`$$$K!wxBarIterator`

Used for traversing through all bars of all rows in the pane.

### Derived from

No base class

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[wxBarIterator::wxBarIterator](#)

[wxBarIterator::BarInfo](#)

[wxBarIterator::Next](#)

[wxBarIterator::Reset](#)

[wxBarIterator::RowInfo](#)

---

`wxBarIterator`

`wxbariterator`

`rowse00011`

`K wxBarIterator`

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

## `$$$K!cbAntiflickerPlugin`

Implements double-buffering to reduce flicker. Bitmap and memory DC buffers are shared 'resources' among all instances of antiflicker plugins within the application.

Locking for multithreaded applications is not yet implemented.

### Derived from

[cbPluginBase](#)

### Include files

<wx/fl/antiflickpl.h>

### Data structures

### Members

[cbAntiflickerPlugin::cbAntiflickerPlugin](#)  
[cbAntiflickerPlugin::~~cbAntiflickerPlugin](#)  
[cbAntiflickerPlugin::AllocNewBuffer](#)  
[cbAntiflickerPlugin::FindSuitableBuffer](#)  
[cbAntiflickerPlugin::GetClientDC](#)  
[cbAntiflickerPlugin::GetWindowDC](#)  
[cbAntiflickerPlugin::OnFinishDrawInArea](#)  
[cbAntiflickerPlugin::OnStartDrawInArea](#)

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`c_bAntiflickerPlugin`

`c_bantiflickerplugin`

`b_rowse00017`

`K cbAntiflickerPlugin`

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

## `$$$K!cbBarDimHandlerBase`

Abstract interface for bar-size handler classes. These objects receive notifications whenever the docking state of the bar is changed, thus they provide the possibility to adjust the values in `cbDimInfo::mSizes` accordingly. Specific handlers can be hooked up to specific types of bar.

### Derived from

[wxObject](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[cbBarDimHandlerBase::cbBarDimHandlerBase](#)  
[cbBarDimHandlerBase::AddRef](#)  
[cbBarDimHandlerBase::OnChangeBarState](#)  
[cbBarDimHandlerBase::OnResizeBar](#)  
[cbBarDimHandlerBase::RemoveRef](#)

---

`c_bBarDimHandlerBase`

`c_bbardimhandlerbase`

`b_rowse00026`

`K cbBarDimHandlerBase`

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

## **\$\$\$K!cbBarDragPlugin**

Plugin class implementing bar dragging.

### **Derived from**

[cbPluginBase](#)

### **Include files**

<wx/fl/bardragpl.h>

### **Data structures**

### **Members**

[cbBarDragPlugin::cbBarDragPlugin](#)  
[cbBarDragPlugin::~~cbBarDragPlugin](#)  
[cbBarDragPlugin::AdjustHintRect](#)  
[cbBarDragPlugin::CalcOnScreenDims](#)  
[cbBarDragPlugin::ClipPosInFrame](#)  
[cbBarDragPlugin::ClipRectInFrame](#)  
[cbBarDragPlugin::DoDrawHintRect](#)  
[cbBarDragPlugin::DrawHintRect](#)  
[cbBarDragPlugin::EraseHintRect](#)  
[cbBarDragPlugin::FinishTracking](#)  
[cbBarDragPlugin::GetBarHeightInPane](#)  
[cbBarDragPlugin::GetBarWidthInPane](#)  
[cbBarDragPlugin::GetDistanceToPane](#)  
[cbBarDragPlugin::HitTestPanes](#)  
[cbBarDragPlugin::HitsPane](#)  
[cbBarDragPlugin::IsInClientArea](#)  
[cbBarDragPlugin::IsInOtherPane](#)  
[cbBarDragPlugin::OnDrawHintRect](#)  
[cbBarDragPlugin::OnLButtonDown](#)  
[cbBarDragPlugin::OnLButtonUp](#)  
[cbBarDragPlugin::OnLDbClick](#)  
[cbBarDragPlugin::OnMouseMove](#)  
[cbBarDragPlugin::OnStartBarDragging](#)  
[cbBarDragPlugin::RectToScr](#)  
[cbBarDragPlugin::ShowHint](#)  
[cbBarDragPlugin::StartTracking](#)  
[cbBarDragPlugin::StickToPane](#)  
[cbBarDragPlugin::UnstickFromPane](#)

---

<sup>c</sup>bBarDragPlugin

<sup>c</sup>bbardragplugin

<sup>b</sup>rowse00032

<sup>K</sup> cbBarDragPlugin

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

## \$#+K! **cbBarHintsPlugin**

This class intercepts bar-decoration and sizing events, and draws 3D hints around fixed and flexible bars, similar to those in Microsoft DevStudio 6.x

### **Derived from**

[cbPluginBase](#)

### **Include files**

<wx/fl/barhintspl.h>

### **Data structures**

### **Members**

[cbBarHintsPlugin::cbBarHintsPlugin](#)  
[cbBarHintsPlugin::~~cbBarHintsPlugin](#)  
[cbBarHintsPlugin::CreateBoxes](#)  
[cbBarHintsPlugin::DoDrawHint](#)  
[cbBarHintsPlugin::Draw3DBox](#)  
[cbBarHintsPlugin::DrawCloseBox](#)  
[cbBarHintsPlugin::DrawCollapseBox](#)  
[cbBarHintsPlugin::DrawGrooves](#)  
[cbBarHintsPlugin::ExcludeHints](#)  
[cbBarHintsPlugin::GetHintsLayout](#)  
[cbBarHintsPlugin::HitTestHints](#)  
[cbBarHintsPlugin::OnDrawBarDecorations](#)  
[cbBarHintsPlugin::OnInitPlugin](#)  
[cbBarHintsPlugin::OnLeftDown](#)  
[cbBarHintsPlugin::OnLeftUp](#)  
[cbBarHintsPlugin::OnMotion](#)  
[cbBarHintsPlugin::OnSizeBarWindow](#)  
[cbBarHintsPlugin::SetGrooveCount](#)

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<sup>c</sup>bBarHintsPlugin

<sup>c</sup>bbarhintsplugin

<sup>b</sup>rowse00061

<sup>K</sup> cbBarHintsPlugin

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

## `$$$K!cbBarInfo`

Helper class used internally by the `wxFrameLayout` class. Holds and manages bar information.

### Derived from

[`wxObject`](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[`cbBarInfo::cbBarInfo`](#)  
[`cbBarInfo::~~cbBarInfo`](#)  
[`cbBarInfo::IsExpanded`](#)  
[`cbBarInfo::IsFixed`](#)

---

`c_bBarInfo`  
`c_bbarinfo`  
`browse00080`  
`K cbBarInfo`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## `cbBarShapeData`

Used for storing the original bar's positions in the row, when the 'non-destructive-friction' option is turned on.

### Derived from

[wxObject](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

---

```
c_bBarShapeData
c_bbarshapedata
b_rowse00085
K cbBarShapeData
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")
```



## `$$$K!cbBarSpy`

Helper class, used for spying for unhandled mouse events on control bars and forwarding them to the frame layout.

### Derived from

[wxEvtHandler](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

```
typedef cbBarInfo* BarInfoPtrT
forward declarations

typedef cbRowInfo* RowInfoPtrT
enumeration of hittest results, see cbDockPane::HitTestPanelItems(..)enum
CB_HITTEST_RESULT
{
    CB_NO_ITEMS_HITTED,

    CB_UPPER_ROW_HANDLE_HITTED,
    CB_LOWER_ROW_HANDLE_HITTED,
    CB_LEFT_BAR_HANDLE_HITTED,
    CB_RIGHT_BAR_HANDLE_HITTED,
    CB_BAR_CONTENT_HITTED
}
```

### Members

[cbBarSpy::cbBarSpy](#)

[cbBarSpy::ProcessEvent](#)

[cbBarSpy::SetBarWindow](#)

---

<sup>c</sup>bBarSpy

<sup>c</sup>bbarspy

<sup>b</sup>rowse00086

<sup>K</sup> cbBarSpy

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

## **`cbCloseBox`**

`cbCloseBox` is a window close button, used in a `wxToolWindow` titlebar.

### **Derived from**

[cbMiniButton](#)

### **Include files**

`<wx/fl/toolwnd.h>`

### **Data structures**

### **Members**

[cbCloseBox::Draw](#)

---

`cbCloseBox`

`bclosebox`

`rowse00090`

`cbCloseBox`

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

## **cbCollapseBox**

cbCollapseBox is a window collapse button, used in a wxToolWindow titlebar.

### **Derived from**

[cbMiniButton](#)

### **Include files**

<wx/fl/toolwnd.h>

### **Data structures**

### **Members**

[cbCollapseBox::Draw](#)

---

<sup>c</sup>bCollapseBox

<sup>c</sup>bcollapsebox

<sup>b</sup>rowse00092

<sup>K</sup> cbCollapseBox

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

## **cbCommonPaneProperties**

A structure holding configuration options, which are usually the same for all panes in a frame layout. For an explanation of the data members, please see [Controlling dragging behaviour](#).

### **Derived from**

[wxObject](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

```
class cbCommonPaneProperties : public wxObject
{
    DECLARE_DYNAMIC_CLASS( cbCommonPaneProperties )

    // Look-and-feel configuration

    bool mRealTimeUpdatesOn;      // default: ON
    bool mOutOfPaneDragOn;       // default: ON
    bool mExactDockPredictionOn; // default: OFF
    bool mNonDestructFrictionOn; // default: OFF

    bool mShow3DPaneBorderOn;     // default: ON

    // The following properties are reserved for the "future"

    bool mBarFloatingOn;          // default: OFF
    bool mRowProportionsOn;       // default: OFF
    bool mColProportionsOn;       // default: ON
    bool mBarCollapseIconsOn;     // default: OFF
    bool mBarDragHintsOn;         // default: OFF

    // Minimal dimensions for not-fixed bars in this pane (16x16
    default)

    wxSize mMinCBarDim;

    // Width/height of resizing sash

    int    mResizeHandleSize;

    // Default constructor.

    cbCommonPaneProperties(void);
};
```

---

<sup>c</sup>bCommonPaneProperties

<sup>c</sup>bcommonpaneproperties

<sup>b</sup>rowse00094

<sup>K</sup> cbCommonPaneProperties

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

## **cbCustomizeBarEvent**

Class for bar customization events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbCustomizeBarEvent::cbCustomizeBarEvent](#)

---

<sup>c</sup>bCustomizeBarEvent  
<sup>c</sup>bcustomizebarevent  
<sup>b</sup>rowse00095  
<sup>K</sup> cbCustomizeBarEvent  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")

`##+K!` **cbCustomizeLayoutEvent**

Class for layout customization events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbCustomizeLayoutEvent::cbCustomizeLayoutEvent](#)

---

`c`<sub>b</sub>CustomizeLayoutEvent

`c`<sub>b</sub>customizelayoutevent

`b`<sub>rowse</sub>00097

`K` cbCustomizeLayoutEvent

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

`$$$K!_cbDimInfo`

Helper class used internally by the wxFrameLayout class. Holds and manages information about bar dimensions.

### Derived from

[wxObject](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDimInfo::cbDimInfo](#)  
[cbDimInfo::~~cbDimInfo](#)  
[cbDimInfo::GetDimHandler](#)  
[cbDimInfo::operator=](#)

---

`c_bDimInfo`  
`c_bdiminfo`  
`b_rowse00099`  
`K_cbDimInfo`  
`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## `cbDockBox`

`cbDockBox` is a window dock button, used in a `wxToolWindow` titlebar.

### Derived from

[`cbMiniButton`](#)

### Include files

`<wx/fl/toolwnd.h>`

### Data structures

### Members

[`cbDockBox::Draw`](#)

---

`cbDockBox`

`cbdockbox`

`rowse00104`

`cbDockBox`

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



## `$$$K!cbDockPane`

This class manages containment and control of control bars along one of the four edges of the parent frame.

### Derived from

[wxObject](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDockPane::cbDockPane](#)  
[cbDockPane::~~cbDockPane](#)  
[cbDockPane::BarPresent](#)  
[cbDockPane::CalcLengthRatios](#)  
[cbDockPane::ContractBar](#)  
[cbDockPane::DoInsertBar](#)  
[cbDockPane::DrawHorizHandle](#)  
[cbDockPane::DrawVertHandle](#)  
[cbDockPane::ExpandBar](#)  
[cbDockPane::FinishDrawInArea](#)  
[cbDockPane::FrameToPane](#)  
[cbDockPane::GetAlignment](#)  
[cbDockPane::GetBarInfoByWindow](#)  
[cbDockPane::GetBarResizeRange](#)  
[cbDockPane::GetDockingState](#)  
[cbDockPane::GetFirstRow](#)  
[cbDockPane::GetMinimalRowHeight](#)  
[cbDockPane::GetNotFixedBarsCount](#)  
[cbDockPane::GetPaneHeight](#)  
[cbDockPane::GetRealRect](#)  
[cbDockPane::GetRow](#)  
[cbDockPane::GetRowAt](#)  
[cbDockPane::GetRowIndex](#)  
[cbDockPane::GetRowList](#)  
[cbDockPane::GetRowResizeRange](#)  
[cbDockPane::GetRowShapeData](#)  
[cbDockPane::GetRowY](#)  
[cbDockPane::HasNotFixedBarsLeft](#)

---

`c_bDockPane`

`c_bdockpane`

`b_rowse00106`

`K cbDockPane`

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

cbDockPane::HasNotFixedBarsRight  
cbDockPane::HasNotFixedRowsAbove  
cbDockPane::HasNotFixedRowsBelow  
cbDockPane::HasPoint  
cbDockPane::HitTestPanelItems  
cbDockPane::InitLinksForRow  
cbDockPane::InitLinksForRows  
cbDockPane::InsertBar  
cbDockPane::InsertRow  
cbDockPane::IsFixedSize  
cbDockPane::IsHorizontal  
cbDockPane::MatchesMask  
cbDockPane::PaintBar  
cbDockPane::PaintBarDecorations  
cbDockPane::PaintBarHandles  
cbDockPane::PaintPane  
cbDockPane::PaintPaneBackground  
cbDockPane::PaintPaneDecorations  
cbDockPane::PaintRow  
cbDockPane::PaintRowBackground  
cbDockPane::PaintRowDecorations  
cbDockPane::PaintRowHandles  
cbDockPane::PaneToFrame  
cbDockPane::RecalcLayout  
cbDockPane::RecalcRowLayout  
cbDockPane::RemoveBar  
cbDockPane::RemoveRow  
cbDockPane::ResizeBar  
cbDockPane::ResizeRow  
cbDockPane::SetBoundsInParent  
cbDockPane::SetMargins  
cbDockPane::SetPaneWidth  
cbDockPane::SetRowHeight  
cbDockPane::SetRowShapeData  
cbDockPane::SizeBar  
cbDockPane::SizePaneObjects  
cbDockPane::SizeRowObjects  
cbDockPane::StartDrawInArea  
cbDockPane::SyncRowFlags

**cbDrawBarDecorEvent**

Class for bar decoration drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDrawBarDecorEvent::cbDrawBarDecorEvent](#)

---

<sup>c</sup>bDrawBarDecorEvent

<sup>c</sup>bdrawbardecorevent

<sup>b</sup>rowse00174

<sup>K</sup> cbDrawBarDecorEvent

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

`$$$K!cbDrawBarHandlesEvent`

Class for bar handles drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[cbDrawBarHandlesEvent::cbDrawBarHandlesEvent](#)

---

`c_bDrawBarHandlesEvent`

`c_bdrawbarhandlesevent`

`b_rowse00176`

`K cbDrawBarHandlesEvent`

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

`$$$K!cbDrawHintRectEvent`

Class for hint-rectangle drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDrawHintRectEvent::cbDrawHintRectEvent](#)

---

`c_bDrawHintRectEvent`  
`c_bdrawhintrectevent`  
`b_rowse00178`  
`K cbDrawHintRectEvent`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## **`cbDrawPaneBkGroundEvent`**

Class for pane background drawing events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbDrawPaneBkGroundEvent::cbDrawPaneBkGroundEvent](#)

---

`cbDrawPaneBkGroundEvent`

`cbdrawpanebkgroundevent`

`rowse00180`

`cbDrawPaneBkGroundEvent`

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

## `$$$K!cbDrawPaneDecorEvent`

Class for pane decoration drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDrawPaneDecorEvent::cbDrawPaneDecorEvent](#)

---

`c_bDrawPaneDecorEvent`

`c_bdrawpanedecorevent`

`browse00182`

`K cbDrawPaneDecorEvent`

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

## **`cbDrawRowBkGroundEvent`**

Class for row background drawing events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbDrawRowBkGroundEvent::cbDrawRowBkGroundEvent](#)

---

`cbDrawRowBkGroundEvent`

`cbdrawrowbkgroundevent`

`rowse00184`

`cbDrawRowBkGroundEvent`

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



`$$$K!cbDrawRowDecorEvent`

Class for row decoration drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbDrawRowDecorEvent::cbDrawRowDecorEvent](#)

---

`c_bDrawRowDecorEvent`

`c_bdrawrowdecorevent`

`b_rowse00186`

`K cbDrawRowDecorEvent`

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

`$$$K!cbDrawRowHandlesEvent`

Class for row handles drawing events.

### Derived from

[cbPluginEvent](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[cbDrawRowHandlesEvent::cbDrawRowHandlesEvent](#)

---

`c_bDrawRowHandlesEvent`

`c_bdrawrowhandlesevent`

`b_rowse00188`

`K cbDrawRowHandlesEvent`

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

`$$$K!cbDynToolBarDimHandler`

Dynamic toolbar dimension handler.

### Derived from

[cbBarDimHandlerBase](#)

### Include files

<wx/fl/dyntbarhnd.h>

### Data structures

### Members

[cbDynToolBarDimHandler::OnChangeBarState](#)

[cbDynToolBarDimHandler::OnResizeBar](#)

---

`c_bDynToolBarDimHandler`

`c_bdyntoolbardimhandler`

`b_rowse00190`

`K cbDynToolBarDimHandler`

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

**`cbFinishDrawInAreaEvent`**

Class for finish drawing in area events.

**Derived from**

[cbPluginEvent](#)

**Include files**

<wx/fl/controlbar.h>

**Data structures**

**Members**

[cbFinishDrawInAreaEvent::cbFinishDrawInAreaEvent](#)

---

`cbFinishDrawInAreaEvent`

`cbfinishdrawinareaevent`

`rowse00193`

`cbFinishDrawInAreaEvent`

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

`##+K!` **cbFloatedBarWindow**

cbFloatedBarWindow is a kind of wxToolWindow, implementing floating toolbars.

### Derived from

[wxToolWindow](#)

### Include files

<wx/fl/toolwnd.h>

### Data structures

### Members

[cbFloatedBarWindow::cbFloatedBarWindow](#)  
[cbFloatedBarWindow::GetBar](#)  
[cbFloatedBarWindow::GetPreferredSize](#)  
[cbFloatedBarWindow::HandleTitleClick](#)  
[cbFloatedBarWindow::OnDbClick](#)  
[cbFloatedBarWindow::OnMiniButtonClicked](#)  
[cbFloatedBarWindow::PositionFloatedWnd](#)  
[cbFloatedBarWindow::SetBar](#)  
[cbFloatedBarWindow::SetLayout](#)

---

`c`<sub>bFloatedBarWindow</sub>

`c`<sub>bfloatedbarwindow</sub>

`b`<sub>rowse00195</sub>

`K`<sub>cbFloatedBarWindow</sub>

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

## `cbGCUpdatesMgr`

This class implements optimized logic for refreshing the areas of frame layout that actually need to be updated. It is used as the default updates manager by `wxFrameLayout`.

It is called 'Garbage Collecting' updates manager because its implementation tries to find out dependencies between bars, and to order them into a 'hierarchy'. This hierarchical sorting resembles the implementation of heap-garbage collectors, which resolve dependencies between references.

Example: there are situations where the order in which the user moves windows does matter.



Past/future positions of A and B windows completely overlap, i.e. depend on each other, and there is no solution for moving the windows without refreshing both of them -- we have a cyclic dependency here. The garbage collection algorithm will find this cyclic dependency and will force refresh after movement.



In this case past/future positions do not overlap, so it is enough only to move windows without refreshing them. Garbage collection will 'notice' this.

---

`cbGCUpdatesMgr`

`bgcupdatesmgr`

`rowse00205`

`cbGCUpdatesMgr`

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

There is also a third case, when overlapping is partial. In this case the refreshing can also be avoided by moving windows in the order of 'most-dependant' towards the 'least-dependent'. GC handles this automatically, by sorting windows by their dependency-level (or 'hierarchy').

See `garbagec.h` for more details of this method; `garbagec.h/cpp` implement sorting of generic dependencies and does not deal with graphical objects directly.

Summary: garbage collection improves performance when complex or large windows are moved around, by reducing the number of repaints. It also helps to avoid dirty non-client areas of moved windows in some special cases of 'overlapping anomalies'.

### **Derived from**

[cbSimpleUpdatesMgr](#)

### **Include files**

`<wx/fl/gcupdatesmgr.h>`

### **Data structures**

### **Members**

[cbGCUpdatesMgr::cbGCUpdatesMgr](#)  
[cbGCUpdatesMgr::AddItem](#)  
[cbGCUpdatesMgr::DoRepositionItems](#)  
[cbGCUpdatesMgr::OnStartChanges](#)  
[cbGCUpdatesMgr::UpdateNow](#)

## `$$$K!cbHintAnimationPlugin`

A plugin to draw animated hints when the user drags a pane.

### Derived from

[cbPluginBase](#)

### Include files

<wx/fl/hintanimpl.h>

### Data structures

### Members

[cbHintAnimationPlugin::cbHintAnimationPlugin](#)  
[cbHintAnimationPlugin::~~cbHintAnimationPlugin](#)  
[cbHintAnimationPlugin::DoDrawHintRect](#)  
[cbHintAnimationPlugin::DrawHintRect](#)  
[cbHintAnimationPlugin::EraseHintRect](#)  
[cbHintAnimationPlugin::FinishTracking](#)  
[cbHintAnimationPlugin::OnDrawHintRect](#)  
[cbHintAnimationPlugin::RectToScr](#)  
[cbHintAnimationPlugin::StartTracking](#)

---

`c_bHintAnimationPlugin`

`c_bhintanimationplugin`

`b_rowse00211`

`K cbHintAnimationPlugin`

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



`$$$K!cbInsertBarEvent`

Class for bar insertion events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbInsertBarEvent::cbInsertBarEvent](#)

---

`c_bInsertBarEvent`

`c_binsertbarevent`

`browse00221`

`K cbInsertBarEvent`

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

`$$$K!cbLayoutRowEvent`

Class for single row layout events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbLayoutRowEvent::cbLayoutRowEvent](#)

---

`c_bLayoutRowEvent`

`c_blayoutrowevent`

`b_rowse00223`

`K cbLayoutRowEvent`

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

`$$$K!cbLayoutRowsEvent`

Class for multiple rows layout events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbLayoutRowsEvent::cbLayoutRowsEvent](#)

---

`c_bLayoutRowsEvent`

`c_blayoutrowsevent`

`b_rowse00225`

`K cbLayoutRowsEvent`

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

**cbLeftDClickEvent**

Class for mouse left double click events.

**Derived from**

[cbPluginEvent](#)

**Include files**

<wx/fl/controlbar.h>

**Data structures**

**Members**

[cbLeftDClickEvent::cbLeftDClickEvent](#)

---

<sup>c</sup>bLeftDClickEvent

<sup>c</sup>bleftdclিকেব

<sup>b</sup>rowse00227

<sup>K</sup> cbLeftDClickEvent

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

## `$$$K!cbLeftDownEvent`

Class for mouse left down events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbLeftDownEvent::cbLeftDownEvent](#)

---

`c_bLeftDownEvent`

`c_bleftdownevent`

`b_rowse00229`

`K_cbLeftDownEvent`

`E_nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## **cbLeftUpEvent**

Class for mouse left up events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbLeftUpEvent::cbLeftUpEvent](#)

---

<sup>c</sup>bLeftUpEvent

<sup>c</sup>bleftupevent

<sup>b</sup>rowse00231

<sup>K</sup> cbLeftUpEvent

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

## `$$$K!cbMiniButton`

cbMiniButton is the base class for a small button that can be placed in a wxToolWindow titlebar.

### Derived from

[wxObject](#)

### Include files

<wx/fl/toolwnd.h>

### Data structures

### Members

[cbMiniButton::cbMiniButton](#)  
[cbMiniButton::Draw](#)  
[cbMiniButton::Enable](#)  
[cbMiniButton::HitTest](#)  
[cbMiniButton::IsPressed](#)  
[cbMiniButton::OnLeftDown](#)  
[cbMiniButton::OnLeftUp](#)  
[cbMiniButton::OnMotion](#)  
[cbMiniButton::Refresh](#)  
[cbMiniButton::Reset](#)  
[cbMiniButton::SetPos](#)  
[cbMiniButton::WasClicked](#)

---

<sup>c</sup>bMiniButton

<sup>c</sup>bminibutton

<sup>b</sup>rowse00233

<sup>K</sup> cbMiniButton

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

## **cbMotionEvent**

Class for mouse motion events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbMotionEvent::cbMotionEvent](#)

---

<sup>c</sup>bMotionEvent

<sup>c</sup>bmotionevent

<sup>b</sup>rowse00246

<sup>K</sup> cbMotionEvent

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



## `$$$K!cbPaneDrawPlugin`

Simple but all-in-one plugin implementation. Resembles the look and feel of to MFC control-bars. The class handles painting of the pane and the items in it; it generates bar/layout customization events, when the user right-clicks the bar/pane. Hooking an instance of this and row-layout plugins for each pane would be enough for the frame layout to function properly (they are plugged in automatically by the `wxFrameLayout` class).

### Derived from

[cbPluginBase](#)

### Include files

`<wx/fl/panedrawpl.h>`

### Data structures

### Members

[cbPaneDrawPlugin::cbPaneDrawPlugin](#)  
[cbPaneDrawPlugin::~~cbPaneDrawPlugin](#)  
[cbPaneDrawPlugin::Clone](#)  
[cbPaneDrawPlugin::DrawBarInnerShadeRect](#)  
[cbPaneDrawPlugin::DrawDraggedHandle](#)  
[cbPaneDrawPlugin::DrawLowerRowHandle](#)  
[cbPaneDrawPlugin::DrawLowerRowShades](#)  
[cbPaneDrawPlugin::DrawPaneShade](#)  
[cbPaneDrawPlugin::DrawPaneShadeForRow](#)  
[cbPaneDrawPlugin::DrawShade](#)  
[cbPaneDrawPlugin::DrawShade1](#)  
[cbPaneDrawPlugin::DrawUpperRowHandle](#)  
[cbPaneDrawPlugin::DrawUpperRowShades](#)  
[cbPaneDrawPlugin::OnDrawBarDecorations](#)  
[cbPaneDrawPlugin::OnDrawBarHandles](#)  
[cbPaneDrawPlugin::OnDrawPaneBackground](#)  
[cbPaneDrawPlugin::OnDrawPaneDecorations](#)  
[cbPaneDrawPlugin::OnDrawRowBackground](#)  
[cbPaneDrawPlugin::OnDrawRowDecorations](#)  
[cbPaneDrawPlugin::OnDrawRowHandles](#)  
[cbPaneDrawPlugin::OnFinishDrawInArea](#)  
[cbPaneDrawPlugin::OnLButtonDown](#)  
[cbPaneDrawPlugin::OnLButtonUp](#)  
[cbPaneDrawPlugin::OnLDbClick](#)

---

<sup>c</sup>`bPaneDrawPlugin`

<sup>c</sup>`bpanedrawplugin`

<sup>b</sup>`rowse00248`

<sup>K</sup> `cbPaneDrawPlugin`

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

cbPaneDrawPlugin::OnMouseMove  
cbPaneDrawPlugin::OnRButtonUp  
cbPaneDrawPlugin::OnSizeBarWindow  
cbPaneDrawPlugin::OnStartDrawInArea  
cbPaneDrawPlugin::SetDarkPixel  
cbPaneDrawPlugin::SetLightPixel

## `$$$K!_cbPluginBase`

Abstract base class for all control-bar related plugins. Note: pointer positions of mouse events sent to plugins are always in the pane's coordinates (the pane to which this plugin is hooked).

### Derived from

[wxEvtHandler](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbPluginBase::cbPluginBase](#)  
[cbPluginBase::~~cbPluginBase](#)  
[cbPluginBase::GetPaneMask](#)  
[cbPluginBase::IsReady](#)  
[cbPluginBase::OnInitPlugin](#)  
[cbPluginBase::ProcessEvent](#)

---

`^_cbPluginBase`

`^_cbpluginbase`

`^_rowse00279`

`^_cbPluginBase`

`^_nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## `$$$K!cbPluginEvent`

Base class for all control-bar plugin events. This is not a dynamically-creatable class.

### Derived from

[wxEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbPluginEvent::cbPluginEvent](#)

[cbPluginEvent::Clone](#)

---

`^cbPluginEvent`

`^bpluginevent`

`^rowse00286`

`^cbPluginEvent`

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

**cbRemoveBarEvent**

Class for bar removal events.

**Derived from**

[cbPluginEvent](#)

**Include files**

<wx/fl/controlbar.h>

**Data structures**

**Members**

[cbRemoveBarEvent::cbRemoveBarEvent](#)

---

<sup>c</sup>bRemoveBarEvent

<sup>c</sup>bremovebarevent

<sup>b</sup>rowse00289

<sup>K</sup> cbRemoveBarEvent

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

## `$$$K!cbResizeBarEvent`

Class for bar resize events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbResizeBarEvent::cbResizeBarEvent](#)

---

`c_bResizeBarEvent`

`c_bresizebarevent`

`b_rowse00291`

`K cbResizeBarEvent`

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

`$$$K!cbResizeRowEvent`

Class for row resize events.

**Derived from**

[cbPluginEvent](#)

**Include files**

<wx/fl/controlbar.h>

**Data structures**

**Members**

[cbResizeRowEvent::cbResizeRowEvent](#)

---

`c_bResizeRowEvent`

`c_bresizerowevent`

`b_rowse00293`

`K cbResizeRowEvent`

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

`$$$K!cbRightDownEvent`

Class for mouse right down events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbRightDownEvent::cbRightDownEvent](#)

---

`c_bRightDownEvent`

`c_brightdownevent`

`browse00295`

`K cbRightDownEvent`

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



## `$$$K!cbRightUpEvent`

Class for mouse right up events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbRightUpEvent::cbRightUpEvent](#)

---

`^cbRightUpEvent`

`^brightupevent`

`^rowse00297`

`^cbRightUpEvent`

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

## **cbRowDragPlugin**

This plugin adds row-dragging functionality to the pane. It handles mouse movement and pane background-erasing plugin events. The behaviour and appearance resembles drag and drop positioning of the toolbar rows in Netscape Communicator 4.xx.

### **Derived from**

[cbPluginBase](#)

### **Include files**

<wx/fl/rowdragpl.h>

### **Data structures**

### **Members**

[cbRowDragPlugin::cbRowDragPlugin](#)  
[cbRowDragPlugin::~~cbRowDragPlugin](#)  
[cbRowDragPlugin::CaptureDCArea](#)  
[cbRowDragPlugin::CheckPrevItemInFocus](#)  
[cbRowDragPlugin::Clone](#)  
[cbRowDragPlugin::CollapseRow](#)  
[cbRowDragPlugin::Draw3DPattern](#)  
[cbRowDragPlugin::Draw3DRect](#)  
[cbRowDragPlugin::DrawCollapsedRowIcon](#)  
[cbRowDragPlugin::DrawCollapsedRowsBorder](#)  
[cbRowDragPlugin::DrawEmptyRow](#)  
[cbRowDragPlugin::DrawOtoRomb](#)  
[cbRowDragPlugin::DrawRectShade](#)  
[cbRowDragPlugin::DrawRomb](#)  
[cbRowDragPlugin::DrawRombShades](#)  
[cbRowDragPlugin::DrawRowDragHint](#)  
[cbRowDragPlugin::DrawRowsDragHintsBorder](#)  
[cbRowDragPlugin::DrawTrianDown](#)  
[cbRowDragPlugin::DrawTrianRight](#)  
[cbRowDragPlugin::DrawTrianUp](#)  
[cbRowDragPlugin::ExpandRow](#)  
[cbRowDragPlugin::FinishOnScreenDraw](#)  
[cbRowDragPlugin::GetCollapsedIconsPos](#)  
[cbRowDragPlugin::GetCollapsedInconRect](#)  
[cbRowDragPlugin::GetCollapsedRowIconHeight](#)  
[cbRowDragPlugin::GetFirstRow](#)  
[cbRowDragPlugin::GetHRowsCountForPane](#)

---

<sup>c</sup>bRowDragPlugin

<sup>c</sup>browdragplugin

<sup>b</sup>rowse00299

<sup>K</sup> cbRowDragPlugin

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

cbRowDragPlugin::GetRowDragHintWidth  
cbRowDragPlugin::GetRowHintRect  
cbRowDragPlugin::HitTestCollapsedRowIcon  
cbRowDragPlugin::HitTestRowDragHint  
cbRowDragPlugin::InsertDraggedRowBefore  
cbRowDragPlugin::ItemIsInFocus  
cbRowDragPlugin::OnDrawPaneBackground  
cbRowDragPlugin::OnInitPlugin  
cbRowDragPlugin::OnLButtonDown  
cbRowDragPlugin::OnLButtonUp  
cbRowDragPlugin::OnMouseMove  
cbRowDragPlugin::PrepareForRowDrag  
cbRowDragPlugin::SetMouseCapture  
cbRowDragPlugin::SetPaneMargins  
cbRowDragPlugin::ShowDraggedRow  
cbRowDragPlugin::ShowPanelImage  
cbRowDragPlugin::UnhighlightItemInFocus

## `$$$K!cbRowInfo`

Helper class used internally by the `wxFrameLayout` class. Holds and manages information about bar rows.

### Derived from

[`wxObject`](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[`cbRowInfo::cbRowInfo`](#)  
[`cbRowInfo::~cbRowInfo`](#)  
[`cbRowInfo::GetFirstBar`](#)

---

`c_bRowInfo`

`c_browinfo`

`b_rowse00344`

`K cbRowInfo`

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

## **\$\$\$K!cbRowLayoutPlugin**

Simple implementation of a plugin which handles row layout requests sent from a frame layout.

### **Derived from**

[cbPluginBase](#)

### **Include files**

<wx/fl/rowlayoutpl.h>

### **Data structures**

### **Members**

[cbRowLayoutPlugin::cbRowLayoutPlugin](#)  
[cbRowLayoutPlugin::AdjustLengthOfInserted](#)  
[cbRowLayoutPlugin::ApplyLengthRatios](#)  
[cbRowLayoutPlugin::CalcRowHeight](#)  
[cbRowLayoutPlugin::CheckIfAtTheBoundary](#)  
[cbRowLayoutPlugin::DetectBarHandles](#)  
[cbRowLayoutPlugin::DoInsertBar](#)  
[cbRowLayoutPlugin::ExpandNotFixedBars](#)  
[cbRowLayoutPlugin::FitBarsToRange](#)  
[cbRowLayoutPlugin::GetRowFreeSpace](#)  
[cbRowLayoutPlugin::InsertBefore](#)  
[cbRowLayoutPlugin::LayoutItemsVertically](#)  
[cbRowLayoutPlugin::MinimizeNotFixedBars](#)  
[cbRowLayoutPlugin::OnInsertBar](#)  
[cbRowLayoutPlugin::OnLayoutRow](#)  
[cbRowLayoutPlugin::OnLayoutRows](#)  
[cbRowLayoutPlugin::OnRemoveBar](#)  
[cbRowLayoutPlugin::OnResizeRow](#)  
[cbRowLayoutPlugin::RecalcLengthRatios](#)  
[cbRowLayoutPlugin::RelayoutNotFixedBarsAround](#)  
[cbRowLayoutPlugin::ShiftLeftTrashold](#)  
[cbRowLayoutPlugin::ShiftRightTrashold](#)  
[cbRowLayoutPlugin::SlideLeftSideBars](#)  
[cbRowLayoutPlugin::SlideRightSideBars](#)  
[cbRowLayoutPlugin::StickRightSideBars](#)

---

<sup>c</sup>bRowLayoutPlugin

<sup>c</sup>browlayoutplugin

<sup>b</sup>rowse00348

<sup>K</sup> cbRowLayoutPlugin

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

`##+K!cbSimpleCustomizationPlugin`

This class enables customization of a bar, popping up a menu and handling basic customization such as floating and horizontal/vertical alignment of the bar.

### Derived from

[cbPluginBase](#)

### Include files

`<wx/fl/cbcustom.h>`

### Data structures

### Members

[cbSimpleCustomizationPlugin::cbSimpleCustomizationPlugin](#)

[cbSimpleCustomizationPlugin::OnCustomizeBar](#)

[cbSimpleCustomizationPlugin::OnCustomizeLayout](#)

[cbSimpleCustomizationPlugin::OnMenuItemSelected](#)

---

`c_bSimpleCustomizationPlugin`

`c_bsimplecustomizationplugin`

`b_rowse00374`

`K cbSimpleCustomizationPlugin`

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

`##+K!cbSimpleUpdatesMgr`

This class implements slightly optimized logic for refreshing the areas of frame layout that actually need to be updated.

### Derived from

[cbUpdatesManagerBase](#)

### Include files

`<wx/fl/updatesmgr.h>`

### Data structures

### Members

[cbSimpleUpdatesMgr::cbSimpleUpdatesMgr](#)  
[cbSimpleUpdatesMgr::OnBarWillChange](#)  
[cbSimpleUpdatesMgr::OnFinishChanges](#)  
[cbSimpleUpdatesMgr::OnPaneMarginsWillChange](#)  
[cbSimpleUpdatesMgr::OnPaneWillChange](#)  
[cbSimpleUpdatesMgr::OnRowWillChange](#)  
[cbSimpleUpdatesMgr::OnStartChanges](#)  
[cbSimpleUpdatesMgr::UpdateNow](#)  
[cbSimpleUpdatesMgr::WasChanged](#)

---

`c_bSimpleUpdatesMgr`  
`c_bsimpleupdatesmgr`  
`b_rowse00379`  
`K cbSimpleUpdatesMgr`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")`

## `$$$K!cbSizeBarWndEvent`

Class for bar window resize events.

### Derived from

[cbPluginEvent](#)

### Include files

<wx/fl/controlbar.h>

### Data structures

### Members

[cbSizeBarWndEvent::cbSizeBarWndEvent](#)

---

`c_bSizeBarWndEvent`

`c_bsizebarwndevent`

`b_rowse00389`

`K cbSizeBarWndEvent`

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



`##+K!` **cbStartBarDraggingEvent**

Class for start-bar-dragging events.

#### **Derived from**

[cbPluginEvent](#)

#### **Include files**

<wx/fl/controlbar.h>

#### **Data structures**

#### **Members**

[cbStartBarDraggingEvent::cbStartBarDraggingEvent](#)

---

`c`<sub>b</sub>StartBarDraggingEvent

`c`<sub>b</sub>startbardraggingevent

`b`<sub>rowse</sub>00391

`K` cbStartBarDraggingEvent

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

## **cbStartDrawInAreaEvent**

Class for start drawing in area events.

### **Derived from**

[cbPluginEvent](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbStartDrawInAreaEvent::cbStartDrawInAreaEvent](#)

---

<sup>c</sup>bStartDrawInAreaEvent

<sup>c</sup>bstartdrawinareaevent

<sup>b</sup>rowse00393

<sup>K</sup> cbStartDrawInAreaEvent

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

## **\$#+K!cbUpdateMgrData**

A structure that is present in each item of layout, used by any particular updates-manager to store auxiliary information to be used by its updating algorithm.

### **Derived from**

[wxObject](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[cbUpdateMgrData::cbUpdateMgrData](#)

[cbUpdateMgrData::IsDirty](#)

[cbUpdateMgrData::SetCustomData](#)

[cbUpdateMgrData::SetDirty](#)

[cbUpdateMgrData::StoreItemState](#)

---

<sup>c</sup>bUpdateMgrData

<sup>c</sup>bupdatemgrdata

<sup>b</sup>rowse00395

<sup>K</sup> cbUpdateMgrData

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

## `$$$K!cbUpdatesManagerBase`

This class declares an abstract interface for optimized logic that should refresh areas of frame layout that actually need to be updated. This should be extended in future to implement a custom updating strategy.

### Derived from

[wxObject](#)

### Include files

`<wx/fl/controlbar.h>`

### Data structures

### Members

[cbUpdatesManagerBase::cbUpdatesManagerBase](#)  
[cbUpdatesManagerBase::~~cbUpdatesManagerBase](#)  
[cbUpdatesManagerBase::OnBarWillChange](#)  
[cbUpdatesManagerBase::OnFinishChanges](#)  
[cbUpdatesManagerBase::OnPaneMarginsWillChange](#)  
[cbUpdatesManagerBase::OnPaneWillChange](#)  
[cbUpdatesManagerBase::OnRowWillChange](#)  
[cbUpdatesManagerBase::OnStartChanges](#)  
[cbUpdatesManagerBase::SetLayout](#)  
[cbUpdatesManagerBase::UpdateNow](#)

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`c_bUpdatesManagerBase`

`c_bupdatesmanagerbase`

`browse00401`

`K cbUpdatesManagerBase`

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

## **`wxDynamicToolBar`**

`wxDynamicToolBar` manages containment and layout of tool windows.

### **Derived from**

[`wxToolBarBase`](#)

### **Include files**

`<wx/fl/dyntbar.h>`

### **Data structures**

### **Members**

[`wxDynamicToolBar::wxDynamicToolBar`](#)  
[`wxDynamicToolBar::~~wxDynamicToolBar`](#)  
[`wxDynamicToolBar::AddSeparator`](#)  
[`wxDynamicToolBar::AddTool`](#)  
[`wxDynamicToolBar::Create`](#)  
[`wxDynamicToolBar::CreateDefaultLayout`](#)  
[`wxDynamicToolBar::CreateTool`](#)  
[`wxDynamicToolBar::DoDeleteTool`](#)  
[`wxDynamicToolBar::DoEnableTool`](#)  
[`wxDynamicToolBar::DoInsertTool`](#)  
[`wxDynamicToolBar::DoSetToggle`](#)  
[`wxDynamicToolBar::DoToggleTool`](#)  
[`wxDynamicToolBar::DrawSeparator`](#)  
[`wxDynamicToolBar::EnableTool`](#)  
[`wxDynamicToolBar::FindToolForPosition`](#)  
[`wxDynamicToolBar::GetPreferredDim`](#)  
[`wxDynamicToolBar::GetToolInfo`](#)  
[`wxDynamicToolBar::Layout`](#)  
[`wxDynamicToolBar::OnEraseBackground`](#)  
[`wxDynamicToolBar::OnPaint`](#)  
[`wxDynamicToolBar::OnSize`](#)  
[`wxDynamicToolBar::Realize`](#)  
[`wxDynamicToolBar::RemoveTool`](#)  
[`wxDynamicToolBar::SetLayout`](#)  
[`wxDynamicToolBar::SizeToolWindows`](#)

---

<sup>w</sup>`wxDynamicToolBar`

<sup>w</sup>`wxdynamictoolbar`

<sup>b</sup>`rowse00412`

<sup>K</sup> `wxDynamicToolBar`

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

`$#+K!` **wxDynToolInfo**

This class holds dynamic toolbar item information.

### Derived from

[wxToolLayoutItem](#)

### Include files

<wx/fl/dyntbar.h>

### Data structures

---

`w`xDynToolInfo  
`w`xdyntoolinfo  
`b`rowse00438  
`K` wxDynToolInfo  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")

## **wxFrameLayout**

wxFrameLayout manages containment and docking of control bars, which can be docked along the top, bottom, right, or left side of the parent frame.

### **Derived from**

[wxEvtHandler](#)

### **Include files**

<wx/fl/controlbar.h>

### **Data structures**

### **Members**

[wxFrameLayout::wxFrameLayout](#)  
[wxFrameLayout::~~wxFrameLayout](#)  
[wxFrameLayout::Activate](#)  
[wxFrameLayout::AddBar](#)  
[wxFrameLayout::AddPlugin](#)  
[wxFrameLayout::AddPluginBefore](#)  
[wxFrameLayout::ApplyBarProperties](#)  
[wxFrameLayout::CanReparent](#)  
[wxFrameLayout::CaptureEventsForPane](#)  
[wxFrameLayout::CaptureEventsForPlugin](#)  
[wxFrameLayout::CreateCursors](#)  
[wxFrameLayout::CreateUpdatesManager](#)  
[wxFrameLayout::Deactivate](#)  
[wxFrameLayout::DestroyBarWindows](#)  
[wxFrameLayout::DoSetBarState](#)  
[wxFrameLayout::EnableFloating](#)  
[wxFrameLayout::FindBarByName](#)  
[wxFrameLayout::FindBarByWindow](#)  
[wxFrameLayout::FindPlugin](#)  
[wxFrameLayout::FirePluginEvent](#)  
[wxFrameLayout::ForwardMouseEvent](#)  
[wxFrameLayout::GetBarPane](#)  
[wxFrameLayout::GetBars](#)  
[wxFrameLayout::GetClientHeight](#)  
[wxFrameLayout::GetClientRect](#)  
[wxFrameLayout::GetClientWidth](#)  
[wxFrameLayout::GetFrameClient](#)  
[wxFrameLayout::GetPane](#)

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<sup>w</sup>xFrameLayout

<sup>w</sup>xframelayou

<sup>b</sup>rowse00439

<sup>K</sup> wxFrameLayout

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

wxFrameLayout::GetPaneProperties  
wxFrameLayout::GetPanelsArray  
wxFrameLayout::GetParentFrame  
wxFrameLayout::GetPrevClientRect  
wxFrameLayout::GetTopPlugin  
wxFrameLayout::GetUpdatesManager  
wxFrameLayout::HasTopPlugin  
wxFrameLayout::HideBarWindows  
wxFrameLayout::HitTestPane  
wxFrameLayout::HitTestPanels  
wxFrameLayout::HookUpToFrame  
wxFrameLayout::InverseVisibility  
wxFrameLayout::LocateBar  
wxFrameLayout::OnActivate  
wxFrameLayout::OnEraseBackground  
wxFrameLayout::OnIdle  
wxFrameLayout::OnKillFocus  
wxFrameLayout::OnLButtonDown  
wxFrameLayout::OnLButtonUp  
wxFrameLayout::OnLDbClick  
wxFrameLayout::OnMouseMove  
wxFrameLayout::OnPaint  
wxFrameLayout::OnRButtonDown  
wxFrameLayout::OnRButtonUp  
wxFrameLayout::OnSetFocus  
wxFrameLayout::OnSize  
wxFrameLayout::PopAllPlugins  
wxFrameLayout::PopPlugin  
wxFrameLayout::PositionClientWindow  
wxFrameLayout::PositionPanels  
wxFrameLayout::PushDefaultPlugins  
wxFrameLayout::PushPlugin  
wxFrameLayout::RecalcLayout  
wxFrameLayout::RedockBar  
wxFrameLayout::RefreshNow  
wxFrameLayout::ReleaseEventsFromPane  
wxFrameLayout::ReleaseEventsFromPlugin  
wxFrameLayout::RemoveBar  
wxFrameLayout::RemovePlugin  
wxFrameLayout::ReparentWindow  
wxFrameLayout::RepositionFloatedBar  
wxFrameLayout::RouteMouseEvent  
wxFrameLayout::SetBarState  
wxFrameLayout::SetFrameClient  
wxFrameLayout::SetMargins  
wxFrameLayout::SetPaneBackground  
wxFrameLayout::SetPaneProperties  
wxFrameLayout::SetTopPlugin  
wxFrameLayout::SetUpdatesManager  
wxFrameLayout::ShowFloatedWindows  
wxFrameLayout::UnhookFromFrame



\$#+K! **wxFrameManager**

**Derived from**

wxObject

**Data structures**

**Members**

wxFrameManager::wxFrameManager  
wxFrameManager::~~wxFrameManager  
wxFrameManager::ActivateView  
wxFrameManager::AddView  
wxFrameManager::DeactivateCurrentView  
wxFrameManager::DestroyViews  
wxFrameManager::DoSerialize  
wxFrameManager::EnableMenusForView  
wxFrameManager::GetActiveView  
wxFrameManager::GetActiveViewNo  
wxFrameManager::GetActiveViewNode  
wxFrameManager::GetClientWindow  
wxFrameManager::GetObjectStore  
wxFrameManager::GetParentFrame  
wxFrameManager::GetParentWindow  
wxFrameManager::GetView  
wxFrameManager::GetViewNo  
wxFrameManager::Init  
wxFrameManager::ReloadViews  
wxFrameManager::RemoveView  
wxFrameManager::SaveViewsNow  
wxFrameManager::SetClientWindow  
wxFrameManager::SyncAllMenus  
wxFrameManager::ViewsAreLoaded

---

<sup>w</sup>xFrameManager

<sup>w</sup>xframemanager

<sup>b</sup>rowse00519

<sup>K</sup> wxFrameManager

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

## `##+K!` **GarbageCollector**

This class implements an extremely slow but simple garbage collection algorithm.

### **Derived from**

No base class

### **Include files**

<wx/fl/garbagec.h>

### **Data structures**

### **Members**

[GarbageCollector::GarbageCollector](#)  
[GarbageCollector::~~GarbageCollector](#)  
[GarbageCollector::AddDependency](#)  
[GarbageCollector::AddObject](#)  
[GarbageCollector::ArrangeCollection](#)  
[GarbageCollector::DestroyItemList](#)  
[GarbageCollector::FindItemNode](#)  
[GarbageCollector::FindReferenceFreeItemNode](#)  
[GarbageCollector::GetCycledObjects](#)  
[GarbageCollector::GetRegularObjects](#)  
[GarbageCollector::RemoveReferencesToNode](#)  
[GarbageCollector::Reset](#)  
[GarbageCollector::ResolveReferences](#)

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<sup>G</sup>arbageCollector

<sup>g</sup>arbagecollector

<sup>b</sup>rowse00544

<sup>K</sup> GarbageCollector

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

## **LayoutManagerBase**

This is a base class for layout algorithm implementations.

### **Derived from**

No base class

### **Include files**

<wx/fl/dyntbar.h>

### **Data structures**

### **Members**

LayoutManagerBase::~LayoutManagerBase  
LayoutManagerBase::Layout

---

L  
LayoutManagerBase  
l  
ayoutmanagerbase  
b  
rowse00558  
K  
LayoutManagerBase  
E  
nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")

## \$#+K! **wxNewBitmapButton**

This is an alternative class to wxBitmapButton. It is used in the implementation of dynamic toolbars.

### **Derived from**

[wxPanel](#)

### **Include files**

<wx/fl/newbmpbtn.h>

### **Data structures**

### **Members**

[wxNewBitmapButton::wxNewBitmapButton](#)  
[wxNewBitmapButton::~~wxNewBitmapButton](#)  
[wxNewBitmapButton::DestroyLabels](#)  
[wxNewBitmapButton::DrawDecorations](#)  
[wxNewBitmapButton::DrawLabel](#)  
[wxNewBitmapButton::DrawShade](#)  
[wxNewBitmapButton::GetStateLabel](#)  
[wxNewBitmapButton::IsInWindow](#)  
[wxNewBitmapButton::OnEraseBackground](#)  
[wxNewBitmapButton::OnKillFocus](#)  
[wxNewBitmapButton::OnLButtonDown](#)  
[wxNewBitmapButton::OnLButtonUp](#)  
[wxNewBitmapButton::OnMouseMove](#)  
[wxNewBitmapButton::OnPaint](#)  
[wxNewBitmapButton::OnSize](#)  
[wxNewBitmapButton::RenderAllLabelImages](#)  
[wxNewBitmapButton::RenderLabelImage](#)  
[wxNewBitmapButton::RenderLabelImages](#)  
[wxNewBitmapButton::Reshape](#)  
[wxNewBitmapButton::SetAlignments](#)  
[wxNewBitmapButton::SetLabel](#)

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<sup>w</sup><sub>x</sub>NewBitmapButton

<sup>w</sup><sub>x</sub>newbitmapbutton

<sup>b</sup>rowse00561

<sup>K</sup> wxNewBitmapButton

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

\$#+K!**wxToolLayoutItem**

Tool layout item.

### Derived from

[wxObject](#)

### Include files

<wx/fl/dyntbar.h>

### Data structures

```
typedef wxToolLayoutItem* wxToolLayoutItemPtrT
```

```
typedef wxDynToolInfo* wxDynToolInfoPtrT
```

---

<sup>w</sup>xToolLayoutItem  
<sup>w</sup>xtoollayoutitem  
<sup>b</sup>rowse00583  
<sup>K</sup> wxToolLayoutItem  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `classref)")

## \$#+K! **wxToolWindow**

A tool window is a special kind of frame that paints its own title, and can be used to implement small floating windows.

### **Derived from**

[wxFrame](#)

### **Include files**

<wx/fl/toolwnd.h>

### **Data structures**

### **Members**

[wxToolWindow::wxToolWindow](#)  
[wxToolWindow::~~wxToolWindow](#)  
[wxToolWindow::AddMiniButton](#)  
[wxToolWindow::AdjustRectPos](#)  
[wxToolWindow::CalcResizedRect](#)  
[wxToolWindow::DrawHintRect](#)  
[wxToolWindow::GetClient](#)  
[wxToolWindow::GetMinimalWndDim](#)  
[wxToolWindow::GetPreferredSize](#)  
[wxToolWindow::GetScrMousePos](#)  
[wxToolWindow::GetScrWindowRect](#)  
[wxToolWindow::HandleTitleClick](#)  
[wxToolWindow::HitTestWindow](#)  
[wxToolWindow::LayoutMiniButtons](#)  
[wxToolWindow::OnEraseBackground](#)  
[wxToolWindow::OnLeftDown](#)  
[wxToolWindow::OnLeftUp](#)  
[wxToolWindow::OnMiniButtonClicked](#)  
[wxToolWindow::OnMotion](#)  
[wxToolWindow::OnPaint](#)  
[wxToolWindow::OnSize](#)  
[wxToolWindow::SetClient](#)  
[wxToolWindow::SetHintCursor](#)  
[wxToolWindow::SetTitleFont](#)

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<sup>w</sup><sub>x</sub>ToolWindow

<sup>w</sup><sub>x</sub>toolwindow

<sup>b</sup><sub>rowse</sub>00584

<sup>K</sup><sub>wxToolWindow</sub>

<sup>E</sup><sub>n</sub>ableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.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

browse00611

Notes on using the reference

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

## Event macros and identifiers

These are the event macros and event identifiers defined by FL.

| Event macro                     | Event identifier            |
|---------------------------------|-----------------------------|
| EVT_PL_LEFT_DOWN(func)          | cbEVT_PL_LEFT_DOWN          |
| EVT_PL_LEFT_UP(func)            | cbEVT_PL_LEFT_UP            |
| EVT_PL_RIGHT_DOWN(func)         | cbEVT_PL_RIGHT_DOWN         |
| EVT_PL_RIGHT_UP(func)           | cbEVT_PL_RIGHT_UP           |
| EVT_PL_MOTION(func)             | cbEVT_PL_MOTION             |
| EVT_PL_LEFT_DCLICK(func)        | cbEVT_PL_LEFT_DCLICK        |
| EVT_PL_LAYOUT_ROW(func)         | cbEVT_PL_LAYOUT_ROW         |
| EVT_PL_RESIZE_ROW(func)         | cbEVT_PL_RESIZE_ROW         |
| EVT_PL_LAYOUT_ROWS(func)        | cbEVT_PL_LAYOUT_ROWS        |
| EVT_PL_INSERT_BAR(func)         | cbEVT_PL_INSERT_BAR         |
| EVT_PL_RESIZE_BAR(func)         | cbEVT_PL_RESIZE_BAR         |
| EVT_PL_REMOVE_BAR(func)         | cbEVT_PL_REMOVE_BAR         |
| EVT_PL_SIZE_BAR_WND(func)       | cbEVT_PL_SIZE_BAR_WND       |
| EVT_PL_DRAW_BAR_DECOR(func)     | cbEVT_PL_DRAW_BAR_DECOR     |
| EVT_PL_DRAW_ROW_DECOR(func)     | cbEVT_PL_DRAW_ROW_DECOR     |
| EVT_PL_DRAW_PANE_DECOR(func)    | cbEVT_PL_DRAW_PANE_DECOR    |
| EVT_PL_DRAW_BAR_HANDLES(func)   | cbEVT_PL_DRAW_BAR_HANDLES   |
| EVT_PL_DRAW_ROW_HANDLES(func)   | cbEVT_PL_DRAW_ROW_HANDLES   |
| EVT_PL_DRAW_ROW_BKGROUND(func)  | cbEVT_PL_DRAW_ROW_BKGROUND  |
| EVT_PL_DRAW_PANE_BKGROUND(func) | cbEVT_PL_DRAW_PANE_BKGROUND |
| EVT_PL_START_BAR_DRAGGING(func) | cbEVT_PL_START_BAR_DRAGGING |

Event macros and identifiers

events

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Event macros and identifiers

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



EVT\_PL\_DRAW\_HINT\_RECT(func)      cbEVT\_PL\_DRAW\_HINT\_RECT  
EVT\_PL\_START\_DRAW\_IN\_AREA(func)   cbEVT\_PL\_START\_DRAW\_IN\_AREA  
EVT\_PL\_FINISH\_DRAW\_IN\_AREA(func)   cbEVT\_PL\_FINISH\_DRAW\_IN\_AREA  
EVT\_PL\_CUSTOMIZE\_BAR(func)      cbEVT\_PL\_CUSTOMIZE\_BAR  
EVT\_PL\_CUSTOMIZE\_LAYOUT(func)   cbEVT\_PL\_CUSTOMIZE\_LAYOUT

See also the classes:

|                                |   |
|--------------------------------|---|
| <u>cbCustomizeBarEvent</u>     | Class for bar customization events.           |
| <u>cbCustomizeLayoutEvent</u>  | Class for layout customization events.        |
| <u>cbDrawBarDecorEvent</u>     | Class for bar decoration drawing events.      |
| <u>cbDrawBarHandlesEvent</u>   | Class for bar handles drawing events.         |
| <u>cbDrawHintRectEvent</u>     | Class for hint-rectangle drawing events.      |
| <u>cbDrawPaneBkGroundEvent</u> | Class for pane background drawing events.     |
| <u>cbDrawPaneDecorEvent</u>    | Class for pane decoration drawing events.     |
| <u>cbDrawRowBkGroundEvent</u>  | Class for row background drawing events.      |
| <u>cbDrawRowDecorEvent</u>     | Class for row decoration drawing events.      |
| <u>cbDrawRowHandlesEvent</u>   | Class for row handles drawing events.         |
| <u>cbFinishDrawInAreaEvent</u> | Class for finish drawing in area events.      |
| <u>cbInsertBarEvent</u>        | Class for bar insertion events.               |
| <u>cbLayoutRowEvent</u>        | Class for single row layout events.           |
| <u>cbLayoutRowsEvent</u>       | Class for multiple rows layout events.        |
| <u>cbLeftDClickEvent</u>       | Class for mouse left double click events.     |
| <u>cbLeftDownEvent</u>         | Class for mouse left down events.             |
| <u>cbLeftUpEvent</u>           | Class for mouse left up events.               |
| <u>cbMotionEvent</u>           | Class for mouse motion events.                |
| <u>cbPluginEvent</u>           | Base class for all control-bar plugin events. |
| <u>cbRemoveBarEvent</u>        | Class for bar removal events.                 |
| <u>cbResizeBarEvent</u>        | Class for bar resize events.                  |
| <u>cbResizeRowEvent</u>        | Class for row resize events.                  |
| <u>cbRightDownEvent</u>        | Class for mouse right down events.            |

cbRightUpEvent

Class for mouse right up events.

cbSizeBarWndEvent

Class for bar window resize events.

cbStartBarDraggingEvent

Class for start-bar-dragging events.

cbStartDrawInAreaEvent

Class for start drawing in area events.

**FAQ**

A row of all non-fixed bars don't position properly



**BagLayout::Layout**

**void Layout(const wxSize& parentDim, wxSize& resultingDim,  
wxLayoutItemArrayT& items, int horizGap, int vertGap)<sup>K</sup>**

Constructor.

---

<sup>B</sup> BagLayout::Layout  
<sup>b</sup> baglayoutlayout  
<sup>b</sup> rowse00010  
<sup>K</sup> BagLayout Layout  
<sup>E</sup> nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `baglayout')")  
<sup>K</sup> Layout

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

**wxBarLayout(RowArrayT& rows)**<sup>K</sup>

Constructor, taking row array.

---

<sup>w</sup>xBarLayout::wxBarLayout

<sup>w</sup>xBarLayoutwxBarLayout

<sup>b</sup>rowse00012

<sup>K</sup> wxBarLayout wxBarLayout

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

<sup>K</sup> wxBarLayout

**wxBarIterator::BarInfo**

**cbBarInfo& BarInfo()**

Gets the current bar information.

---

wxBarIterator::BarInfo  
wxbariteratorbarinfo  
rowse00013  
K wxBarIterator BarInfo  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxbariterator')")  
K BarInfo

**wxBarIterator::Next**

**bool Next()**<sup>K</sup>

Advances the iterator and returns TRUE if a bar is available.

---

<sup>w</sup>xBarIterator::Next  
<sup>w</sup>xbariteratornext  
<sup>b</sup>rowse00014  
<sup>K</sup> wxBarIterator Next  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxbariterator')")  
<sup>K</sup> Next



**wxBarIterator::Reset**

**void Reset()**

Resets the iterator to the start of the first row.

---

**wxBarIterator::Reset**  
**wxbariteratorreset**  
**rowse00015**  
**wxBarIterator Reset**  
**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxbariterator')")**  
**Reset**

**wxBarIterator::RowInfo**

**cbRowInfo& RowInfo()**

Returns a reference to the currently traversed row.

---

wxBarIterator::RowInfo  
wxbariteratorrowinfo  
rowse00016  
K wxBarIterator RowInfo  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxbariterator')")  
K RowInfo

**`cbAntiflickerPlugin::cbAntiflickerPlugin`**

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

Default constructor.

**`cbAntiflickerPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor taking frame layout panel, and pane mask.

---

```
cbAntiflickerPlugin::cbAntiflickerPlugin
cbantiflickerplugincbantiflickerplugin
browse00018
K cbAntiflickerPlugin cbAntiflickerPlugin
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbantiflickerplugin')")
K cbAntiflickerPlugin
K cbAntiflickerPlugin
```

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

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

Destructor.

---

<sup>C</sup>`bAntiflickerPlugin::~~cbAntiflickerPlugin`

<sup>C</sup>`bantiflickerpluginindtor`

<sup>b</sup>`rowse00019`

<sup>K</sup>`cbAntiflickerPlugin ~cbAntiflickerPlugin`

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

<sup>K</sup>`~cbAntiflickerPlugin`

**`$#+K!cbAntiflickerPlugin::AllocNewBuffer`**

**`wxDC* AllocNewBuffer(const wxRect& forArea)K`**

Allocates a suitable buffer.

---

<sup>C</sup>`bAntiflickerPlugin::AllocNewBuffer`  
<sup>C</sup>`bantiflickerpluginallocnewbuffer`  
<sup>b</sup>`rowse00020`  
<sup>K</sup>`cbAntiflickerPlugin AllocNewBuffer`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbantiflickerplugin')")`  
<sup>K</sup>`AllocNewBuffer`

**`$#+K!cbAntiflickerPlugin::FindSuitableBuffer`**

**`wxDC* FindSuitableBuffer(const wxRect& forArea)K`**

Finds a suitable buffer. Returns NULL if a suitable buffer is not present.

---

<sup>C</sup>bAntiflickerPlugin::FindSuitableBuffer  
<sup>C</sup>bantiflickerpluginfindsuitablebuffer  
<sup>b</sup>rowse00021  
<sup>K</sup> cbAntiflickerPlugin FindSuitableBuffer  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbantiflickerplugin')")  
<sup>K</sup> FindSuitableBuffer

**\$#+K!cbAntiflickerPlugin::GetClientDC**

**wxDC& GetClientDC()**<sup>K</sup>

Gets the client device context.

---

<sup>C</sup>bAntiflickerPlugin::GetClientDC  
<sup>C</sup>bantiflickerpluggingetclientdc  
<sup>b</sup>rowse00022  
<sup>K</sup> cbAntiflickerPlugin GetClientDC  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbantiflickerplugin')")  
<sup>K</sup> GetClientDC

**\$#+K!cbAntiflickerPlugin::GetWindowDC**

**wxDC& GetWindowDC()**<sup>K</sup>

Gets the window device context.

---

<sup>C</sup>bAntiflickerPlugin::GetWindowDC  
<sup>C</sup>bantiflickerpluggingetwindowdc  
<sup>b</sup>rowse00023  
<sup>K</sup> cbAntiflickerPlugin GetWindowDC  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbantiflickerplugin')")  
<sup>K</sup> GetWindowDC



**`$#+K!cbAntiflickerPlugin::OnFinishDrawInArea`**

**`void OnFinishDrawInArea(cbFinishDrawInAreaEvent& event)K`**

Handler for plugin event.

---

<sup>C</sup>`bAntiflickerPlugin::OnFinishDrawInArea`

<sup>C</sup>`bantiflickerpluginonfinishdrawinarea`

<sup>b</sup>`rowse00024`

<sup>K</sup>`cbAntiflickerPlugin OnFinishDrawInArea`

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

<sup>K</sup>`OnFinishDrawInArea`

**\$#+K!cbAntiflickerPlugin::OnStartDrawInArea**

**void OnStartDrawInArea(cbStartDrawInAreaEvent& *event*)<sup>K</sup>**

Handler for plugin event.

---

<sup>C</sup>bAntiflickerPlugin::OnStartDrawInArea  
<sup>C</sup>bantiflickerpluginonstartdrawinarea  
<sup>b</sup>rowse00025  
<sup>K</sup> cbAntiflickerPlugin OnStartDrawInArea  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbantiflickerplugin')")  
<sup>K</sup> OnStartDrawInArea

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

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

to multiple bars, it's instance is reference-counted Default constructor. The initial reference count is 0, since the handler is not used until the first invocation of `AddRef()`.

---

<sup>C</sup>bBarDimHandlerBase::cbBarDimHandlerBase  
<sup>C</sup>bbardimhandlerbasecbbardimhandlerbase  
<sup>b</sup>rowse00027  
<sup>K</sup>cbBarDimHandlerBase cbBarDimHandlerBase  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardimhandlerbase')")  
<sup>K</sup>cbBarDimHandlerBase

**$\$#+K!$ cbBarDimHandlerBase::AddRef**

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

Increments the reference count.

---

<sup>c</sup>bBarDimHandlerBase::AddRef  
<sup>c</sup>bbardimhandlerbaseaddref  
<sup>b</sup>rowse00028  
<sup>K</sup> cbBarDimHandlerBase AddRef  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardimhandlerbase')")  
<sup>K</sup> AddRef

**`$#+K!cbBarDimHandlerBase::OnChangeBarState`**

**`void OnChangeBarState(cbBarInfo* pBar, int newState)K`**

Responds to "bar-state-changes" notifications.

---

`CbBarDimHandlerBase::OnChangeBarState  
Cbbardimhandlerbaseonchangebarstate  
browse00029  
KcbBarDimHandlerBase OnChangeBarState  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardimhandlerbase')")  
K OnChangeBarState`

**`cbBarDimHandlerBase::OnResizeBar`**

**`void OnResizeBar(cbBarInfo* pBar, const wxSize& given, wxSize& preferred)`**<sup>K</sup>

Responds to bar resize notifications.

---

<sup>C</sup>`bBarDimHandlerBase::OnResizeBar`

<sup>C</sup>`bbardimhandlerbaseonresizebar`

<sup>b</sup>`rowse00030`

<sup>K</sup>`cbBarDimHandlerBase OnResizeBar`

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

<sup>K</sup>`OnResizeBar`

**`$#+K!cbBarDimHandlerBase::RemoveRef`**

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

Decrements the reference count, and if the count is at zero, delete 'this'.

---

<sup>C</sup>`bBarDimHandlerBase::RemoveRef`

<sup>C</sup>`bbardimhandlerbaseremoveref`

<sup>b</sup>`rowse00031`

<sup>K</sup>`cbBarDimHandlerBase RemoveRef`

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

<sup>K</sup>`RemoveRef`

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

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

Default constructor.

**`cbBarDragPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor taking a parent frame, and flag. See `cbPluginBase`.

---

<sup>C</sup>`bBarDragPlugin::cbBarDragPlugin`

<sup>C</sup>`bbardragplugin::bbardragplugin`

<sup>b</sup>`rowse00033`

<sup>K</sup>`cbBarDragPlugin cbBarDragPlugin`

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

<sup>K</sup>`cbBarDragPlugin`

<sup>K</sup>`cbBarDragPlugin`



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

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

Destructor.

---

`c`bBarDragPlugin::~~cbBarDragPlugin`  
`c`bbardragpluginindtor`  
`b`rowse00034`  
`K`cbBarDragPlugin ~cbBarDragPlugin`  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")`  
`K`~cbBarDragPlugin`

**`$#+K!cbBarDragPlugin::AdjustHintRect`**

**`void AdjustHintRect(wxPoint& mousePos)`**<sup>K</sup>

the thicker rectangle is drawn using hatched brush, the default border width for this rectangle is 8 pix. Internal implementation function.

---

`cbBarDragPlugin::AdjustHintRect  
cbbardragpluginadjusthintrect  
browse00035  
K cbBarDragPlugin AdjustHintRect  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K AdjustHintRect`

**`$#+K!cbBarDragPlugin::CalcOnScreenDims`**

**`void CalcOnScreenDims(wxRect& rect)K`**

Internal implementation function.

---

`CbBarDragPlugin::CalcOnScreenDims  
Cbbardragplugincalconscreendims  
browse00036  
K cbBarDragPlugin CalcOnScreenDims  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K CalcOnScreenDims`

**`$#+K!cbBarDragPlugin::ClipPosInFrame`**

**`void ClipPosInFrame(wxPoint& pos)K`**

Internal implementation function.

---

`CbBarDragPlugin::ClipPosInFrame  
Cbbardragpluginclipposinframe  
browse00037  
K cbBarDragPlugin ClipPosInFrame  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
K ClipPosInFrame`

**`$#+K!cbBarDragPlugin::ClipRectInFrame`**

**`void ClipRectInFrame(wxRect& rect)K`**

Internal implementation function.

---

`CbBarDragPlugin::ClipRectInFrame  
Cbbardragplugincliprectinframe  
browse00038  
K cbBarDragPlugin ClipRectInFrame  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
K ClipRectInFrame`

**`$#+K!cbBarDragPlugin::DoDrawHintRect`**

**`void DoDrawHintRect(wxRect& rect, bool isInClientRect)`**<sup>K</sup>

Internal implementation function. Draw the hint rectangle.

---

<sup>C</sup>bBarDragPlugin::DoDrawHintRect  
<sup>C</sup>bbardragplugindodrawhintrect  
<sup>b</sup>rowse00039  
<sup>K</sup> cbBarDragPlugin DoDrawHintRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
<sup>K</sup> DoDrawHintRect

**`$#+K!cbBarDragPlugin::DrawHintRect`**

**`void DrawHintRect(wxRect& rect, bool isInClientRect)`**<sup>K</sup>

Internal implementation function. Draw the visual hint while dragging.

---

<sup>C</sup>bBarDragPlugin::DrawHintRect  
<sup>C</sup>bbardragplugindrawhintrect  
<sup>b</sup>rowse00040  
<sup>K</sup> cbBarDragPlugin DrawHintRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
<sup>K</sup> DrawHintRect

**`cbBarDragPlugin::EraseHintRect`**

**`void EraseHintRect(wxRect& rect, bool isInClientRect)`**<sup>K</sup>

Internal implementation function. Erase the visual hint while dragging.

---

<sup>C</sup>bBarDragPlugin::EraseHintRect  
<sup>C</sup>bbardragpluginerasehintrect  
<sup>b</sup>rowse00041  
<sup>K</sup> cbBarDragPlugin EraseHintRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
<sup>K</sup> EraseHintRect



**`$#+K!cbBarDragPlugin::FinishTracking`**

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

Internal implementation function. Stop showing the visual hint while dragging.

---

`c`<sup>b</sup>BarDragPlugin::FinishTracking  
`c`<sup>b</sup>bardragpluginfinishtracking  
`b`<sup>r</sup>rowse00042  
`K`<sup>c</sup>bBarDragPlugin FinishTracking  
`E`<sup>n</sup>ableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
`K`<sup>F</sup>inishTracking

**`$#+K!cbBarDragPlugin::GetBarHeightInPane`**

**`int GetBarHeightInPane(cbDockPane* pPane)K`**

Internal implementation function.

---

`CbBarDragPlugin::GetBarHeightInPane  
Cbbardragplugingetbarheightinpane  
browse00043  
K cbBarDragPlugin GetBarHeightInPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K GetBarHeightInPane`

**`$#+K!cbBarDragPlugin::GetBarWidthInPane`**

**`int GetBarWidthInPane(cbDockPane* pPane)K`**

Internal implementation function.

---

`CbBarDragPlugin::GetBarWidthInPane  
Cbbardragplugingetbarwidthinpane  
browse00044  
K cbBarDragPlugin GetBarWidthInPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
K GetBarWidthInPane`

**`$#+K!cbBarDragPlugin::GetDistanceToPane`**

**`int GetDistanceToPane(cbDockPane* pPane, wxPoint& mousePos)K`**

Internal implementation function.

---

`CbBarDragPlugin::GetDistanceToPane  
Cbbardragpluggingetdistancetopane  
browse00045  
K cbBarDragPlugin GetDistanceToPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
K GetDistanceToPane`

**`$#+K!cbBarDragPlugin::HitTestPanes`**

**`cbDockPane* HitTestPanes(wxRect& rect)`**<sup>K</sup>

Internal implementation function. Finds the pane under the specified rectangle.

**`cbDockPane* HitTestPanes(wxPoint& pos)`**<sup>K</sup>

Internal implementation function. Finds the pane under the specified point.

---

<sup>C</sup>`bBarDragPlugin::HitTestPanes`

<sup>C</sup>`bbardragpluginhittestpanes`

<sup>b</sup>`rowse00046`

<sup>K</sup>`cbBarDragPlugin HitTestPanes`

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

<sup>K</sup>`HitTestPanes`

<sup>K</sup>`HitTestPanes`

**`$#+K!cbBarDragPlugin::HitsPane`**

**`bool HitsPane(cbDockPane* pPane, wxRect& rect)`**<sup>K</sup>

Internal implementation function.

---

`^bBarDragPlugin::HitsPane`  
`^bbardragpluginhitspane`  
`^rowse00047`  
`^K cbBarDragPlugin HitsPane`  
`^EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")`  
`^K HitsPane`

**`cbBarDragPlugin::IsInClientArea`**

**`bool IsInClientArea(wxPoint& mousePos)`**<sup>K</sup>

Internal implementation function.

**`bool IsInClientArea(wxRect& rect)`**<sup>K</sup>

Internal implementation function.

---

`cbBarDragPlugin::IsInClientArea`  
`cbbardragpluginisinclientarea`  
`rowse00048`  
`cbBarDragPlugin IsInClientArea`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")`  
`IsInClientArea`  
`IsInClientArea`

**`$#+K!cbBarDragPlugin::IsInOtherPane`**

**`bool IsInOtherPane(wxPoint& mousePos)K`**

Internal implementation function.

---

`CbBarDragPlugin::IsInOtherPane  
Cbbardragpluginisinootherpane  
browse00049  
KcbBarDragPlugin IsInOtherPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
KIsInOtherPane`



**`$#+K!cbBarDragPlugin::OnDrawHintRect`**

**`void OnDrawHintRect(cbDrawHintRectEvent& event)K`**

Handles event, which originates from itself.

---

`CbBarDragPlugin::OnDrawHintRect  
Cbbardragpluginondrawhintrect  
browse00050  
K cbBarDragPlugin OnDrawHintRect  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K OnDrawHintRect`

**`$#+K!cbBarDragPlugin::OnLButtonDown`**

**`void OnLButtonDown(cbLeftDownEvent& event)K`**

Handler for plugin event.

---

`CbBarDragPlugin::OnLButtonDown  
Cbbardragpluginonlbuttondown  
browse00051  
K cbBarDragPlugin OnLButtonDown  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K OnLButtonDown`

**`$#+K!cbBarDragPlugin::OnLButtonUp`**

**`void OnLButtonUp(cbLeftUpEvent& event)K`**

Handler for plugin event.

---

`CbBarDragPlugin::OnLButtonUp  
Cbbardragpluginonlbuttonup  
browse00052  
KcbBarDragPlugin OnLButtonUp  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
KOnLButtonUp`

**`$#+K!cbBarDragPlugin::OnLDbIClick`**

**`void OnLDbIClick(cbLeftDClickEvent& event)K`**

Handler for plugin event.

---

`cbBarDragPlugin::OnLDbIClick`

`cbbardragpluginonldbclick`

`browse00053`

`KcbBarDragPlugin OnLDbIClick`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")`

`KOnLDbIClick`

**`$#+K!cbBarDragPlugin::OnMouseMove`**

**`void OnMouseMove(cbMotionEvent& event)K`**

Handler for plugin event.

---

`CbBarDragPlugin::OnMouseMove`

`Cbbardragpluginonmousemove`

`browse00054`

`KcbBarDragPlugin OnMouseMove`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")`

`K OnMouseMove`

**`$#+K!cbBarDragPlugin::OnStartBarDragging`**

**`void OnStartBarDragging(cbStartBarDraggingEvent& event)K`**

Handler for plugin event.

---

`CbBarDragPlugin::OnStartBarDragging`

`Cbbardragpluginonstartbardragging`

`browse00055`

`KcbBarDragPlugin OnStartBarDragging`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")`

`KOnStartBarDragging`

**`$#+K!cbBarDragPlugin::RectToScr`**

**`void RectToScr(wxRect& frameRect, wxRect& scrRect)K`**

Internal implementation function. Converts the given rectangle from window to screen coordinates.

---

`cbBarDragPlugin::RectToScr`

`cbbardragpluginrecttoscr`

`browse00056`

`KcbBarDragPlugin RectToScr`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")`

`KRectToScr`

**`$#+K!cbBarDragPlugin::ShowHint`**

**`void ShowHint(bool prevWasInClient)K`**

Internal implementation function. Show the hint; called within OnMouseMove.

---

`cbBarDragPlugin::ShowHint  
cbbardragpluginshowhint  
browse00057  
K cbBarDragPlugin ShowHint  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K ShowHint`



**`$#+K!cbBarDragPlugin::StartTracking`**

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

on-screen hint-tracking related methods Internal implementation function. Start showing a visual hint while dragging.

---

`cbBarDragPlugin::StartTracking`  
`cbbardragpluginstarttracking`  
`browse00058`  
`K cbBarDragPlugin StartTracking`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")`  
`K StartTracking`

**`cbBarDragPlugin::StickToPane`**

**`void StickToPane(cbDockPane* pPane, wxPoint& mousePos)`**<sup>K</sup>

Internal implementation function.

---

<sup>C</sup>bBarDragPlugin::StickToPane  
<sup>C</sup>bbardragpluginsticktopane  
<sup>b</sup>rowse00059  
<sup>K</sup> cbBarDragPlugin StickToPane  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbardragplugin')")  
<sup>K</sup> StickToPane

**`$#+K!cbBarDragPlugin::UnstickFromPane`**

**`void UnstickFromPane(cbDockPane* pPane, wxPoint& mousePos)K`**

Internal implementation function.

---

`CbBarDragPlugin::UnstickFromPane  
Cbbardragpluginunstickfrompane  
browse00060  
K cbBarDragPlugin UnstickFromPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbardragplugin')")  
K UnstickFromPane`

**`cbBarHintsPlugin::cbBarHintsPlugin`**

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

Default constructor.

**`cbBarHintsPlugin(wxFrameLayout* pLayout, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor, taking parent frame and pane mask flag.

---

<sup>C</sup>`bBarHintsPlugin::cbBarHintsPlugin`  
<sup>C</sup>`bbarhintsplugin::bbarhintsplugin`  
<sup>b</sup>`rowse00062`  
<sup>K</sup>`cbBarHintsPlugin cbBarHintsPlugin`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbbarhintsplugin')")`  
<sup>K</sup>`cbBarHintsPlugin`  
<sup>K</sup>`cbBarHintsPlugin`

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

**$\sim$ cbBarHintsPlugin()<sup>K</sup>**

Destructor.

---

<sup>c</sup>bBarHintsPlugin::~~cbBarHintsPlugin

<sup>c</sup>bbarhintsplugindtor

<sup>b</sup>rowse00063

<sup>K</sup>cbBarHintsPlugin ~cbBarHintsPlugin

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

<sup>K</sup>~cbBarHintsPlugin

**`$#+K!cbBarHintsPlugin::CreateBoxes`**

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

Helper function: creates close and collapse boxes.

---

<sup>C</sup>bBarHintsPlugin::CreateBoxes  
<sup>C</sup>bbarhintsplugincreateboxes  
<sup>b</sup>rowse00064  
<sup>K</sup> cbBarHintsPlugin CreateBoxes  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbbarhintsplugin')")  
<sup>K</sup> CreateBoxes

**`$#+K!`cbBarHintsPlugin::DoDrawHint**

**`void DoDrawHint(wxDC& dc, wxRect& rect, int pos, int boxOfs, int grooveOfs, bool isFixed)`**<sup>K</sup>

Helper function: draws a hint.

---

`cbBarHintsPlugin::DoDrawHint`  
`cbbarhintsplugindodrawhint`  
`browse00065`  
`K cbBarHintsPlugin DoDrawHint`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbarhintsplugin')")`  
`K DoDrawHint`

<sup>\$#+K!</sup>**cbBarHintsPlugin::Draw3DBox**

**void Draw3DBox(wxDC& *dc*, const wxPoint& *pos*, bool *pressed*)**<sup>K</sup>

Helper function: draws a 3D box.

---

<sup>c</sup>bBarHintsPlugin::Draw3DBox

<sup>c</sup>bbarhintsplugindraw3dbox

<sup>b</sup>rowse00066

<sup>K</sup> cbBarHintsPlugin Draw3DBox

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

<sup>K</sup> Draw3DBox



**`$#+K!cbBarHintsPlugin::DrawCloseBox`**

**`void DrawCloseBox(wxDC& dc, const wxPoint& pos, bool pressed)K`**

Helper function: draws a close box.

---

<sup>C</sup>`bBarHintsPlugin::DrawCloseBox`

<sup>C</sup>`bbarhintsplugindrawclosebox`

<sup>b</sup>`rowse00067`

<sup>K</sup>`cbBarHintsPlugin DrawCloseBox`

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

<sup>K</sup>`DrawCloseBox`

**`$#+K!cbBarHintsPlugin::DrawCollapseBox`**

**`void DrawCollapseBox(wxDC& dc, const wxPoint& pos, bool atLeft, bool disabled, bool pressed)K`**

Helper function: draws a collapse box.

---

`CbBarHintsPlugin::DrawCollapseBox  
Cbbarhintsplugindrawcollapsebox  
browse00068  
K cbBarHintsPlugin DrawCollapseBox  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarhintsplugin')")  
K DrawCollapseBox`

**cbBarHintsPlugin::DrawGrooves**

**void DrawGrooves(wxDC& *dc*, const wxPoint& *pos*, int *length*)**<sup>K</sup>

Helper function: draws grooves.

---

<sup>C</sup>bBarHintsPlugin::DrawGrooves

<sup>C</sup>bbarhintsplugindrawgrooves

<sup>b</sup>rowse00069

<sup>K</sup> cbBarHintsPlugin DrawGrooves

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

<sup>K</sup> DrawGrooves

**`cbBarHintsPlugin::ExcludeHints`**

**`void ExcludeHints(wxRect& rect, cbBarInfo& info)`**<sup>K</sup>

Helper function.

---

<sup>C</sup>`bBarHintsPlugin::ExcludeHints`

<sup>C</sup>`bbarhintspluginexcludehints`

<sup>b</sup>`rowse00070`

<sup>K</sup>`cbBarHintsPlugin ExcludeHints`

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

<sup>K</sup>`ExcludeHints`

**`$#+K!cbBarHintsPlugin::GetHintsLayout`**

**`void GetHintsLayout(wxRect& rect, cbBarInfo& info, int& boxOfs, int& grooveOfs, int& pos)K`**

Helper function: gets the layout of a hint.

---

<sup>C</sup>bBarHintsPlugin::GetHintsLayout

<sup>C</sup>bbarhintsplugingethintslayout

<sup>b</sup>rowse00071

<sup>K</sup> cbBarHintsPlugin GetHintsLayout

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

<sup>K</sup> GetHintsLayout

**$\$#+K!$ cbBarHintsPlugin::HitTestHints**

**int HitTestHints(cbBarInfo& *info*, const wxPoint& *pos*)<sup>K</sup>**

Helper function: returns information about the hint under the given position.

---

<sup>C</sup>bBarHintsPlugin::HitTestHints

<sup>C</sup>bbarhintspluginhittesthints

<sup>b</sup>rowse00072

<sup>K</sup> cbBarHintsPlugin HitTestHints

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

<sup>K</sup> HitTestHints

**`$#+K!cbBarHintsPlugin::OnDrawBarDecorations`**

**`void OnDrawBarDecorations(cbDrawBarDecorEvent& event)K`**

Handles a plugin event.

---

<sup>C</sup>bBarHintsPlugin::OnDrawBarDecorations

<sup>C</sup>bbarhintspluginondrawbardecorations

<sup>b</sup>rowse00073

<sup>K</sup> cbBarHintsPlugin OnDrawBarDecorations

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

<sup>K</sup> OnDrawBarDecorations

**cbBarHintsPlugin::OnInitPlugin**

**void OnInitPlugin()**

Called to initialize this plugin.

---

cbBarHintsPlugin::OnInitPlugin

cbbarhintspluginoninitplugin

rowse00074

cbBarHintsPlugin OnInitPlugin

enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbarhintsplugin')")

OnInitPlugin



**cbBarHintsPlugin::OnLeftDown**

**void OnLeftDown(cbLeftDownEvent& *event*)**

Handles a plugin event.

---

**cbBarHintsPlugin::OnLeftDown**

**cbbarhintspluginonleftdown**

**rowse00075**

**cbBarHintsPlugin OnLeftDown**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarhintsplugin')")**

**OnLeftDown**

**`$#+K!cbBarHintsPlugin::OnLeftUp`**

**`void OnLeftUp(cbLeftUpEvent& event)K`**

Handles a plugin event.

---

`cbBarHintsPlugin::OnLeftUp`

`cbbarhintspluginonleftup`

`browse00076`

`KcbBarHintsPlugin OnLeftUp`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbbarhintsplugin')")`

`KOnLeftUp`

**`$#+K!cbBarHintsPlugin::OnMotion`**

**`void OnMotion(cbMotionEvent& event)K`**

Handles a plugin event.

---

`cbBarHintsPlugin::OnMotion`

`cbbarhintspluginonmotion`

`browse00077`

`KcbBarHintsPlugin OnMotion`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbbarhintsplugin')")`

`KOnMotion`

**`$#+K!cbBarHintsPlugin::OnSizeBarWindow`**

**`void OnSizeBarWindow(cbSizeBarWndEvent& event)K`**

Handles a plugin event.

---

<sup>C</sup>bBarHintsPlugin::OnSizeBarWindow

<sup>C</sup>bbarhintspluginonsizebarwindow

<sup>b</sup>rowse00078

<sup>K</sup> cbBarHintsPlugin OnSizeBarWindow

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

<sup>K</sup> OnSizeBarWindow

**`$#+K!cbBarHintsPlugin::SetGrooveCount`**

**`void SetGrooveCount(int nGrooves)K`**

Set the number of grooves to be shown in the pane.

---

`CbBarHintsPlugin::SetGrooveCount  
Cbbarhintspluginsetgroovecount  
browse00079  
KcbBarHintsPlugin SetGrooveCount  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarhintsplugin')")  
KSetGrooveCount`

```
$#+K!cbBarInfo::cbBarInfo
```

**cbBarInfo()**<sup>k</sup>

Constructor.

```

C bBarInfo::cbBarInfo
C bbarinfocbbarinfo
b rowse00081
K cbBarInfo cbBarInfo
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarinfo')")
K cbBarInfo

```

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

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

Destructor.

---

<sup>c</sup>bBarInfo::~~cbBarInfo  
<sup>c</sup>bbarinfodtor  
<sup>b</sup>rowse00082  
<sup>K</sup> cbBarInfo ~cbBarInfo  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarinfo')")  
<sup>K</sup> ~cbBarInfo

`$#+KK!` **cbBarInfo::IsExpanded**

**bool IsExpanded() const**

Returns TRUE if this bar is expanded.

---

`^bBarInfo::IsExpanded`  
`^bbarinfoisexpanded`  
`^rowse00083`  
`K cbBarInfo IsExpanded`  
`K IsExpanded`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbarinfo')")`



`$#+KK!` **cbBarInfo::IsFixed**

**bool IsFixed() const**

Returns TRUE if this bar is fixed.

---

`^bBarInfo::IsFixed`

`^bbarinfoisfixed`

`^rowse00084`

`^cbBarInfo IsFixed`

`^IsFixed`

`^nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbbarinfo')")`

**cbBarSpy::cbBarSpy**

**cbBarSpy(wxFrameLayout\* *pPanel*)**<sup>K</sup>

Constructor, taking a parent pane.

**cbBarSpy()**<sup>K</sup>

Default constructor.

---

<sup>C</sup>bBarSpy::cbBarSpy

<sup>C</sup>bBarSpy::cbBarSpy

<sup>b</sup>rowse00087

<sup>K</sup> cbBarSpy cbBarSpy

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

<sup>K</sup> cbBarSpy

<sup>K</sup> cbBarSpy

**cbBarSpy::ProcessEvent**

**bool ProcessEvent(wxEvent& event)**<sup>K</sup>

Performs special event processing.

---

<sup>C</sup>bBarSpy::ProcessEvent

<sup>C</sup>bbarspyprocessevent

<sup>b</sup>rowse00088

<sup>K</sup> cbBarSpy ProcessEvent

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

<sup>K</sup> ProcessEvent

**`$#+K!cbBarSpy::SetBarWindow`**

**`void SetBarWindow(wxWindow* pWnd)K`**

Sets the bar window.

---

`CbBarSpy::SetBarWindow`

`Cbbarspysetbarwindow`

`browse00089`

`KcbBarSpy SetBarWindow`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbbarspy')")`

`KSetBarWindow`

**\$#+K!cbCloseBox::Draw**

**void Draw(wxDC& dc)<sup>K</sup>**

Draws the close button appearance.

---

<sup>c</sup>bCloseBox::Draw

<sup>c</sup>bcloseboxdraw

<sup>b</sup>rowse00091

<sup>K</sup>cbCloseBox Draw

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

<sup>K</sup>Draw

**cbCollapseBox::Draw**

**void Draw(wxDC& dc)**

Draws the collapse button appearance.

---

**cbCollapseBox::Draw**  
**cbcollapseboxdraw**  
**rowse00093**  
**cbCollapseBox Draw**  
**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbcollapsebox')")**  
**Draw**

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

**`cbCustomizeBarEvent(cbBarInfo* pBar, const wxPoint& clickPos, cbDockPane* pPane)K`**

Constructor, taking bar information, mouse position, and pane.

---

`CbCustomizeBarEvent::cbCustomizeBarEvent`  
`Cbcustomizebareventcbcustomizebarevent`  
`browse00096`  
`K cbCustomizeBarEvent cbCustomizeBarEvent`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `bccustomizebarevent')")`  
`K cbCustomizeBarEvent`

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

**`cbCustomizeLayoutEvent(const wxPoint& clickPos)K`**

Constructor, taking mouse position.

---

`CbCustomizeLayoutEvent::cbCustomizeLayoutEvent  
Cbcustomizelayouteventcbcustomizelayoutevent  
browse00098  
KcbCustomizeLayoutEvent cbCustomizeLayoutEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbcustomizelayoutevent')")  
KcbCustomizeLayoutEvent`



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

**`cbDimInfo(cbBarDimHandlerBase* pDimHandler, bool isFixed)`**<sup>K</sup>

Constructor. `isFixed` is `TRUE` if vertical/horizontal dimensions cannot be manually adjusted by the user using resizing handles. If `FALSE`, the frame-layout automatically places resizing handles among bars that do are not fixed.

**`cbDimInfo(int dh_x, int dh_y, int dv_x, int dv_y, int f_x, int f_y, bool isFixed = TRUE, int horizGap = 6, int vertGap = 6, cbBarDimHandlerBase* pDimHandler = NULL)`**<sup>K</sup>

Constructor taking dimension information. `dh_x`, `dh_y` are the dimensions when docked horizontally. `dv_x`, `dv_y` are the dimensions when docked vertically. `f_x`, `f_y` are the dimensions when floating. For information on `isFixed`, see comments above. `horizGap` is the left/right gap, separating decorations from the bar's actual window, filled with the frame's background colour. The dimension is given in the frame's coordinates. `vertGap` is the top/bottom gap, separating decorations from the bar's actual window, filled with the frame's background colour. The dimension is given in the frame's coordinates.

**`cbDimInfo(int x, int y, bool isFixed = TRUE, int gap = 6, cbBarDimHandlerBase* pDimHandler = NULL)`**<sup>K</sup>

Constructor.

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

Default constructor.

---

```
cbDimInfo::cbDimInfo
cbdiminfocbdiminfo
browse00100
K cbDimInfo cbDimInfo
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdiminfo')")
K cbDimInfo
K cbDimInfo
K cbDimInfo
K cbDimInfo
```

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

**$\sim$ cbDimInfo()<sup>K</sup>**

Destructor. Destroys handler automatically, if present.

---

<sup>c</sup>bDimInfo::~~cbDimInfo

<sup>c</sup>bdiminfodtor

<sup>b</sup>rowse00101

<sup>K</sup>cbDimInfo ~cbDimInfo

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

<sup>K</sup>~cbDimInfo

**$\$#+K!$ cbDimInfo::GetDimHandler**

**cbBarDimHandlerBase\* GetDimHandler()**<sup>K</sup>

Returns the handler, if any.

---

<sup>c</sup>bDimInfo::GetDimHandler

<sup>c</sup>bdiminfogetdimhandler

<sup>b</sup>rowse00102

<sup>K</sup> cbDimInfo GetDimHandler

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

<sup>K</sup> GetDimHandler

\$#+K! **cbDimInfo::operator=**

**const cbDimInfo& operator operator=(const cbDimInfo& *other*)**<sup>K</sup>

Assignment operator.

---

<sup>c</sup>bDimInfo::operator=  
<sup>c</sup>bdiminfooperatorassign  
<sup>b</sup>rowse00103  
<sup>K</sup> cbDimInfo operator=  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdiminfo')")  
<sup>K</sup> operator=

**cbDockBox::Draw**

**void Draw(wxDC& dc)**

Draws the dock button appearance.

---

**cbDockBox::Draw**

**cbdockboxdraw**

**rowse00105**

**cbDockBox Draw**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockbox')")**

**Draw**

**cbDockPane::cbDockPane**

**cbDockPane**(int *alignment*, wxFrameLayout\* *pPanel*)<sup>K</sup>

Constructor, taking alignment and layout panel.

**cbDockPane**()<sup>K</sup>

public members Default constructor.

---

<sup>C</sup>bDockPane::cbDockPane

<sup>C</sup>bdockpanecbdockpane

<sup>b</sup>rowse00107

<sup>K</sup> cbDockPane cbDockPane

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

<sup>K</sup> cbDockPane

<sup>K</sup> cbDockPane

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

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

Destructor.

---

<sup>C</sup>`bDockPane::~cbDockPane`

<sup>C</sup>`bdockpanedtor`

<sup>b</sup>`rowse00108`

<sup>K</sup>`cbDockPane ~cbDockPane`

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

<sup>K</sup>`~cbDockPane`

**\$#+K!cbDockPane::BarPresent**

**bool BarPresent(cbBarInfo\* *pBar*)<sup>K</sup>**

Returns TRUE if the given bar is present in this pane.

---

<sup>C</sup>bDockPane::BarPresent

<sup>C</sup>bdockpanebarpresent

<sup>b</sup>rowse00109

<sup>K</sup>cbDockPane BarPresent

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

<sup>K</sup>BarPresent



**`$#+K!cbDockPane::CalcLengthRatios`**

**`void CalcLengthRatios(cbRowInfo* pInRow)K`**

Calculate lengths. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::CalcLengthRatios`

<sup>C</sup>`bdockpanecalclengthratios`

<sup>b</sup>`rowse00110`

<sup>K</sup>`cbDockPane CalcLengthRatios`

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

<sup>K</sup>`CalcLengthRatios`

**`$#+K!cbDockPane::ContractBar`**

**`void ContractBar(cbBarInfo* pBar)K`**

Contracts the bar. Internal function called by plugins.

---

`CbDockPane::ContractBar`

`Cbdockpanecontractbar`

`browse00111`

`KcbDockPane ContractBar`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KContractBar`

**`$#+K!cbDockPane::DoInsertBar`**

**`void DoInsertBar(cbBarInfo* pBar, int rowNo)K`**

Inserts the bar at the given row number. Internal function called by plugins.

---

`CbDockPane::DoInsertBar`

`Cbdockpanedoininsertbar`

`browse00112`

`KcbDockPane DoInsertBar`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KDoInsertBar`

**`$#+K!cbDockPane::DrawHorizHandle`**

**`void DrawHorizHandle(wxDC& dc, int x, int y, int width)K`**

Row/bar resizing related helper-method.

---

`CbDockPane::DrawHorizHandle`

`Cbdockpanedrawhorizhandle`

`browse00113`

`KcbDockPane DrawHorizHandle`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KDrawHorizHandle`

**`$#+K!cbDockPane::DrawVertHandle`**

**`void DrawVertHandle(wxDC& dc, int x, int y, int height)K`**

protected really (accessed only by plugins) Row/bar resizing related helper-method.

---

<sup>C</sup>`bDockPane::DrawVertHandle`

<sup>C</sup>`bdockpanedrawverthandle`

<sup>b</sup>`rowse00114`

<sup>K</sup>`cbDockPane DrawVertHandle`

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

<sup>K</sup>`DrawVertHandle`

**`$#+K!cbDockPane::ExpandBar`**

**`void ExpandBar(cbBarInfo* pBar)K`**

Expands the bar. Internal function called by plugins.

---

<sup>c</sup>bDockPane::ExpandBar

<sup>c</sup>bdockpaneexpandbar

<sup>b</sup>rowse00115

<sup>K</sup> cbDockPane ExpandBar

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

<sup>K</sup> ExpandBar

**`$#+K!cbDockPane::FinishDrawInArea`**

**`void FinishDrawInArea(const wxRect& area)K`**

Generates `cbFinishDrawInAreaEvent` and sends it to the layout. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::FinishDrawInArea`

<sup>C</sup>`bdockpanefinishdrawinarea`

<sup>b</sup>`rowse00116`

<sup>K</sup>`cbDockPane FinishDrawInArea`

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

<sup>K</sup>`FinishDrawInArea`

`$#+K!` **cbDockPane::FrameToPane**

**void FrameToPane(int\* x, int\* y)**<sup>K</sup>

Coordinate translation between parent's frame and this pane. Internal function called by plugins.

**void FrameToPane(wxRect\* pRect)**<sup>K</sup>

Coordinate translation between parent's frame and this pane. Internal function called by plugins.

---

<sup>C</sup>bDockPane::FrameToPane

<sup>C</sup>bdockpaneframetopane

<sup>b</sup>rowse00117

<sup>K</sup> cbDockPane FrameToPane

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

<sup>K</sup> FrameToPane

<sup>K</sup> FrameToPane



**\$#+K!cbDockPane::GetAlignment**

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

Returns the alignment for this pane. The value is one of FL\_ALIGN\_TOP, FL\_ALIGN\_BOTTOM, FL\_ALIGN\_LEFT, FL\_ALIGN\_RIGHT.

---

<sup>C</sup>bDockPane::GetAlignment  
<sup>C</sup>bdockpanegetalignment  
<sup>b</sup>rowse00118  
<sup>K</sup> cbDockPane GetAlignment  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> GetAlignment

**`$#+K!cbDockPane::GetBarInfoByWindow`**

**`cbBarInfo* GetBarInfoByWindow(wxWindow* pBarWnd)K`**

Finds the bar information by corresponding window.

---

`CbDockPane::GetBarInfoByWindow  
Cbdockpanegetbarinfobywindow  
browse00119  
KcbDockPane GetBarInfoByWindow  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
KGetBarInfoByWindow`

**`$#+K!cbDockPane::GetBarResizeRange`**

**`void GetBarResizeRange(cbBarInfo* pBar, int* from, int* till, bool forLeftHandle)`**<sup>K</sup>

Returns the bar's resize range.

---

<sup>C</sup>bDockPane::GetBarResizeRange

<sup>C</sup>bdockpanegetbarresizerange

<sup>b</sup>rowse00120

<sup>K</sup> cbDockPane GetBarResizeRange

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

<sup>K</sup> GetBarResizeRange

**\$#+K!cbDockPane::GetDockingState**

**int GetDockingState()**<sup>K</sup>

Returns wxCBAR\_DOCKED\_HORIZONTALLY if the alignment is top or bottom, or wxCBAR\_DOCKED\_VERTICALLY otherwise.

---

<sup>C</sup>bDockPane::GetDockingState  
<sup>C</sup>bdockpanegetdockingstate  
<sup>b</sup>rowse00121  
<sup>K</sup> cbDockPane GetDockingState  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> GetDockingState

**\$#+K!cbDockPane::GetFirstRow**

**cbRowInfo\* GetFirstRow()**<sup>K</sup>

Returns the first row.

---

<sup>c</sup>bDockPane::GetFirstRow

<sup>c</sup>bdockpanegetfirstrow

<sup>b</sup>rowse00122

<sup>K</sup> cbDockPane GetFirstRow

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

<sup>K</sup> GetFirstRow

**`$#+K!cbDockPane::GetMinimalRowHeight`**

**`int GetMinimalRowHeight(cbRowInfo* pRow)K`**

Returns the minimal row height for the given row. Internal function called by plugins.

---

`CbDockPane::GetMinimalRowHeight  
Cbdockpanegetminimalrowheight  
browse00123  
K cbDockPane GetMinimalRowHeight  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
K GetMinimalRowHeight`

**`$#+K!cbDockPane::GetNotFixedBarsCount`**

**`int GetNotFixedBarsCount(cbRowInfo* pRow)K`**

Returns the number of bars whose size is not fixed. Internal function called by plugins.

---

`CbDockPane::GetNotFixedBarsCount  
Cbdockpanegetnotfixedbarscount  
browse00124  
K cbDockPane GetNotFixedBarsCount  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
K GetNotFixedBarsCount`

**\$#+K!cbDockPane::GetPaneHeight**

**int GetPaneHeight()**<sup>K</sup>

Returns the height in the pane's coordinates.

---

<sup>C</sup>bDockPane::GetPaneHeight  
<sup>C</sup>bdockpanegetpaneheight  
<sup>b</sup>rowse00125  
<sup>K</sup> cbDockPane GetPaneHeight  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> GetPaneHeight



**\$#+K!cbDockPane::GetRealRect**

**wxRect& GetRealRect()**<sup>K</sup>

Returns the bounds of the pane, in parent coordinates.

---

<sup>C</sup>bDockPane::GetRealRect  
<sup>C</sup>bdockpanegetrealrect  
<sup>b</sup>rowse00126  
<sup>K</sup> cbDockPane GetRealRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> GetRealRect

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

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

protected really (accessed only by plugins) Returns the row info for a row index. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::GetRow`

<sup>C</sup>`bdockpanegetrow`

<sup>b</sup>`rowse00127`

<sup>K</sup>`cbDockPane GetRow`

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

<sup>K</sup>`GetRow`

\$#+K! **cbDockPane::GetRowAt**

**int GetRowAt(int *paneY*)**<sup>K</sup>

Returns the row at the given vertical position. Returns -1 if the row is not present at given vertical position. Internal function called by plugins.

**int GetRowAt(int *upperY*, int *lowerY*)**<sup>K</sup>

Returns the row between the given vertical positions. Returns -1 if the row is not present. Internal function called by plugins.

---

<sup>C</sup> bDockPane::GetRowAt

<sup>C</sup> bdockpanegetrowat

<sup>b</sup> rowse00128

<sup>K</sup> cbDockPane GetRowAt

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

<sup>K</sup> GetRowAt

<sup>K</sup> GetRowAt

**`$#+K!cbDockPane::GetRowIndex`**

**`int GetRowIndex(cbRowInfo* pRow)K`**

Returns the row index for the given row info. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::GetRowIndex`

<sup>C</sup>`bdockpanegetrowindex`

<sup>b</sup>`rowse00129`

<sup>K</sup>`cbDockPane GetRowIndex`

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

<sup>K</sup>`GetRowIndex`

**`$#+K!cbDockPane::GetRowList`**

**`RowArrayT& GetRowList()`**<sup>K</sup>

Returns an array of rows. Used by updates-managers.

---

`cbDockPane::GetRowList`  
`cbdockpanegetrowlist`  
`browse00130`  
`KcbDockPane GetRowList`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbdockpane')")`  
`KGetRowList`

**`$#+K!cbDockPane::GetRowResizeRange`**

**`void GetRowResizeRange(cbRowInfo* pRow, int* from, int* till, bool  
forUpperHandle)K`**

Returns the row's resize range.

---

`CbDockPane::GetRowResizeRange  
Cbdockpanegetrowresizerange  
browse00131  
K cbDockPane GetRowResizeRange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
K GetRowResizeRange`

**`$#+K!cbDockPane::GetRowShapeData`**

**`void GetRowShapeData(cbRowInfo* pRow, wxList* pLst)K`**

Returns row shape data. `cbBarShapeData` objects will be added to the given `pLst`. `cbBarShapeData` is used for storing the original bar's positions in the row, when the 'non-destructive-friction' option is turned on.

---

<sup>C</sup>`bDockPane::GetRowShapeData`

<sup>C</sup>`bdockpanegetrowshapedata`

<sup>b</sup>`rowse00132`

<sup>K</sup>`cbDockPane GetRowShapeData`

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

<sup>K</sup>`GetRowShapeData`

**`$#+K!cbDockPane::GetRowY`**

**`int GetRowY(cbRowInfo* pRow)`**<sup>K</sup>

Gets the vertical position at the given row. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::GetRowY`

<sup>C</sup>`bdockpanegetrowy`

<sup>b</sup>`rowse00133`

<sup>K</sup>`cbDockPane GetRowY`

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

<sup>K</sup>`GetRowY`



**$\$#+K!$ cbDockPane::HasNotFixedBarsLeft**

**bool HasNotFixedBarsLeft(cbBarInfo\* *pBar*)<sup>K</sup>**

Returns TRUE if there are any variable-sized rows to the left of this one. Internal function called by plugins.

---

<sup>C</sup>bDockPane::HasNotFixedBarsLeft  
<sup>C</sup>bdockpanehasnotfixedbarsleft  
<sup>b</sup>rowse00134  
<sup>K</sup> cbDockPane HasNotFixedBarsLeft  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> HasNotFixedBarsLeft

**`$#+K!cbDockPane::HasNotFixedBarsRight`**

**`bool HasNotFixedBarsRight(cbBarInfo* pBar)K`**

Returns TRUE if there are any variable-sized rows to the right of this one. Internal function called by plugins.

---

`CbDockPane::HasNotFixedBarsRight  
Cbdockpanehasnotfixedbarsright  
browse00135  
K cbDockPane HasNotFixedBarsRight  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
K HasNotFixedBarsRight`

**$\$#+K!$  `cbDockPane::HasNotFixedRowsAbove`**

**`bool HasNotFixedRowsAbove(cbRowInfo* pRow)`**<sup>K</sup>

Returns TRUE if there are any variable-sized rows above this one. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::HasNotFixedRowsAbove`  
<sup>C</sup>`bdockpanehasnotfixedrowsabove`  
<sup>b</sup>`rowse00136`  
<sup>K</sup> `cbDockPane HasNotFixedRowsAbove`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`  
<sup>K</sup> `HasNotFixedRowsAbove`

**`$#+K!cbDockPane::HasNotFixedRowsBelow`**

**`bool HasNotFixedRowsBelow(cbRowInfo* pRow)K`**

Returns TRUE if there are any variable-sized rows below this one. Internal function called by plugins.

---

`CbDockPane::HasNotFixedRowsBelow  
Cbdockpanehasnotfixedrowsbelow  
browse00137  
KcbDockPane HasNotFixedRowsBelow  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
KHasNotFixedRowsBelow`

**`$#+K!cbDockPane::HasPoint`**

**`bool HasPoint(const wxPoint& pos, int x, int y, int width, int height)`**<sup>K</sup>

Returns TRUE if pos is within the given rectangle. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::HasPoint`

<sup>C</sup>`bdockpanehaspoint`

<sup>b</sup>`rowse00138`

<sup>K</sup>`cbDockPane HasPoint`

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

<sup>K</sup>`HasPoint`

<sup>\$#+K!</sup>**cbDockPane::HitTestPanelItems**

**int HitTestPanelItems(const wxPoint& pos, cbRowInfo\*\* ppRow, cbBarInfo\*\* ppBar)<sup>K</sup>**

Returns the result of hit-testing items in the pane. See CB\_HITTEST\_RESULT enumerated type. pos is the position in this pane's coordinates.

---

<sup>c</sup>bDockPane::HitTestPanelItems

<sup>c</sup>bdockpanehitestpaneitems

<sup>b</sup>rowse00139

<sup>K</sup> cbDockPane HitTestPanelItems

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

<sup>K</sup> HitTestPanelItems

**`$#+K!cbDockPane::InitLinksForRow`**

**`void InitLinksForRow(cbRowInfo* pRow)K`**

Sets up links between bars. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::InitLinksForRow`

<sup>C</sup>`bdockpaneinitlinksforrow`

<sup>b</sup>`rowse00140`

<sup>K</sup>`cbDockPane InitLinksForRow`

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

<sup>K</sup>`InitLinksForRow`

**`$#+K!cbDockPane::InitLinksForRows`**

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

Sets up links between bars. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::InitLinksForRows`

<sup>C</sup>`bdockpaneinitlinksforrows`

<sup>b</sup>`rowse00141`

<sup>K</sup>`cbDockPane InitLinksForRows`

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

<sup>K</sup>`InitLinksForRows`



**`$#+K!cbDockPane::InsertBar`**

**`void InsertBar(cbBarInfo* pBarInfo)`**<sup>K</sup>

Inserts bar and sets its position according to the preferred settings given in pBarInfo.

**`void InsertBar(cbBarInfo* pBar, const wxRect& rect)`**<sup>K</sup>

Inserts the bar into this pane. rect is given in the parent frame's coordinates.

**`void InsertBar(cbBarInfo* pBar, cbRowInfo* pIntoRow)`**<sup>K</sup>

Inserts the bar into the given row, with dimensions and position stored in pBarInfo->mBounds. Returns the node of inserted bar.

---

<sup>C</sup>bDockPane::InsertBar

<sup>C</sup>bdockpaneinsertbar

<sup>b</sup>rowse00142

<sup>K</sup>cbDockPane InsertBar

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

<sup>K</sup>InsertBar

<sup>K</sup>InsertBar

<sup>K</sup>InsertBar

**`$#+K!cbDockPane::InsertRow`**

**`void InsertRow(cbRowInfo* pRow, cbRowInfo* pBeforeRow)K`**

Inserts a row. Does not refresh the inserted row immediately. If pBeforeRowNode is NULL, the row is appended to the end of pane's row list.

---

<sup>C</sup>bDockPane::InsertRow

<sup>C</sup>bdockpaneinsertrow

<sup>b</sup>rowse00143

<sup>K</sup>cbDockPane InsertRow

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

<sup>K</sup>InsertRow

**`$#+K!cbDockPane::IsFixedSize`**

**`bool IsFixedSize(cbBarInfo* pInfo)K`**

Returns TRUE if the bar's dimension information indicates a fixed size. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::IsFixedSize`

<sup>C</sup>`bdockpaneisfixedsize`

<sup>b</sup>`rowse00144`

<sup>K</sup>`cbDockPane IsFixedSize`

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

<sup>K</sup>`IsFixedSize`

**cbDockPane::IsHorizontal**

**bool IsHorizontal()**

Returns TRUE if the pane is aligned to the top or bottom.

---

**cbDockPane::IsHorizontal**

**cbdockpaneishorizontal**

**rowse00145**

**cbDockPane IsHorizontal**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")**

**IsHorizontal**

**`$#+K!cbDockPane::MatchesMask`**

**`bool MatchesMask(int paneMask)K`**

Returns TRUE if the given mask matches the pane's mask.

---

<sup>C</sup>`bDockPane::MatchesMask`

<sup>C</sup>`bdockpanematchesmask`

<sup>b</sup>`rowse00146`

<sup>K</sup>`cbDockPane MatchesMask`

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

<sup>K</sup>`MatchesMask`

**`cbDockPane::PaintBar`**

**`void PaintBar(cbBarInfo* pBar, wxDC& dc)`**<sup>K</sup>

Calls PaintBarDecorations and PaintBarHandles. Internal function called by plugins.

---

`cbDockPane::PaintBar`

`cbdockpanepaintbar`

`rowse00147`

`cbDockPane PaintBar`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`PaintBar`

**`$#+K!cbDockPane::PaintBarDecorations`**

**`void PaintBarDecorations(cbBarInfo* pBar, wxDC& dc)K`**

protected really (accessed only by plugins) Generates a `cbDrawBarDecorEvent` and sends it to the layout to paint the bar decorations. Internal function called by plugins.

---

`CbDockPane::PaintBarDecorations`

`Cbdockpanepaintbardecorations`

`browse00148`

`KcbDockPane PaintBarDecorations`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KPaintBarDecorations`

**`$#+K!cbDockPane::PaintBarHandles`**

**`void PaintBarHandles(cbBarInfo* pBar, wxDC& dc)K`**

Generates a `cbDrawBarHandlesEvent` and sends it to the layout to paint the bar handles. Internal function called by plugins.

---

`CbDockPane::PaintBarHandles`

`Cbdockpanepaintbarhandles`

`browse00149`

`KcbDockPane PaintBarHandles`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KPaintBarHandles`



**`$#+K!cbDockPane::PaintPane`**

**`void PaintPane(wxDC& dc)`**<sup>K</sup>

Paints the pane background, the row background and decorations, and finally the pane decorations. Internal function called by plugins.

---

<sup>C</sup>bDockPane::PaintPane  
<sup>C</sup>bdockpanepaintpane  
<sup>b</sup>rowse00150  
<sup>K</sup> cbDockPane PaintPane  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> PaintPane

**`$#+K!cbDockPane::PaintPaneBackground`**

**`void PaintPaneBackground(wxDC& dc)K`**

Generates `cbDrawPaneBkGroundEvent` and sends it to the layout. Internal function called by plugins.

---

`CbDockPane::PaintPaneBackground`  
`Cbdockpanepaintpanebackground`  
`browse00151`  
`K cbDockPane PaintPaneBackground`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`  
`K PaintPaneBackground`

`$#+K!` **cbDockPane::PaintPaneDecorations**

**void PaintPaneDecorations(wxDC& dc)<sup>K</sup>**

Generates cbDrawPaneDecorEvent and sends it to the layout. Internal function called by plugins.

---

`CbDockPane::PaintPaneDecorations`

`Cbdockpanepaintpanedecorations`

`browse00152`

`K cbDockPane PaintPaneDecorations`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`K PaintPaneDecorations`

**`$#+K!cbDockPane::PaintRow`**

**`void PaintRow(cbRowInfo* pRow, wxDC& dc)K`**

Calls PaintRowBackground, PaintRowDecorations, PaintRowHandles. Internal function called by plugins.

---

<sup>C</sup>bDockPane::PaintRow

<sup>C</sup>bdockpanepaintrow

<sup>b</sup>rowse00153

<sup>K</sup>cbDockPane PaintRow

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

<sup>K</sup>PaintRow

**`$#+K!cbDockPane::PaintRowBackground`**

**`void PaintRowBackground(cbRowInfo* pRow, wxDC& dc)`**<sup>K</sup>

Generates cbDrawRowBkGroundEvent and sends it to the layout. Internal function called by plugins.

---

<sup>C</sup>bDockPane::PaintRowBackground

<sup>C</sup>bdockpanepaintrowbackground

<sup>b</sup>rowse00154

<sup>K</sup> cbDockPane PaintRowBackground

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

<sup>K</sup> PaintRowBackground

**`cbDockPane::PaintRowDecorations`**

**`void PaintRowDecorations(cbRowInfo* pRow, wxDC& dc)`**<sup>K</sup>

Calls PaintBarDecorations for each row. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::PaintRowDecorations`

<sup>C</sup>`bdockpanepaintrowdecorations`

<sup>b</sup>`rowse00155`

<sup>K</sup>`cbDockPane PaintRowDecorations`

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

<sup>K</sup>`PaintRowDecorations`

**`$#+K!cbDockPane::PaintRowHandles`**

**`void PaintRowHandles(cbRowInfo* pRow, wxDC& dc)`**<sup>K</sup>

Generates cbDrawRowHandlesEvent and cbDrawRowDecorEvent and sends them to the layout. Internal function called by plugins.

---

<sup>C</sup>bDockPane::PaintRowHandles

<sup>C</sup>bdockpanepaintrowhandles

<sup>b</sup>rowse00156

<sup>K</sup>cbDockPane PaintRowHandles

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

<sup>K</sup>PaintRowHandles

**`$#+K!cbDockPane::PaneToFrame`**

**`void PaneToFrame(wxRect* pRect)`**<sup>K</sup>

Coordinate translation between parent's frame and this pane. Internal function called by plugins.

**`void PaneToFrame(int* x, int* y)`**<sup>K</sup>

Coordinate translation between parent's frame and this pane. Internal function called by plugins.

---

`cbDockPane::PaneToFrame`

`cbdockpanepanetoframe`

`browse00157`

`KcbDockPane PaneToFrame`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KPaneToFrame`

`KPaneToFrame`



**`$#+K!cbDockPane::RecalcLayout`**

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

Generates events to perform layout calculations.

---

<sup>C</sup>`bDockPane::RecalcLayout`

<sup>C</sup>`bdockpanerecalclayout`

<sup>b</sup>`rowse00158`

<sup>K</sup>`cbDockPane RecalcLayout`

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

<sup>K</sup>`RecalcLayout`

**`$#+K!cbDockPane::RecalcRowLayout`**

**`void RecalcRowLayout(cbRowInfo* pRow)K`**

Generates a `cbLayoutRowEvent` event to recalculate row layouts. Internal function called by plugins.

---

`CbDockPane::RecalcRowLayout  
Cbdockpanerecalcrowlayout  
browse00159  
K cbDockPane RecalcRowLayout  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
K RecalcRowLayout`

**`$#+K!cbDockPane::RemoveBar`**

**`void RemoveBar(cbBarInfo* pBar)K`**

Removes the bar from this pane. Does not destroy the bar.

---

<sup>C</sup>bDockPane::RemoveBar

<sup>C</sup>bdockpaneremovebar

<sup>b</sup>rowse00160

<sup>K</sup> cbDockPane RemoveBar

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

<sup>K</sup> RemoveBar

**\$#+K!cbDockPane::RemoveRow**

**void RemoveRow(cbRowInfo\* *pRow*)<sup>K</sup>**

Removes the row from this pane. Does not destroy the row object.

---

<sup>C</sup>bDockPane::RemoveRow

<sup>C</sup>bdockpaneremoverow

<sup>b</sup>rowse00161

<sup>K</sup> cbDockPane RemoveRow

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

<sup>K</sup> RemoveRow

`$#+K!` **cbDockPane::ResizeBar**

**void ResizeBar**(**cbBarInfo\*** *pBar*, **int** *ofs*, **bool** *forLeftHandle*)<sup>K</sup>

Row/bar resizing related helper-method.

---

<sup>C</sup>bDockPane::ResizeBar

<sup>C</sup>bdockpaneresizebar

<sup>b</sup>rowse00162

<sup>K</sup> cbDockPane ResizeBar

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

<sup>K</sup> ResizeBar

**`$#+K!cbDockPane::ResizeRow`**

**`void ResizeRow(cbRowInfo* pRow, int ofs, bool forUpperHandle)K`**

Row/bar resizing related helper-method.

---

`CbDockPane::ResizeRow`

`Cbdockpaneresizerow`

`browse00163`

`KcbDockPane ResizeRow`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KResizeRow`

**`$#+K!cbDockPane::SetBoundsInParent`**

**`void SetBoundsInParent(const wxRect& rect)K`**

Set the position and dimensions of the pane in the parent frame's coordinates.

---

<sup>C</sup>`bDockPane::SetBoundsInParent`

<sup>C</sup>`bdockpanesetboundsinparent`

<sup>b</sup>`rowse00164`

<sup>K</sup>`cbDockPane SetBoundsInParent`

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

<sup>K</sup>`SetBoundsInParent`

**`$#+K!cbDockPane::SetMargins`**

**`void SetMargins(int top, int bottom, int left, int right)K`**

Sets pane's margins in frame's coordinate orientations.

---

<sup>C</sup>`bDockPane::SetMargins`

<sup>C</sup>`bdockpanesetmargins`

<sup>b</sup>`rowse00165`

<sup>K</sup>`cbDockPane SetMargins`

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

<sup>K</sup>`SetMargins`



**\$#+K!cbDockPane::SetPaneWidth**

**void SetPaneWidth(int *width*)**<sup>K</sup>

Sets pane's width in the pane's coordinates (including margins).

---

<sup>C</sup>bDockPane::SetPaneWidth

<sup>C</sup>bdockpanesetpanewidth

<sup>b</sup>rowse00166

<sup>K</sup> cbDockPane SetPaneWidth

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

<sup>K</sup> SetPaneWidth

**`$#+K!cbDockPane::SetRowHeight`**

**`void SetRowHeight(cbRowInfo* pRow, int newHeight)K`**

Sets the row height for the given height. newHeight includes the height of row handles, if present. Internal function called by plugins.

---

<sup>C</sup>bDockPane::SetRowHeight

<sup>C</sup>bdockpanesetrowheight

<sup>b</sup>rowse00167

<sup>K</sup> cbDockPane SetRowHeight

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

<sup>K</sup> SetRowHeight

**`$#+K!cbDockPane::SetRowShapeData`**

**`void SetRowShapeData(cbRowInfo* pRowNode, wxList* pLst)K`**

Sets the shape data for the given row, using the data provided in pLst. cbBarShapeData is used for storing the original bar's positions in the row, when the 'non-destructive-friction' option is turned on.

---

<sup>C</sup>bDockPane::SetRowShapeData

<sup>C</sup>bdockpanesetrowshapedata

<sup>b</sup>rowse00168

<sup>K</sup> cbDockPane SetRowShapeData

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

<sup>K</sup> SetRowShapeData

**\$#+K!cbDockPane::SizeBar**

**void SizeBar(cbBarInfo\* pBar)<sup>K</sup>**

Generates a cbSizeBarWndEvent and sends it to the layout. Internal function called by plugins.

---

<sup>C</sup>bDockPane::SizeBar

<sup>C</sup>bdockpanesizebar

<sup>b</sup>rowse00169

<sup>K</sup>cbDockPane SizeBar

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

<sup>K</sup>SizeBar

**\$#+K!cbDockPane::SizePaneObjects**

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

Calls SizeRowObjects for each row. Internal function called by plugins.

---

<sup>C</sup>bDockPane::SizePaneObjects  
<sup>C</sup>bdockpanesizepaneobjects  
<sup>b</sup>rowse00170  
<sup>K</sup> cbDockPane SizePaneObjects  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")  
<sup>K</sup> SizePaneObjects

**`$#+K!cbDockPane::SizeRowObjects`**

**`void SizeRowObjects(cbRowInfo* pRow)K`**

Calls SizeBar for each bar in the row. Internal function called by plugins.

---

`CbDockPane::SizeRowObjects`

`Cbdockpanesizerowobjects`

`browse00171`

`KcbDockPane SizeRowObjects`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KSizeRowObjects`

**`$#+K!cbDockPane::StartDrawInArea`**

**`wxDC* StartDrawInArea(const wxRect& area)K`**

Generates `cbStartDrawInAreaEvent` and sends it to the layout. Internal function called by plugins.

---

`CbDockPane::StartDrawInArea`

`Cbdockpanestartdrawinarea`

`browse00172`

`KcbDockPane StartDrawInArea`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdockpane')")`

`KStartDrawInArea`

**`$#+K!cbDockPane::SyncRowFlags`**

**`void SyncRowFlags(cbRowInfo* pRow)`**<sup>K</sup>

Sets up flags in the row information structure, so that they match the changed state of row items correctly. Internal function called by plugins.

---

<sup>C</sup>`bDockPane::SyncRowFlags`

<sup>C</sup>`bdockpanesyncrowflags`

<sup>b</sup>`rowse00173`

<sup>K</sup>`cbDockPane SyncRowFlags`

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

<sup>K</sup>`SyncRowFlags`



**`cbDrawBarDecorEvent::cbDrawBarDecorEvent`**

**`cbDrawBarDecorEvent(cbBarInfo* pBar, wxDC& dc, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking bar information, device context, and pane.

---

<sup>C</sup>`bDrawBarDecorEvent::cbDrawBarDecorEvent`

<sup>C</sup>`bdrawbardecortcbdrawbardecort`

<sup>b</sup>`rowse00175`

<sup>K</sup>`cbDrawBarDecorEvent cbDrawBarDecorEvent`

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

<sup>K</sup>`cbDrawBarDecorEvent`

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

**`cbDrawBarHandlesEvent(cbBarInfo* pBar, wxDC& dc, cbDockPane* pPane)K`**

Constructor, taking bar information, device context, and pane.

---

<sup>C</sup>`bDrawBarHandlesEvent::cbDrawBarHandlesEvent`

<sup>C</sup>`bdrawbarhandleseventcbdrawbarhandlesevent`

<sup>b</sup>`rowse00177`

<sup>K</sup>`cbDrawBarHandlesEvent cbDrawBarHandlesEvent`

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

<sup>K</sup>`cbDrawBarHandlesEvent`

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

**`cbDrawHintRectEvent(const wxRect& rect, bool isInClient, bool eraseRect, bool lastTime)K`**

e.g. with fat/hatched border Constructor, taking hint rectangle and three flags.

---

<sup>C</sup>`bDrawHintRectEvent::cbDrawHintRectEvent`  
<sup>C</sup>`bdrawhintrecteventcbdrawhintrectevent`  
<sup>b</sup>`rowse00179`  
<sup>K</sup>`cbDrawHintRectEvent cbDrawHintRectEvent`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbdrawhintrectevent')")`  
<sup>K</sup>`cbDrawHintRectEvent`

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

**`cbDrawPaneBkGroundEvent(wxDC& dc, cbDockPane* pPane)K`**

Constructor, taking device context and pane.

---

<sup>C</sup>`bDrawPaneBkGroundEvent::cbDrawPaneBkGroundEvent`

<sup>C</sup>`bdrawpanebkgroundeventcbdrawpanebkgroundevent`

<sup>b</sup>`rowse00181`

<sup>K</sup>`cbDrawPaneBkGroundEvent cbDrawPaneBkGroundEvent`

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

<sup>K</sup>`cbDrawPaneBkGroundEvent`

**`cbDrawPaneDecorEvent::cbDrawPaneDecorEvent`**

**`cbDrawPaneDecorEvent(wxDC& dc, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking device context and pane.

---

<sup>C</sup>`bDrawPaneDecorEvent::cbDrawPaneDecorEvent`

<sup>C</sup>`bdrawpanedecoreventcbdrawpanedecorevent`

<sup>b</sup>`rowse00183`

<sup>K</sup>`cbDrawPaneDecorEvent cbDrawPaneDecorEvent`

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

<sup>K</sup>`cbDrawPaneDecorEvent`

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

**`cbDrawRowBkGroundEvent(cbRowInfo* pRow, wxDC& dc, cbDockPane* pPane)K`**

Constructor, taking row information, device context, and pane.

---

<sup>C</sup>`bDrawRowBkGroundEvent::cbDrawRowBkGroundEvent`

<sup>C</sup>`bdrawrowbkgroundeventcbdrawrowbkgroundevent`

<sup>b</sup>`rowse00185`

<sup>K</sup>`cbDrawRowBkGroundEvent cbDrawRowBkGroundEvent`

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

<sup>K</sup>`cbDrawRowBkGroundEvent`

**`cbDrawRowDecorEvent::cbDrawRowDecorEvent`**

**`cbDrawRowDecorEvent(cbRowInfo* pRow, wxDC& dc, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking row information, device context, and pane.

---

<sup>C</sup>`bDrawRowDecorEvent::cbDrawRowDecorEvent`

<sup>C</sup>`bdrawrowdecoreventcbdrawrowdecorevent`

<sup>b</sup>`rowse00187`

<sup>K</sup>`cbDrawRowDecorEvent cbDrawRowDecorEvent`

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

<sup>K</sup>`cbDrawRowDecorEvent`

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

**`cbDrawRowHandlesEvent(cbRowInfo* pRow, wxDC& dc, cbDockPane* pPane)K`**

Constructor, taking row information, device context, and pane.

---

<sup>C</sup>`bDrawRowHandlesEvent::cbDrawRowHandlesEvent`

<sup>C</sup>`bdrawrowhandleseventcbdrawrowhandlesevent`

<sup>b</sup>`rowse00189`

<sup>K</sup>`cbDrawRowHandlesEvent cbDrawRowHandlesEvent`

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

<sup>K</sup>`cbDrawRowHandlesEvent`



**`cbDynToolBarDimHandler::OnChangeBarState`**

**`void OnChangeBarState(cbBarInfo* pBar, int newState)`**<sup>K</sup>

Called when the bar changes state.

---

<sup>C</sup>bDynToolBarDimHandler::OnChangeBarState

<sup>C</sup>bdyntoolbardimhandleronchangebarstate

<sup>b</sup>rowse00191

<sup>K</sup> cbDynToolBarDimHandler OnChangeBarState

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

<sup>K</sup> OnChangeBarState

**`cbDynToolBarDimHandler::OnResizeBar`**

**`void OnResizeBar(cbBarInfo* pBar, const wxSize& given, wxSize& preferred)`**<sup>K</sup>

Called when a bar is resized.

---

<sup>C</sup>`bDynToolBarDimHandler::OnResizeBar`

<sup>C</sup>`bdyntoolbardimhandleronresizebar`

<sup>b</sup>`rowse00192`

<sup>K</sup>`cbDynToolBarDimHandler OnResizeBar`

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

<sup>K</sup>`OnResizeBar`

**`cbFinishDrawInAreaEvent::cbFinishDrawInAreaEvent`**

**`cbFinishDrawInAreaEvent(const wxRect& area, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking rectangular area and pane.

---

`cbFinishDrawInAreaEvent::cbFinishDrawInAreaEvent`

`cbfinishdrawinareaeventcbfinishdrawinareaevent`

`rowse00194`

`cbFinishDrawInAreaEvent cbFinishDrawInAreaEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbfinishdrawinareaevent')")`

`cbFinishDrawInAreaEvent`

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

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

Default constructor.

---

<sup>C</sup>bFloatedBarWindow::cbFloatedBarWindow  
<sup>C</sup>bfloatedbarwindowcbfloatedbarwindow  
<sup>b</sup>rowse00196  
<sup>K</sup> cbFloatedBarWindow cbFloatedBarWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")  
<sup>K</sup> cbFloatedBarWindow

**`$#+K!cbFloatedBarWindow::GetBar`**

**`cbBarInfo* GetBar()`**<sup>K</sup>

Returns the bar information for this window.

---

<sup>C</sup>bFloatedBarWindow::GetBar  
<sup>C</sup>bfloatedbarwindowgetbar  
<sup>b</sup>rowse00197  
<sup>K</sup> cbFloatedBarWindow GetBar  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")  
<sup>K</sup> GetBar

**`$#+K!cbFloatedBarWindow::GetPreferredSize`**

**`wxSize GetPreferredSize(const wxSize& given)K`**

Overridden function returning the preferred size.

---

<sup>C</sup>`bFloatedBarWindow::GetPreferredSize`

<sup>C</sup>`bfloatedbarwindowgetpreferredsize`

<sup>b</sup>`rowse00198`

<sup>K</sup>`cbFloatedBarWindow GetPreferredSize`

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

<sup>K</sup>`GetPreferredSize`

**`$#+K!cbFloatedBarWindow::HandleTitleClick`**

**`bool HandleTitleClick(wxMouseEvent& event)K`**

Overridden function responding to mouse button clicks on the titlebar.

---

`CbFloatedBarWindow::HandleTitleClick  
Cbfloatedbarwindowhandletitleclick  
browse00199  
KcbFloatedBarWindow HandleTitleClick  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")  
KHandleTitleClick`

`$#+K!cbFloatedBarWindow::OnDbIClick`

`void OnDbIClick(wxMouseEvent& event)K`

Responds to double-click mouse events.

---

`cbFloatedBarWindow::OnDbIClick`

`cbfloatedbarwindowondbclick`

`browse00200`

`KcbFloatedBarWindow OnDbIClick`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")`

`KOnDbIClick`



**`$#+K!cbFloatedBarWindow::OnMiniButtonClicked`**

**`void OnMiniButtonClicked(int btnIdx)K`**

Overridden function responding to mouse clicks on mini-buttons.

---

`CbFloatedBarWindow::OnMiniButtonClicked  
Cbfloatedbarwindowonminibuttonclicked  
browse00201  
K cbFloatedBarWindow OnMiniButtonClicked  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")  
K OnMiniButtonClicked`

`$#+K!` **cbFloatedBarWindow::PositionFloatedWnd**

**void PositionFloatedWnd**(*int scrX, int scrY, int width, int height*)<sup>K</sup>

Position the floating window. The given coordinates are those of the bar itself; the floated container window's position and size are adjusted accordingly.

---

`CbFloatedBarWindow::PositionFloatedWnd`  
`Cbfloatedbarwindowpositionfloatedwnd`  
`browse00202`  
`K cbFloatedBarWindow PositionFloatedWnd`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbfloatedbarwindow')")`  
`K PositionFloatedWnd`

**`$#+K!cbFloatedBarWindow::SetBar`**

**`void SetBar(cbBarInfo* pBar)K`**

Sets the bar information for this window.

---

<sup>C</sup>bFloatedBarWindow::SetBar

<sup>C</sup>bfloatedbarwindowsetbar

<sup>b</sup>rowse00203

<sup>K</sup> cbFloatedBarWindow SetBar

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

<sup>K</sup> SetBar

**`cbFloatedBarWindow::SetLayout`**

**`void SetLayout(wxFrameLayout* pLayout)`**<sup>K</sup>

Sets the layout for this window.

---

<sup>C</sup>`bFloatedBarWindow::SetLayout`

<sup>C</sup>`bfloatedbarwindowsetlayout`

<sup>b</sup>`rowse00204`

<sup>K</sup>`cbFloatedBarWindow SetLayout`

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

<sup>K</sup>`SetLayout`

**`cbGCUpdatesMgr::cbGCUpdatesMgr`**

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

Default constructor.

**`cbGCUpdatesMgr(wxFrameLayout* pPanel)`**<sup>K</sup>

Constructor, taking a frame layout.

---

```
cbGCUpdatesMgr::cbGCUpdatesMgr
cbgcupdatesmgrcbgcupdatesmgr
rowse00206
cbGCUpdatesMgr cbGCUpdatesMgr
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbgcupdatesmgr')")
cbGCUpdatesMgr
cbGCUpdatesMgr
```

**`$#+K!cbGCUpdatesMgr::AddItem`**

**`void AddItem(wxList& itemList, cbBarInfo* pBar, cbDockPane* pPane, wxRect& curBounds, wxRect& prevBounds)`**<sup>K</sup>

Internal function for repositioning items.

---

<sup>C</sup>bGCUpdatesMgr::AddItem

<sup>C</sup>bgcupdatesmgradditem

<sup>b</sup>rowse00207

<sup>K</sup> cbGCUpdatesMgr AddItem

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

<sup>K</sup> AddItem

**`$#+K!cbGCUpdatesMgr::DoRepositionItems`**

**`void DoRepositionItems(wxList& items)K`**

Internal function for repositioning items.

---

<sup>C</sup>`bGCUpdatesMgr::DoRepositionItems`

<sup>C</sup>`bgcupdatesmgrdorepositionitems`

<sup>b</sup>`rowse00208`

<sup>K</sup>`cbGCUpdatesMgr DoRepositionItems`

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

<sup>K</sup>`DoRepositionItems`

**`$#+K!cbGCUpdatesMgr::OnStartChanges`**

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

Receives notifications from the frame layout.

---

<sup>C</sup>bGCUpdatesMgr::OnStartChanges

<sup>C</sup>bgcupdatesmgronstartchanges

<sup>b</sup>rowse00209

<sup>K</sup> cbGCUpdatesMgr OnStartChanges

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

<sup>K</sup> OnStartChanges



**`$#+K!cbGCUpdatesMgr::UpdateNow`**

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

Refreshes the parts of the frame layout which need an update.

---

`c`<sub>bGCUpdatesMgr::UpdateNow</sub>  
`c`<sub>bgcupdatesmgrupdatenow</sub>  
`b`<sub>rowse00210</sub>  
`K`<sub>cbGCUpdatesMgr UpdateNow</sub>  
`E`<sub>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbgcupdatesmgr')")</sub>  
`K`<sub>UpdateNow</sub>

**`cbHintAnimationPlugin::cbHintAnimationPlugin`**

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

Default constructor.

**`cbHintAnimationPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor, taking a layout panel and pane mask.

---

<sup>C</sup>`cbHintAnimationPlugin::cbHintAnimationPlugin`

<sup>C</sup>`bhintanimationplugincbhintanimationplugin`

<sup>b</sup>`rowse00212`

<sup>K</sup>`cbHintAnimationPlugin cbHintAnimationPlugin`

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

<sup>K</sup>`cbHintAnimationPlugin`

<sup>K</sup>`cbHintAnimationPlugin`

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

**$\sim$ cbHintAnimationPlugin()<sup>K</sup>**

Destructor.

---

<sup>C</sup>bHintAnimationPlugin::~~cbHintAnimationPlugin

<sup>C</sup>bhintanimationplugindtor

<sup>b</sup>rowse00213

<sup>K</sup>cbHintAnimationPlugin ~cbHintAnimationPlugin

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

<sup>K</sup>~cbHintAnimationPlugin

<sup>S#+K!</sup>**cbHintAnimationPlugin::DoDrawHintRect**

**void DoDrawHintRect**(**wxRect&** *rect*, **bool** *isInClientRect*)<sup>K</sup>

Internal function for drawing a hint rectangle.

---

<sup>C</sup>bHintAnimationPlugin::DoDrawHintRect

<sup>C</sup>bhintanimationplugindodrawhintrect

<sup>b</sup>rowse00214

<sup>K</sup> cbHintAnimationPlugin DoDrawHintRect

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

<sup>K</sup> DoDrawHintRect

**`cbHintAnimationPlugin::DrawHintRect`**

**`void DrawHintRect(wxRect& rect, bool isInClientRect)`**<sup>K</sup>

Internal function for drawing a hint rectangle.

---

<sup>C</sup>`bHintAnimationPlugin::DrawHintRect`

<sup>C</sup>`bhintanimationplugindrawhintrect`

<sup>b</sup>`rowse00215`

<sup>K</sup>`cbHintAnimationPlugin DrawHintRect`

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

<sup>K</sup>`DrawHintRect`

**`$#+K!cbHintAnimationPlugin::EraseHintRect`**

**`void EraseHintRect(wxRect& rect, bool isInClientRect)`**<sup>K</sup>

Internal function for erasing a hint rectangle.

---

<sup>C</sup>`bHintAnimationPlugin::EraseHintRect`

<sup>C</sup>`bhintanimationpluginerasehintrect`

<sup>b</sup>`rowse00216`

<sup>K</sup>`cbHintAnimationPlugin EraseHintRect`

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

<sup>K</sup>`EraseHintRect`

**`$#+K!cbHintAnimationPlugin::FinishTracking`**

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

Internal function for finishing tracking.

---

<sup>C</sup>`bHintAnimationPlugin::FinishTracking`  
<sup>C</sup>`bhintanimationpluginfinishtracking`  
<sup>b</sup>`rowse00217`  
<sup>K</sup>`cbHintAnimationPlugin FinishTracking`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbhintanimationplugin')")`  
<sup>K</sup>`FinishTracking`

**`$#+K!cbHintAnimationPlugin::OnDrawHintRect`**

**`void OnDrawHintRect(cbDrawHintRectEvent& event)K`**

Event handler respoding to hint draw events.

---

<sup>C</sup>`bHintAnimationPlugin::OnDrawHintRect`

<sup>C</sup>`bhintanimationpluginondrawhintrect`

<sup>b</sup>`rowse00218`

<sup>K</sup>`cbHintAnimationPlugin OnDrawHintRect`

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

<sup>K</sup>`OnDrawHintRect`



**`$#+K!cbHintAnimationPlugin::RectToScr`**

**`void RectToScr(wxRect& frameRect, wxRect& scrRect)K`**

Internal function for translating coordinates.

---

<sup>C</sup>`bHintAnimationPlugin::RectToScr`

<sup>C</sup>`bhintanimationpluginrecttoscr`

<sup>b</sup>`rowse00219`

<sup>K</sup>`cbHintAnimationPlugin RectToScr`

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

<sup>K</sup>`RectToScr`

**`$#+K!cbHintAnimationPlugin::StartTracking`**

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

speed is constant. Default: TRUE TBD:: get/set methods for above members Internal function for starting tracking.

---

<sup>C</sup>`bHintAnimationPlugin::StartTracking`

<sup>C</sup>`bhintanimationpluginstarttracking`

<sup>b</sup>`rowse00220`

<sup>K</sup>`cbHintAnimationPlugin StartTracking`

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

<sup>K</sup>`StartTracking`

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

**`cbInsertBarEvent(cbBarInfo* pBar, cbRowInfo* pIntoRow, cbDockPane* pPane)K`**

Constructor, taking bar information, row information, and pane.

---

`CbInsertBarEvent::cbInsertBarEvent  
Cbinsertbareventcbinsertbarevent  
browse00222  
KcbInsertBarEvent cbInsertBarEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbinsertbarevent')")  
KcbInsertBarEvent`

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

**`cbLayoutRowEvent(cbRowInfo* pRow, cbDockPane* pPane)K`**

Constructor, taking row information and pane.

---

`CbLayoutRowEvent::cbLayoutRowEvent  
Cblayoutroweventcblayoutrowevent  
browse00224  
KcbLayoutRowEvent cbLayoutRowEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cblayoutrowevent')")  
KcbLayoutRowEvent`

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

**`cbLayoutRowsEvent(cbDockPane* pPane)K`**

Constructor, taking pane.

---

`cbLayoutRowsEvent::cbLayoutRowsEvent  
cblayoutrowseventcblayoutrowsevent  
browse00226  
KcbLayoutRowsEvent cbLayoutRowsEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cblayoutrowsevent')")  
KcbLayoutRowsEvent`

**`cbLeftDClickEvent::cbLeftDClickEvent`**

**`cbLeftDClickEvent(const wxPoint& pos, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking mouse position and pane.

---

`cbLeftDClickEvent::cbLeftDClickEvent`

`cbLeftDClickEventcbLeftDClickEvent`

`rowse00228`

`cbLeftDClickEvent cbLeftDClickEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbLeftDClickEvent')")`

`cbLeftDClickEvent`

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

**`cbLeftDownEvent(const wxPoint& pos, cbDockPane* pPane)K`**

Constructor, taking mouse position and pane.

---

`CbLeftDownEvent::cbLeftDownEvent  
Cbleftdowneventcbleftdownevent  
browse00230  
KcbLeftDownEvent cbLeftDownEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbleftdownevent')")  
KcbLeftDownEvent`

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

**`cbLeftUpEvent(const wxPoint& pos, cbDockPane* pPane)K`**

Constructor, taking mouse position and pane.

---

`CbLeftUpEvent::cbLeftUpEvent`

`Cbleftupeventcbleftupevent`

`browse00232`

`KcbLeftUpEvent cbLeftUpEvent`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbleftupevent')")`

`KcbLeftUpEvent`



`$#+K!cbMiniButton::cbMiniButton`

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

Default constructor.

---

`cbMiniButton::cbMiniButton`

`cbminibuttoncbminibutton`

`browse00234`

`KcbMiniButtoncbMiniButton`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbminibutton')")`

`KcbMiniButton`

`$#+K!cbMiniButton::Draw`

`void Draw(wxDC& dc)K`

Draws the button. Override this to implement the desired appearance.

---

`CbMiniButton::Draw`

`Cbminibuttondraw`

`browse00235`

`KcbMiniButton Draw`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbminibutton')")`

`KDraw`

**`$#+K!cbMiniButton::Enable`**

**`void Enable(bool enable)K`**

Enable or disable the button.

---

<sup>c</sup>`bMiniButton::Enable`

<sup>c</sup>`bminibuttonenable`

<sup>b</sup>`rowse00236`

<sup>K</sup>`cbMiniButton Enable`

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

<sup>K</sup>`Enable`

**`$#+K!cbMiniButton::HitTest`**

**`bool HitTest(const wxPoint& pos)K`**

Returns TRUE if the given position was over the button.

---

<sup>C</sup>`bMiniButton::HitTest`

<sup>C</sup>`bminibuttonhittest`

<sup>b</sup>`rowse00237`

<sup>K</sup>`cbMiniButton HitTest`

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

<sup>K</sup>`HitTest`

**\$#+K!cbMiniButton::IsPressed**

**bool IsPressed()**<sup>K</sup>

Returns TRUE if this button is pressed.

---

<sup>C</sup>bMiniButton::IsPressed  
<sup>C</sup>bminibuttonispressed  
<sup>b</sup>rowse00238  
<sup>K</sup> cbMiniButton IsPressed  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbminibutton')")  
<sup>K</sup> IsPressed

**`cbMiniButton::OnLeftDown`**

**`void OnLeftDown(const wxPoint& pos)`**<sup>K</sup>

Responds to a left down event.

---

<sup>C</sup>`bMiniButton::OnLeftDown`

<sup>C</sup>`bminibuttononleftdown`

<sup>b</sup>`rowse00239`

<sup>K</sup>`cbMiniButton OnLeftDown`

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

<sup>K</sup>`OnLeftDown`

**`cbMiniButton::OnLeftUp`**

**`void OnLeftUp(const wxPoint& pos)`**<sup>K</sup>

Responds to a left up event.

---

<sup>C</sup>`bMiniButton::OnLeftUp`

<sup>C</sup>`bminibuttononleftup`

<sup>b</sup>`rowse00240`

<sup>K</sup>`cbMiniButton OnLeftUp`

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

<sup>K</sup>`OnLeftUp`

**`cbMiniButton::OnMotion`**

**`void OnMotion(const wxPoint& pos)`**<sup>K</sup>

Responds to a mouse move event.

---

<sup>C</sup>`bMiniButton::OnMotion`

<sup>C</sup>`bminibuttononmotion`

<sup>b</sup>`rowse00241`

<sup>K</sup>`cbMiniButton OnMotion`

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

<sup>K</sup>`OnMotion`



**cbMiniButton::Refresh**

**void Refresh()**

Refreshes the button.

---

**cbMiniButton::Refresh**

**cbminibuttonrefresh**

**rowse00242**

**cbMiniButton Refresh**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbminibutton')")**

**Refresh**

**cbMiniButton::Reset**

**void Reset()**

Reset the button.

---

**cbMiniButton::Reset**

**cbminibuttonreset**

**rowse00243**

**cbMiniButton Reset**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbminibutton')")**

**Reset**

**`cbMiniButton::SetPos`**

**`void SetPos(const wxPoint& pos)`**<sup>K</sup>

Set the position of the button.

---

<sup>C</sup>`bMiniButton::SetPos`

<sup>C</sup>`bminibuttonsetpos`

<sup>b</sup>`rowse00244`

<sup>K</sup>`cbMiniButton SetPos`

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

<sup>K</sup>`SetPos`

**\$#+K!cbMiniButton::WasClicked**

**bool WasClicked()**<sup>K</sup>

Returns TRUE if the button was clicked.

---

<sup>C</sup>bMiniButton::WasClicked

<sup>C</sup>bminibuttonwasclicked

<sup>b</sup>rowse00245

<sup>K</sup> cbMiniButton WasClicked

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

<sup>K</sup> WasClicked

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

**`cbMotionEvent(const wxPoint& pos, cbDockPane* pPane)K`**

Constructor, taking mouse position and pane.

---

`CbMotionEvent::cbMotionEvent`

`Cbmotioneventcbmotionevent`

`browse00247`

`KcbMotionEvent cbMotionEvent`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbmotionevent')")`

`KcbMotionEvent`

**`cbPaneDrawPlugin::cbPaneDrawPlugin`**

**`cbPaneDrawPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor taking frame layout pane and a pane mask.

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

Default constructor.

---

<sup>C</sup>`bPaneDrawPlugin::cbPaneDrawPlugin`  
<sup>C</sup>`bpanedrawplugin``cbpanedrawplugin`  
<sup>b</sup>`rowse00249`  
<sup>K</sup>`cbPaneDrawPlugin` `cbPaneDrawPlugin`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup>`cbPaneDrawPlugin`  
<sup>K</sup>`cbPaneDrawPlugin`

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

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

Destructor.

---

<sup>c</sup>`bPaneDrawPlugin::~~cbPaneDrawPlugin`

<sup>c</sup>`bpanedrawplugindtor`

<sup>b</sup>`rowse00250`

<sup>K</sup>`cbPaneDrawPlugin ~cbPaneDrawPlugin`

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

<sup>K</sup>`~cbPaneDrawPlugin`

**`$#+K!cbPaneDrawPlugin::Clone`**

**`cbPluginBase* Clone()`**<sup>K</sup>

Clone function, returning a new instance of this class.

---

<sup>c</sup>bPaneDrawPlugin::Clone  
<sup>c</sup>bpanedrawpluginclone  
<sup>b</sup>rowse00251  
<sup>K</sup> cbPaneDrawPlugin Clone  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> Clone



**`cbPaneDrawPlugin::DrawBarInnerShadeRect`**

**`void DrawBarInnerShadeRect(cbBarInfo* pBar, wxDC& dc)`**<sup>K</sup>

Internal helper: draws the inner bar shading.

---

<sup>C</sup>bPaneDrawPlugin::DrawBarInnerShadeRect  
<sup>C</sup>bpanedrawplugindrawbarinnershadirect  
<sup>b</sup>rowse00252  
<sup>K</sup> cbPaneDrawPlugin DrawBarInnerShadeRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> DrawBarInnerShadeRect

**`cbPaneDrawPlugin::DrawDraggedHandle`**

**`void DrawDraggedHandle(const wxPoint& pos, cbDockPane& pane)`**<sup>K</sup>

Internal helper: draws the dragged handle.

---

<sup>C</sup>`bPaneDrawPlugin::DrawDraggedHandle`  
<sup>C</sup>`bpanedrawplugindrawdraggedhandle`  
<sup>b</sup>`rowse00253`  
<sup>K</sup>`cbPaneDrawPlugin DrawDraggedHandle`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup>`DrawDraggedHandle`

**`$#+K!cbPaneDrawPlugin::DrawLowerRowHandle`**

**`void DrawLowerRowHandle(cbRowInfo* pRow, wxDC& dc)`**<sup>K</sup>

Internal helper: draws the lower row handle.

---

<sup>C</sup>bPaneDrawPlugin::DrawLowerRowHandle  
<sup>C</sup>bpanedrawplugindrawlowerrowhandle  
<sup>b</sup>rowse00254  
<sup>K</sup> cbPaneDrawPlugin DrawLowerRowHandle  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> DrawLowerRowHandle

**`cbPaneDrawPlugin::DrawLowerRowShades`**

**`void DrawLowerRowShades(cbRowInfo* pRow, wxDC& dc, int level)`**<sup>K</sup>

Internal helper: draws the lower row shading.

---

<sup>C</sup>`bPaneDrawPlugin::DrawLowerRowShades`

<sup>C</sup>`bpanedrawplugindrawlowerrowshades`

<sup>b</sup>`rowse00255`

<sup>K</sup>`cbPaneDrawPlugin DrawLowerRowShades`

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

<sup>K</sup>`DrawLowerRowShades`

**`$#+K!cbPaneDrawPlugin::DrawPaneShade`**

**`void DrawPaneShade(wxDC& dc, int alignment)K`**

Internal helper: draws the pane shading.

---

`CbPaneDrawPlugin::DrawPaneShade  
Cbpanedrawplugindrawpaneshade  
browse00256  
KcbPaneDrawPlugin DrawPaneShade  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")  
KDrawPaneShade`

**`$#+K!cbPaneDrawPlugin::DrawPaneShadeForRow`**

**`void DrawPaneShadeForRow(cbRowInfo* pRow, wxDC& dc)K`**

Internal helper: draws the pane shading for a row.

---

`CbPaneDrawPlugin::DrawPaneShadeForRow`

`Cbpanedrawplugindrawpaneshadeforrow`

`browse00257`

`KcbPaneDrawPlugin DrawPaneShadeForRow`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")`

`KDrawPaneShadeForRow`

**`cbPaneDrawPlugin::DrawShade`**

**`void DrawShade(int level, wxRect& rect, int alignment, wxDC& dc)`**<sup>K</sup>

Internal helper: draws shading.

---

<sup>C</sup>`bPaneDrawPlugin::DrawShade`  
<sup>C</sup>`bpanedrawplugindrawshade`  
<sup>b</sup>`rowse00258`  
<sup>K</sup>`cbPaneDrawPlugin DrawShade`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup>`DrawShade`

**`cbPaneDrawPlugin::DrawShade1`**

**`void DrawShade1(int level, wxRect& rect, int alignment, wxDC& dc)`**<sup>K</sup>

Internal helper: draws shading.

---

<sup>C</sup>`bPaneDrawPlugin::DrawShade1`  
<sup>C</sup>`bpanedrawplugindrawshade1`  
<sup>b</sup>`rowse00259`  
<sup>K</sup>`cbPaneDrawPlugin DrawShade1`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup>`DrawShade1`



**`$#+K!cbPaneDrawPlugin::DrawUpperRowHandle`**

**`void DrawUpperRowHandle(cbRowInfo* pRow, wxDC& dc)K`**

Internal helper: draws the upper row handle.

---

`CbPaneDrawPlugin::DrawUpperRowHandle  
Cbpanedrawplugindrawupperrowhandle  
browse00260  
KcbPaneDrawPlugin DrawUpperRowHandle  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
KDrawUpperRowHandle`

**`cbPaneDrawPlugin::DrawUpperRowShades`**

**`void DrawUpperRowShades(cbRowInfo* pRow, wxDC& dc, int level)`**<sup>K</sup>

Internal helper: draws the upper row shading.

---

<sup>C</sup>`bPaneDrawPlugin::DrawUpperRowShades`

<sup>C</sup>`bpanedrawplugindrawupperrowshades`

<sup>b</sup>`rowse00261`

<sup>K</sup>`cbPaneDrawPlugin DrawUpperRowShades`

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

<sup>K</sup>`DrawUpperRowShades`

**`$#+K!cbPaneDrawPlugin::OnDrawBarDecorations`**

**`void OnDrawBarDecorations(cbDrawBarDecorEvent& event)K`**

Handler for draw bar decorations events.

---

<sup>C</sup>bPaneDrawPlugin::OnDrawBarDecorations

<sup>C</sup>bpanedrawpluginondrawbardecorations

<sup>b</sup>rowse00262

<sup>K</sup>cbPaneDrawPlugin OnDrawBarDecorations

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

<sup>K</sup>OnDrawBarDecorations

<sup>\$#+K!</sup>**cbPaneDrawPlugin::OnDrawBarHandles**

**void OnDrawBarHandles(cbDrawBarHandlesEvent& *event*)**<sup>K</sup>

Handler for draw bar handles events.

---

<sup>c</sup>bPaneDrawPlugin::OnDrawBarHandles  
<sup>c</sup>bpanedrawpluginondrawbarhandles  
<sup>b</sup>rowse00263  
<sup>K</sup> cbPaneDrawPlugin OnDrawBarHandles  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnDrawBarHandles

**`cbPaneDrawPlugin::OnDrawPaneBackground`**

**`void OnDrawPaneBackground(cbDrawPaneBkGroundEvent& event)`**<sup>K</sup>

Handler for draw pane background events.

---

`cbPaneDrawPlugin::OnDrawPaneBackground`  
`cbpanedrawpluginondrawpanebackground`  
`rowse00264`  
<sup>K</sup> `cbPaneDrawPlugin OnDrawPaneBackground`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup> `OnDrawPaneBackground`

**`$#+K!cbPaneDrawPlugin::OnDrawPaneDecorations`**

**`void OnDrawPaneDecorations(cbDrawPaneDecorEvent& event)K`**

Handler for draw pane decoration events.

---

<sup>C</sup>bPaneDrawPlugin::OnDrawPaneDecorations  
<sup>C</sup>bpanedrawpluginondrawpanedecorations  
<sup>b</sup>rowse00265  
<sup>K</sup> cbPaneDrawPlugin OnDrawPaneDecorations  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnDrawPaneDecorations

**`$#+K!cbPaneDrawPlugin::OnDrawRowBackground`**

**`void OnDrawRowBackground(cbDrawRowBkGroundEvent& event)K`**

Handler for draw row background events.

---

`CbPaneDrawPlugin::OnDrawRowBackground`

`Cbpanedrawpluginondrawrowbackground`

`browse00266`

`KcbPaneDrawPlugin OnDrawRowBackground`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")`

`KOnDrawRowBackground`

**`cbPaneDrawPlugin::OnDrawRowDecorations`**

**`void OnDrawRowDecorations(cbDrawRowDecorEvent& event)`**<sup>K</sup>

Handler for draw row decoration events.

---

<sup>C</sup>`bPaneDrawPlugin::OnDrawRowDecorations`

<sup>C</sup>`bpanedrawpluginondrawrowdecorations`

<sup>b</sup>`rowse00267`

<sup>K</sup>`cbPaneDrawPlugin OnDrawRowDecorations`

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

<sup>K</sup>`OnDrawRowDecorations`



**\$#+K!cbPaneDrawPlugin::OnDrawRowHandles**

**void OnDrawRowHandles(cbDrawRowHandlesEvent& *event*)<sup>K</sup>**

Handler for draw row handles events.

---

<sup>C</sup>bPaneDrawPlugin::OnDrawRowHandles  
<sup>C</sup>bpanedrawpluginondrawrowhandles  
<sup>b</sup>rowse00268  
<sup>K</sup> cbPaneDrawPlugin OnDrawRowHandles  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnDrawRowHandles

**`$#+K!cbPaneDrawPlugin::OnFinishDrawInArea`**

**`void OnFinishDrawInArea(cbFinishDrawInAreaEvent& event)K`**

Handler for finish draw in area events.

---

`CbPaneDrawPlugin::OnFinishDrawInArea  
Cbpanedrawpluginonfinishdrawinarea  
browse00269  
KcbPaneDrawPlugin OnFinishDrawInArea  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
KOnFinishDrawInArea`

**`$#+K!cbPaneDrawPlugin::OnLButtonDown`**

**`void OnLButtonDown(cbLeftDownEvent& event)K`**

Handler for left mouse button down events.

---

<sup>C</sup>bPaneDrawPlugin::OnLButtonDown  
<sup>C</sup>bpanedrawpluginonlbuttondown  
<sup>b</sup>rowse00270  
<sup>K</sup> cbPaneDrawPlugin OnLButtonDown  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnLButtonDown

**`cbPaneDrawPlugin::OnLButtonUp`**

**`void OnLButtonUp(cbLeftUpEvent& event)`**<sup>K</sup>

Handler for left mouse button up events.

---

<sup>C</sup>bPaneDrawPlugin::OnLButtonUp  
<sup>C</sup>bpanedrawpluginonlbuttonup  
<sup>b</sup>rowse00271  
<sup>K</sup> cbPaneDrawPlugin OnLButtonUp  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnLButtonUp

**`$#+K!cbPaneDrawPlugin::OnLDbIClick`**

**`void OnLDbIClick(cbLeftDClickEvent& event)K`**

Handler for left double-click mouse button down events.

---

<sup>C</sup>bPaneDrawPlugin::OnLDbIClick  
<sup>C</sup>bpanedrawpluginonldbclick  
<sup>b</sup>rowse00272  
<sup>K</sup> cbPaneDrawPlugin OnLDbIClick  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnLDbIClick

**`cbPaneDrawPlugin::OnMouseMove`**

**`void OnMouseMove(cbMotionEvent& event)`**<sup>K</sup>

Handler for mouse move events.

---

<sup>C</sup>bPaneDrawPlugin::OnMouseMove  
<sup>C</sup>bpanedrawpluginonmousemove  
<sup>b</sup>rowse00273  
<sup>K</sup> cbPaneDrawPlugin OnMouseMove  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnMouseMove

**`cbPaneDrawPlugin::OnRButtonUp`**

**`void OnRButtonUp(cbRightUpEvent& event)`**<sup>K</sup>

Handler for right mouse button up events.

---

<sup>C</sup>bPaneDrawPlugin::OnRButtonUp  
<sup>C</sup>bpanedrawpluginonrbuttonup  
<sup>b</sup>rowse00274  
<sup>K</sup> cbPaneDrawPlugin OnRButtonUp  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnRButtonUp

**`$#+K!cbPaneDrawPlugin::OnSizeBarWindow`**

**`void OnSizeBarWindow(cbSizeBarWndEvent& event)K`**

Handler for bar size events.

---

<sup>C</sup>bPaneDrawPlugin::OnSizeBarWindow

<sup>C</sup>bpanedrawpluginonsizebarwindow

<sup>b</sup>rowse00275

<sup>K</sup>cbPaneDrawPlugin OnSizeBarWindow

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

<sup>K</sup>OnSizeBarWindow



**`cbPaneDrawPlugin::OnStartDrawInArea`**

**`void OnStartDrawInArea(cbStartDrawInAreaEvent& event)`**<sup>K</sup>

Handler for start draw in area events.

---

<sup>C</sup>bPaneDrawPlugin::OnStartDrawInArea  
<sup>C</sup>bpanedrawpluginonstartdrawinarea  
<sup>D</sup>rowse00276  
<sup>K</sup> cbPaneDrawPlugin OnStartDrawInArea  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
<sup>K</sup> OnStartDrawInArea

**`$#+K!cbPaneDrawPlugin::SetDarkPixel`**

**`void SetDarkPixel(int x, int y, wxDC& dc)K`**

Internal helper: sets a dark pixel at the given location.

---

`CbPaneDrawPlugin::SetDarkPixel  
Cbpanedrawpluginsetdarkpixel  
browse00277  
KcbPaneDrawPlugin SetDarkPixel  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")  
KSetDarkPixel`

**`cbPaneDrawPlugin::SetLightPixel`**

**`void SetLightPixel(int x, int y, wxDC& dc)`**<sup>K</sup>

Internal helper: sets a light pixel at the given location.

---

<sup>C</sup>`bPaneDrawPlugin::SetLightPixel`  
<sup>C</sup>`bpanedrawpluginsetlightpixel`  
<sup>D</sup>`rowse00278`  
<sup>K</sup>`cbPaneDrawPlugin SetLightPixel`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpanedrawplugin')")`  
<sup>K</sup>`SetLightPixel`

**cbPluginBase::cbPluginBase**

**cbPluginBase**(wxFrameLayout\* *pPanel*, int *paneMask* = wxALL\_PANES)<sup>K</sup>

Constructor taking layout panel and a mask.

**cbPluginBase**()<sup>K</sup>

Default constructor.

---

<sup>C</sup>bPluginBase::cbPluginBase

<sup>C</sup>bpluginbasecbpluginbase

<sup>D</sup>rowse00280

<sup>K</sup> cbPluginBase cbPluginBase

<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp`, `cbpluginbase`)")

<sup>K</sup> cbPluginBase

<sup>K</sup> cbPluginBase

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

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

Destructor. Destroys the whole plugin chain of connected plugins.

---

<sup>C</sup>`bPluginBase::~~cbPluginBase`

<sup>C</sup>`bpluginbasedtor`

<sup>b</sup>`rowse00281`

<sup>K</sup>`cbPluginBase ~cbPluginBase`

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

<sup>K</sup>`~cbPluginBase`

**`$#+K!cbPluginBase::GetPaneMask`**

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

Returns the pane mask.

---

<sup>C</sup>bPluginBase::GetPaneMask

<sup>C</sup>bpluginbasegetpanemask

<sup>D</sup>rowse00282

<sup>K</sup> cbPluginBase GetPaneMask

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

<sup>K</sup> GetPaneMask

**`$#+K!cbPluginBase::IsReady`**

**`bool IsReady()`**<sup>K</sup>

Returns TRUE if the plugin is ready to receive events.

---

<sup>C</sup>bPluginBase::IsReady  
<sup>C</sup>bpluginbaseisready  
<sup>D</sup>rowse00283  
<sup>K</sup> cbPluginBase IsReady  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpluginbase')")  
<sup>K</sup> IsReady

**\$#+K!cbPluginBase::OnInitPlugin**

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

Override this method to do plugin-specific initialization. At this point plugin is already attached to the frame layout, and pane masks are set.

---

<sup>C</sup>bPluginBase::OnInitPlugin  
<sup>C</sup>bpluginbaseoninitplugin  
<sup>D</sup>rowse00284  
<sup>K</sup> cbPluginBase OnInitPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbpluginbase')")  
<sup>K</sup> OnInitPlugin



**`cbPluginBase::ProcessEvent`**

**`bool ProcessEvent(wxEvent& event)`**<sup>K</sup>

Overridden to determine whether the target pane specified in the event matches the pane mask of this plugin (specific plugins do not override this method).

---

`cbPluginBase::ProcessEvent`

`cbpluginbaseprocessevent`

`rowse00285`

`cbPluginBase ProcessEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpluginbase')")`

`ProcessEvent`

**`cbPluginEvent::cbPluginEvent`**

**`cbPluginEvent(wxEventType eventType, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking event type and pane.

---

<sup>C</sup>`bPluginEvent::cbPluginEvent`

<sup>C</sup>`bplugineventcbpluginevent`

<sup>D</sup>`rowse00287`

<sup>K</sup>`cbPluginEvent cbPluginEvent`

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

<sup>K</sup>`cbPluginEvent`

`$#+KK!` **cbPluginEvent::Clone**

**wxEvent\* Clone() const**

Not used, but required.

---

`^bPluginEvent::Clone`

`^bplugineventclone`

`^rowse00288`

`K cbPluginEvent Clone`

`K Clone`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbpluginevent')")`

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

**`cbRemoveBarEvent(cbBarInfo* pBar, cbDockPane* pPane)K`**

Constructor, taking bar information and pane.

---

<sup>C</sup>`bRemoveBarEvent::cbRemoveBarEvent`

<sup>C</sup>`bremovebareventcbremovebarevent`

<sup>b</sup>`rowse00290`

<sup>K</sup>`cbRemoveBarEvent cbRemoveBarEvent`

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

<sup>K</sup>`cbRemoveBarEvent`

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

**`cbResizeBarEvent(cbBarInfo* pBar, cbRowInfo* pRow, cbDockPane* pPane)K`**

Constructor, taking bar information, row information, and pane.

---

<sup>C</sup>`bResizeBarEvent::cbResizeBarEvent`

<sup>C</sup>`bresizebareventcbresizebarevent`

<sup>b</sup>`rowse00292`

<sup>K</sup>`cbResizeBarEvent cbResizeBarEvent`

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

<sup>K</sup>`cbResizeBarEvent`

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

**`cbResizeRowEvent(cbRowInfo* pRow, int handleOfs, bool forUpperHandle, cbDockPane* pPane)K`**

Constructor, taking row information, two parameters of currently unknown use, and pane.

---

`CbResizeRowEvent::cbResizeRowEvent  
Cbresizeroweventcbresizerowevent  
browse00294  
KcbResizeRowEvent cbResizeRowEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbresizerowevent')")  
KcbResizeRowEvent`

**`cbRightDownEvent::cbRightDownEvent`**

**`cbRightDownEvent(const wxPoint& pos, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking mouse position and pane.

---

`cbRightDownEvent::cbRightDownEvent`

`cbrightdowneventcbrightdownevent`

`rowse00296`

`cbRightDownEvent cbRightDownEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbrightdownevent')")`

`cbRightDownEvent`

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

**`cbRightUpEvent(const wxPoint& pos, cbDockPane* pPane)K`**

Constructor, taking mouse position and pane.

---

`CbRightUpEvent::cbRightUpEvent  
Cbrightupeventcbrightupevent  
browse00298  
K cbRightUpEvent cbRightUpEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbrightupevent')")  
K cbRightUpEvent`



**`cbRowDragPlugin::cbRowDragPlugin`**

**`cbRowDragPlugin(wxFrameLayout* pLayout, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor, taking paren layout frame and pane mask.

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

Default constructor.

---

`cbRowDragPlugin::cbRowDragPlugin`  
`cbrowdragplugincbrowdragplugin`  
`rowse00300`  
`cbRowDragPlugin cbRowDragPlugin`  
`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
`cbRowDragPlugin`  
`cbRowDragPlugin`

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

**$\sim$ cbRowDragPlugin()<sup>K</sup>**

Destructor.

---

<sup>c</sup>bRowDragPlugin::~~cbRowDragPlugin

<sup>c</sup>browdragplugindtor

<sup>b</sup>rowse00301

<sup>K</sup>cbRowDragPlugin ~cbRowDragPlugin

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

<sup>K</sup>~cbRowDragPlugin

**`cbRowDragPlugin::CaptureDCArea`**

**`wxBitmap* CaptureDCArea(wxDC& dc, wxRect& area)`**<sup>K</sup>

Helper for drag and drop.

---

<sup>C</sup>`bRowDragPlugin::CaptureDCArea`

<sup>C</sup>`browdragplugincapturedcare`

<sup>b</sup>`rowse00302`

<sup>K</sup>`cbRowDragPlugin CaptureDCArea`

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

<sup>K</sup>`CaptureDCArea`

**`$#+K!cbRowDragPlugin::CheckPrevItemInFocus`**

**`void CheckPrevItemInFocus(cbRowInfo* pRow, int iconIdx)K`**

Helper for drag and drop.

---

`CbRowDragPlugin::CheckPrevItemInFocus  
Cbrowdragplugincheckpreviteminfofocus  
browse00303  
K cbRowDragPlugin CheckPrevItemInFocus  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
K CheckPrevItemInFocus`

**`$#+K!cbRowDragPlugin::Clone`**

**`cbPluginBase* Clone()`**<sup>K</sup>

Clone function, returning a new instance of this class.

---

<sup>c</sup>bRowDragPlugin::Clone  
<sup>c</sup>browdragpluginclone  
<sup>b</sup>rowse00304  
<sup>K</sup> cbRowDragPlugin Clone  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> Clone

**`$#+K!cbRowDragPlugin::CollapseRow`**

**`void CollapseRow(cbRowInfo* pRow)K`**

Helper for drag and drop.

---

`CbRowDragPlugin::CollapseRow  
Cbrowdragplugincollapserow  
browse00305  
K cbRowDragPlugin CollapseRow  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
K CollapseRow`

**`$#+K!cbRowDragPlugin::Draw3DPattern`**

**`void Draw3DPattern(wxRect& inRect, wxDC& dc)K`**

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::Draw3DPattern`

<sup>C</sup>`browdragplugindraw3dpattern`

<sup>b</sup>`rowse00306`

<sup>K</sup>`cbRowDragPlugin Draw3DPattern`

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

<sup>K</sup>`Draw3DPattern`

**`cbRowDragPlugin::Draw3DRect`**

**`void Draw3DRect(wxRect& inRect, wxDC& dc, wxBrush& bkBrush)`**<sup>K</sup>

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::Draw3DRect`  
<sup>C</sup>`browdragplugindraw3direct`  
<sup>b</sup>`rowse00307`  
<sup>K</sup>`cbRowDragPlugin Draw3DRect`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
<sup>K</sup>`Draw3DRect`



**`$#+K!cbRowDragPlugin::DrawCollapsedRowIcon`**

**`void DrawCollapsedRowIcon(int index, wxDC& dc, bool isHighlighted)K`**

Draws collapsed row icon (appearance-dependent).

---

<sup>C</sup>`bRowDragPlugin::DrawCollapsedRowIcon`

<sup>C</sup>`browdragplugindrawcollapsedrowicon`

<sup>b</sup>`rowse00308`

<sup>K</sup>`cbRowDragPlugin DrawCollapsedRowIcon`

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

<sup>K</sup>`DrawCollapsedRowIcon`

**`$#+K!cbRowDragPlugin::DrawCollapsedRowsBorder`**

**`void DrawCollapsedRowsBorder(wxDC& dc)`**<sup>K</sup>

Draws collapsed rows border (appearance-dependent).

---

<sup>C</sup>`bRowDragPlugin::DrawCollapsedRowsBorder`

<sup>C</sup>`browdragplugindrawcollapsedrowsborder`

<sup>b</sup>`rowse00309`

<sup>K</sup>`cbRowDragPlugin DrawCollapsedRowsBorder`

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

<sup>K</sup>`DrawCollapsedRowsBorder`

**`$#+K!cbRowDragPlugin::DrawEmptyRow`**

**`void DrawEmptyRow(wxDC& dc, wxRect& rowBounds)K`**

Draws empty row (appearance-dependent).

---

<sup>c</sup>`bRowDragPlugin::DrawEmptyRow`

<sup>c</sup>`browdragplugindrawemptyrow`

<sup>b</sup>`rowse00310`

<sup>K</sup>`cbRowDragPlugin DrawEmptyRow`

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

<sup>K</sup>`DrawEmptyRow`

**`cbRowDragPlugin::DrawOrtoRomb`**

**`void DrawOrtoRomb(wxRect& inRect, wxDC& dc, wxBrush& bkBrush)`**<sup>K</sup>

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::DrawOrtoRomb`

<sup>C</sup>`browdragplugindrawortoromb`

<sup>b</sup>`rowse00311`

<sup>K</sup>`cbRowDragPlugin DrawOrtoRomb`

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

<sup>K</sup>`DrawOrtoRomb`

**`$#+K!cbRowDragPlugin::DrawRectShade`**

**`void DrawRectShade(wxRect& inRect, wxDC& dc, int level, wxPen& upperPen, wxPen& lowerPen)K`**

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>bRowDragPlugin::DrawRectShade  
<sup>C</sup>browdragplugindrawrectshade  
<sup>b</sup>rowse00312  
<sup>K</sup> cbRowDragPlugin DrawRectShade  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> DrawRectShade

<sup>\$#+K!</sup>**cbRowDragPlugin::DrawRomb**

**void DrawRomb**(**wxRect&** *inRect*, **wxDC&** *dc*, **wxBrush&** *bkBrush*)<sup>K</sup>

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>c</sup>**bRowDragPlugin::DrawRomb**

<sup>c</sup>**browdragplugindrawromb**

<sup>b</sup>rowse00313

<sup>K</sup> **cbRowDragPlugin DrawRomb**

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

<sup>K</sup> **DrawRomb**

**`$#+K!cbRowDragPlugin::DrawRombShades`**

**`void DrawRombShades(wxPoint& p1, wxPoint& p2, wxPoint& p3, wxPoint& p4,  
wxDC& dc)K`**

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::DrawRombShades`

<sup>C</sup>`browdragplugindrawrombshades`

<sup>b</sup>`rowse00314`

<sup>K</sup>`cbRowDragPlugin DrawRombShades`

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

<sup>K</sup>`DrawRombShades`

<sup>\$#+K!</sup>**cbRowDragPlugin::DrawRowDragHint**

**void DrawRowDragHint(cbRowInfo\* pRow, wxDC& dc, bool isHighlighted)<sup>K</sup>**

Draws row drag hint (appearance-dependent).

---

<sup>C</sup>bRowDragPlugin::DrawRowDragHint

<sup>C</sup>browdragplugindrawrowdraghint

<sup>b</sup>rowse00315

<sup>K</sup> cbRowDragPlugin DrawRowDragHint

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

<sup>K</sup> DrawRowDragHint



**`$#+K!cbRowDragPlugin::DrawRowsDragHintsBorder`**

**`void DrawRowsDragHintsBorder(wxDC& dc)K`**

Draws rows drag hints border (appearance-dependent).

---

<sup>C</sup>`bRowDragPlugin::DrawRowsDragHintsBorder`

<sup>C</sup>`browdragplugindrawrowsdraghintsborder`

<sup>b</sup>`rowse00316`

<sup>K</sup>`cbRowDragPlugin DrawRowsDragHintsBorder`

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

<sup>K</sup>`DrawRowsDragHintsBorder`

**`cbRowDragPlugin::DrawTrianDown`**

**`void DrawTrianDown(wxRect& inRect, wxDC& dc)`**<sup>K</sup>

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::DrawTrianDown`  
<sup>C</sup>`browdragplugindrawtriandown`  
<sup>b</sup>`rowse00317`  
<sup>K</sup>`cbRowDragPlugin DrawTrianDown`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
<sup>K</sup>`DrawTrianDown`

**`cbRowDragPlugin::DrawTrianRight`**

**`void DrawTrianRight(wxRect& inRect, wxDC& dc)`**<sup>K</sup>

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>`bRowDragPlugin::DrawTrianRight`

<sup>C</sup>`browdragplugindrawtrianright`

<sup>b</sup>`rowse00318`

<sup>K</sup>`cbRowDragPlugin DrawTrianRight`

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

<sup>K</sup>`DrawTrianRight`

**`$#+K!cbRowDragPlugin::DrawTrianUp`**

**`void DrawTrianUp(wxRect& inRect, wxDC& dc)K`**

Implements 'hard-coded metafile' for Netscape Navigator look.

---

<sup>C</sup>bRowDragPlugin::DrawTrianUp  
<sup>C</sup>browdragplugindrawtrianup  
<sup>b</sup>rowse00319  
<sup>K</sup> cbRowDragPlugin DrawTrianUp  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> DrawTrianUp

**`$#+K!cbRowDragPlugin::ExpandRow`**

**`void ExpandRow(int collapsedIconIdx)`**<sup>K</sup>

Helper for drag and drop.

---

<sup>C</sup>`bRowDragPlugin::ExpandRow`

<sup>C</sup>`browdragpluginexpandrow`

<sup>b</sup>`rowse00320`

<sup>K</sup>`cbRowDragPlugin ExpandRow`

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

<sup>K</sup>`ExpandRow`

**`$#+K!cbRowDragPlugin::FinishOnScreenDraw`**

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

Helper for drag and drop.

---

<sup>c</sup>bRowDragPlugin::FinishOnScreenDraw  
<sup>c</sup>browdragpluginfinishonscreendraw  
<sup>b</sup>rowse00321  
<sup>K</sup> cbRowDragPlugin FinishOnScreenDraw  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> FinishOnScreenDraw

**\$#+K!cbRowDragPlugin::GetCollapsedIconsPos**

**int GetCollapsedIconsPos()**<sup>K</sup>

Helper for drag and drop.

---

<sup>C</sup>bRowDragPlugin::GetCollapsedIconsPos  
<sup>C</sup>browdragplugingetcollapsediconspos  
<sup>b</sup>rowse00322  
<sup>K</sup> cbRowDragPlugin GetCollapsedIconsPos  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> GetCollapsedIconsPos

**`$#+K!cbRowDragPlugin::GetCollapsedInconRect`**

**`void GetCollapsedInconRect(int iconIdx, wxRect& rect)K`**

Helper for drag and drop.

---

<sup>C</sup>bRowDragPlugin::GetCollapsedInconRect  
<sup>C</sup>browdragplugingetcollapsedinconrect  
<sup>b</sup>rowse00323  
<sup>K</sup> cbRowDragPlugin GetCollapsedInconRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> GetCollapsedInconRect



**\$#+K!cbRowDragPlugin::GetCollapsedRowIconHeight**

**int GetCollapsedRowIconHeight()<sup>K</sup>**

Gets the collapsed row icon height.

---

<sup>C</sup>bRowDragPlugin::GetCollapsedRowIconHeight  
<sup>C</sup>browdragplugingetcollapsedrowiconheight  
<sup>b</sup>rowse00324  
<sup>K</sup> cbRowDragPlugin GetCollapsedRowIconHeight  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> GetCollapsedRowIconHeight

**`$#+K!cbRowDragPlugin::GetFirstRow`**

**`cbRowInfo* GetFirstRow()`**<sup>K</sup>

Helper for drag and drop.

---

<sup>C</sup>`bRowDragPlugin::GetFirstRow`

<sup>C</sup>`browdragplugingetfirstrow`

<sup>b</sup>`rowse00325`

<sup>K</sup>`cbRowDragPlugin GetFirstRow`

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

<sup>K</sup>`GetFirstRow`

**`$#+K!cbRowDragPlugin::GetHRowCountForPane`**

**`int GetHRowCountForPane(cbDockPane* pPane)K`**

Helper for drag and drop.

---

<sup>C</sup>bRowDragPlugin::GetHRowCountForPane  
<sup>C</sup>browdragplugingethrowscountforpane  
<sup>b</sup>rowse00326  
<sup>K</sup> cbRowDragPlugin GetHRowCountForPane  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> GetHRowCountForPane

**`$#+K!cbRowDragPlugin::GetRowDragHintWidth`**

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

Gets the row drag hint width.

---

<sup>C</sup>bRowDragPlugin::GetRowDragHintWidth  
<sup>C</sup>browdragplugingetrowdraghintwidth  
<sup>b</sup>rowse00327  
<sup>K</sup> cbRowDragPlugin GetRowDragHintWidth  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> GetRowDragHintWidth

**`$#+K!cbRowDragPlugin::GetRowHintRect`**

**`void GetRowHintRect(cbRowInfo* pRow, wxRect& rect)K`**

Helper for drag and drop.

---

`CbRowDragPlugin::GetRowHintRect`  
`Cbrowdragplugingetrowhintrect`  
`browse00328`  
`KcbRowDragPlugin GetRowHintRect`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
`KGetRowHintRect`

**`$#+K!cbRowDragPlugin::HitTestCollapsedRowIcon`**

**`bool HitTestCollapsedRowIcon(int iconIdx, const wxPoint& pos)K`**

Test for the collapsed row icon position.

---

<sup>C</sup>bRowDragPlugin::HitTestCollapsedRowIcon  
<sup>C</sup>browdragpluginhittestcollapsedrowicon  
<sup>b</sup>rowse00329  
<sup>K</sup> cbRowDragPlugin HitTestCollapsedRowIcon  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> HitTestCollapsedRowIcon

**`$#+K!cbRowDragPlugin::HitTestRowDragHint`**

**`bool HitTestRowDragHint(cbRowInfo* pRow, const wxPoint& pos)K`**

Test for the row drag hint position.

---

<sup>C</sup>bRowDragPlugin::HitTestRowDragHint  
<sup>C</sup>browdragpluginhittestrowdraghint  
<sup>b</sup>rowse00330  
<sup>K</sup> cbRowDragPlugin HitTestRowDragHint  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> HitTestRowDragHint

**`$#+K!cbRowDragPlugin::InsertDraggedRowBefore`**

**`void InsertDraggedRowBefore(cbRowInfo* pBeforeRow)K`**

Helper for drag and drop.

---

`CbRowDragPlugin::InsertDraggedRowBefore  
Cbrowdragplugininsertdraggedrowbefore  
browse00331  
KcbRowDragPlugin InsertDraggedRowBefore  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
KInsertDraggedRowBefore`



**\$#+K!cbRowDragPlugin::ItemIsInFocus**

**bool ItemIsInFocus()**<sup>K</sup>

Helper for drag and drop.

---

<sup>C</sup>bRowDragPlugin::ItemIsInFocus  
<sup>C</sup>browdragpluginitemisinfocus  
<sup>b</sup>rowse00332  
<sup>K</sup> cbRowDragPlugin ItemIsInFocus  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> ItemIsInFocus

**`$#+K!cbRowDragPlugin::OnDrawPaneBackground`**

**`void OnDrawPaneBackground(cbDrawPaneDecorEvent& event)K`**

Handles pane drawing plugin events (appearance-independent logic).

---

`CbRowDragPlugin::OnDrawPaneBackground  
Cbrowdragpluginondrawpanebackground  
browse00333  
K cbRowDragPlugin OnDrawPaneBackground  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
K OnDrawPaneBackground`

**`$#+K!cbRowDragPlugin::OnInitPlugin`**

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

Called to initialize this plugin.

---

<sup>c</sup>bRowDragPlugin::OnInitPlugin

<sup>c</sup>browdragpluginoninitplugin

<sup>b</sup>rowse00334

<sup>K</sup> cbRowDragPlugin OnInitPlugin

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

<sup>K</sup> OnInitPlugin

**`$#+K!cbRowDragPlugin::OnLButtonDown`**

**`void OnLButtonDown(cbLeftDownEvent& event)K`**

Handles left button down plugin events (appearance-independent logic).

---

`CbRowDragPlugin::OnLButtonDown  
Cbrowdragpluginonlbuttondown  
browse00335  
K cbRowDragPlugin OnLButtonDown  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
K OnLButtonDown`

**`cbRowDragPlugin::OnLButtonUp`**

**`void OnLButtonUp(cbLeftUpEvent& event)`**<sup>K</sup>

Handles left button up plugin events (appearance-independent logic).

---

`cbRowDragPlugin::OnLButtonUp`  
`cbrowdragpluginonlbuttonup`  
`browse00336`  
<sup>K</sup> `cbRowDragPlugin OnLButtonUp`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
<sup>K</sup> `OnLButtonUp`

**`$#+K!cbRowDragPlugin::OnMouseMove`**

**`void OnMouseMove(cbMotionEvent& event)K`**

Handles mouse move plugin events (appearance-independent logic).

---

`CbRowDragPlugin::OnMouseMove  
Cbrowdragpluginonmousemove  
browse00337  
KcbRowDragPlugin OnMouseMove  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
KOnMouseMove`

**`$#+K!cbRowDragPlugin::PrepareForRowDrag`**

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

Helper for drag and drop.

---

<sup>c</sup>bRowDragPlugin::PrepareForRowDrag  
<sup>c</sup>browdragpluginprepareforrowdrag  
<sup>b</sup>rowse00338  
<sup>K</sup> cbRowDragPlugin PrepareForRowDrag  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> PrepareForRowDrag

**`$#+K!cbRowDragPlugin::SetMouseCapture`**

**`void SetMouseCapture(bool captureOn)K`**

Helper for drag and drop.

---

`CbRowDragPlugin::SetMouseCapture  
Cbrowdragpluginsetmousecapture  
browse00339  
KcbRowDragPlugin SetMouseCapture  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
KSetMouseCapture`



**`$#+K!cbRowDragPlugin::SetPaneMargins`**

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

Sets the pane margins.

---

<sup>C</sup>bRowDragPlugin::SetPaneMargins  
<sup>C</sup>browdragpluginsetpanemargins  
<sup>b</sup>rowse00340  
<sup>K</sup> cbRowDragPlugin SetPaneMargins  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> SetPaneMargins

**`$#+K!cbRowDragPlugin::ShowDraggedRow`**

**`void ShowDraggedRow(int offset)K`**

Helper for drag and drop.

---

<sup>C</sup>bRowDragPlugin::ShowDraggedRow  
<sup>C</sup>browdragpluginshowdraggedrow  
<sup>b</sup>rowse00341  
<sup>K</sup> cbRowDragPlugin ShowDraggedRow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")  
<sup>K</sup> ShowDraggedRow

**`$#+K!` cbRowDragPlugin::ShowPanelImage**

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

Helper for drag and drop.

---

`cbRowDragPlugin::ShowPanelImage`  
`cbrowdragpluginshowpaneimage`  
`browse00342`  
`K cbRowDragPlugin ShowPaneImage`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowdragplugin')")`  
`K ShowPaneImage`

**`$#+K!cbRowDragPlugin::UnhighlightItemInFocus`**

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

Helper for drag and drop.

---

<sup>C</sup>`bRowDragPlugin::UnhighlightItemInFocus`

<sup>C</sup>`browdragpluginunhighlightiteminfocus`

<sup>b</sup>`rowse00343`

<sup>K</sup>`cbRowDragPlugin UnhighlightItemInFocus`

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

<sup>K</sup>`UnhighlightItemInFocus`

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

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

Constructor.

---

<sup>C</sup>`bRowInfo::cbRowInfo`  
<sup>C</sup>`browinfocbrowinfo`  
<sup>b</sup>`rowse00345`  
<sup>K</sup>`cbRowInfo cbRowInfo`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowinfo')")`  
<sup>K</sup>`cbRowInfo`

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

**$\sim$ cbRowInfo()<sup>K</sup>**

Destructor.

---

$\text{c}_b$ RowInfo::~~cbRowInfo  
 $\text{c}_b$ rowinfoctor  
 $\text{b}_{rowse00346}$   
 $\text{K}_{cbRowInfo} \sim$ cbRowInfo  
 $\text{E}_{nableButton("Up");ChangeButtonBinding("Up", "JumpId(\text{`fl.hlp',`cbrowinfo'})")}$   
 $\text{K}_{\sim}cbRowInfo$

**$\$#+K!$ cbRowInfo::GetFirstBar**

**cbBarInfo\* GetFirstBar()**<sup>K</sup>

Returns the first bar.

---

<sup>c</sup>bRowInfo::GetFirstBar

<sup>c</sup>browinfogetfirstbar

<sup>b</sup>rowse00347

<sup>K</sup> cbRowInfo GetFirstBar

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

<sup>K</sup> GetFirstBar

**`cbRowLayoutPlugin::cbRowLayoutPlugin`**

**`cbRowLayoutPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor taking frame layout pane and pane mask.

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

Default constructor.

---

`cbRowLayoutPlugin::cbRowLayoutPlugin`

`cbrowlayoutplugin``cbrowlayoutplugin`

`rowse00349`

`cbRowLayoutPlugin` `cbRowLayoutPlugin`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`cbRowLayoutPlugin`

`cbRowLayoutPlugin`



**`cbRowLayoutPlugin::AdjustLengthOfInserted`**

**`void AdjustLengthOfInserted(cbRowInfo* pRow, cbBarInfo* pTheBar)`**<sup>K</sup>

Internal helper relating to not-fixed-bars layout.

---

`cbRowLayoutPlugin::AdjustLengthOfInserted`

`cbrowlayoutpluginadjustlengthofinserted`

`rowse00350`

`cbRowLayoutPlugin AdjustLengthOfInserted`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`AdjustLengthOfInserted`

**`$#+K!cbRowLayoutPlugin::ApplyLengthRatios`**

**`void ApplyLengthRatios(cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>bRowLayoutPlugin::ApplyLengthRatios

<sup>C</sup>browlayoutpluginapplylengthratios

<sup>b</sup>rowse00351

<sup>K</sup>cbRowLayoutPlugin ApplyLengthRatios

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

<sup>K</sup>ApplyLengthRatios

**`$#+K!cbRowLayoutPlugin::CalcRowHeight`**

**`int CalcRowHeight(cbRowInfo& row)K`**

Row layout helper simulating bar 'friction'.

---

`cbRowLayoutPlugin::CalcRowHeight  
cbrowlayoutplugincalcrowheight  
browse00352  
K cbRowLayoutPlugin CalcRowHeight  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")  
K CalcRowHeight`

**`$#+K!cbRowLayoutPlugin::CheckIfAtTheBoundary`**

**`void CheckIfAtTheBoundary(cbBarInfo* pTheBar, cbRowInfo& rowInfo)K`**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>bRowLayoutPlugin::CheckIfAtTheBoundary

<sup>C</sup>browlayoutplugincheckifattheboundary

<sup>b</sup>rowse00353

<sup>K</sup> cbRowLayoutPlugin CheckIfAtTheBoundary

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

<sup>K</sup> CheckIfAtTheBoundary

**`$#+K!cbRowLayoutPlugin::DetectBarHandles`**

**`void DetectBarHandles(cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

`CbRowLayoutPlugin::DetectBarHandles`

`Cbrowlayoutplugindetectbarhandles`

`browse00354`

`KcbRowLayoutPlugin DetectBarHandles`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`KDetectBarHandles`

<sup>\$#+K!</sup>**cbRowLayoutPlugin::DoInsertBar**

**void DoInsertBar(cbBarInfo\* *pTheBar*, cbRowInfo& *row*)**<sup>K</sup>

Insert the bar before the given row.

---

<sup>c</sup>bRowLayoutPlugin::DoInsertBar

<sup>c</sup>browlayoutplugindoinsertbar

<sup>b</sup>rowse00355

<sup>K</sup> cbRowLayoutPlugin DoInsertBar

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

<sup>K</sup> DoInsertBar

**$\$#+K!$ cbRowLayoutPlugin::ExpandNotFixedBars**

**void ExpandNotFixedBars(cbRowInfo\*  $pRow$ )<sup>K</sup>**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>bRowLayoutPlugin::ExpandNotFixedBars  
<sup>C</sup>browlayoutpluginexpandnotfixedbars  
<sup>b</sup>rowse00356  
<sup>K</sup> cbRowLayoutPlugin ExpandNotFixedBars  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")  
<sup>K</sup> ExpandNotFixedBars

**`$#+K!cbRowLayoutPlugin::FitBarsToRange`**

**`void FitBarsToRange(int from, int till, cbBarInfo* pTheBar, cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>`bRowLayoutPlugin::FitBarsToRange`

<sup>C</sup>`browlayoutpluginfitbarstorage`

<sup>b</sup>`rowse00357`

<sup>K</sup>`cbRowLayoutPlugin FitBarsToRange`

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

<sup>K</sup>`FitBarsToRange`



**`$#+K!cbRowLayoutPlugin::GetRowFreeSpace`**

**`int GetRowFreeSpace(cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

`CbRowLayoutPlugin::GetRowFreeSpace`

`Cbrowlayoutpluggingetrowfreespace`

`browse00358`

`KcbRowLayoutPlugin GetRowFreeSpace`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`KGetRowFreeSpace`

**`cbRowLayoutPlugin::InsertBefore`**

**`void InsertBefore(cbBarInfo* pBeforeBar, cbBarInfo* pTheBar, cbRowInfo& row)`**<sup>K</sup>

Insert the bar before the given row.

---

<sup>C</sup>`bRowLayoutPlugin::InsertBefore`

<sup>C</sup>`browlayoutplugininsertbefore`

<sup>b</sup>`rowse00359`

<sup>K</sup>`cbRowLayoutPlugin InsertBefore`

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

<sup>K</sup>`InsertBefore`

**`$#+K!cbRowLayoutPlugin::LayoutItemsVertically`**

**`void LayoutItemsVertically(cbRowInfo& row)K`**

Row layout helper simulating bar 'friction'.

---

`cbRowLayoutPlugin::LayoutItemsVertically  
cbrowlayoutpluginlayoutitemsvertically  
browse00360  
K cbRowLayoutPlugin LayoutItemsVertically  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")  
K LayoutItemsVertically`

**`$#+K!cbRowLayoutPlugin::MinimizeNotFixedBars`**

**`void MinimizeNotFixedBars(cbRowInfo* pRow, cbBarInfo* pBarToPreserve)K`**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>bRowLayoutPlugin::MinimizeNotFixedBars

<sup>C</sup>browlayoutpluginminimizenotfixedbars

<sup>b</sup>rowse00361

<sup>K</sup> cbRowLayoutPlugin MinimizeNotFixedBars

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

<sup>K</sup> MinimizeNotFixedBars

**`cbRowLayoutPlugin::OnInsertBar`**

**`void OnInsertBar(cbInsertBarEvent& event)`**<sup>K</sup>

Responds to bar insertion event.

---

<sup>c</sup>`bRowLayoutPlugin::OnInsertBar`

<sup>c</sup>`browlayoutpluginoninsertbar`

<sup>b</sup>`rowse00362`

<sup>K</sup>`cbRowLayoutPlugin OnInsertBar`

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

<sup>K</sup>`OnInsertBar`

**`cbRowLayoutPlugin::OnLayoutRow`**

**`void OnLayoutRow(cbLayoutRowEvent& event)`**<sup>K</sup>

Responds to row layout event.

---

`cbRowLayoutPlugin::OnLayoutRow`  
`cbrowlayoutpluginonlayoutrow`  
`browse00363`  
<sup>K</sup> `cbRowLayoutPlugin OnLayoutRow`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`  
<sup>K</sup> `OnLayoutRow`

**`cbRowLayoutPlugin::OnLayoutRows`**

**`void OnLayoutRows(cbLayoutRowsEvent& event)`**<sup>K</sup>

Responds to rows layout event.

---

<sup>C</sup>bRowLayoutPlugin::OnLayoutRows  
<sup>C</sup>browlayoutpluginonlayoutrows  
<sup>b</sup>rowse00364  
<sup>K</sup> cbRowLayoutPlugin OnLayoutRows  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")  
<sup>K</sup> OnLayoutRows

**`cbRowLayoutPlugin::OnRemoveBar`**

**`void OnRemoveBar(cbRemoveBarEvent& event)`**<sup>K</sup>

Responds to bar removal event.

---

`cbRowLayoutPlugin::OnRemoveBar`  
`cbrowlayoutpluginonremovebar`  
`rowse00365`  
<sup>K</sup> `cbRowLayoutPlugin OnRemoveBar`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`  
<sup>K</sup> `OnRemoveBar`



**`cbRowLayoutPlugin::OnResizeRow`**

**`void OnResizeRow(cbResizeRowEvent& event)`**<sup>K</sup>

Responds to row resize event.

---

<sup>C</sup>`bRowLayoutPlugin::OnResizeRow`

<sup>C</sup>`browlayoutpluginonresizerow`

<sup>b</sup>`rowse00366`

<sup>K</sup>`cbRowLayoutPlugin OnResizeRow`

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

<sup>K</sup>`OnResizeRow`

**`$#+K!cbRowLayoutPlugin::RecalcLengthRatios`**

**`void RecalcLengthRatios(cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

`CbRowLayoutPlugin::RecalcLengthRatios`

`CbrowlayoutpluginrecalcLengthRatios`

`browse00367`

`KcbRowLayoutPlugin RecalcLengthRatios`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`KRecalcLengthRatios`

**`$#+K!cbRowLayoutPlugin::RelayoutNotFixedBarsAround`**

**`void RelayoutNotFixedBarsAround(cbBarInfo* pTheBar, cbRowInfo* pRow)K`**

Internal helper relating to not-fixed-bars layout.

---

<sup>C</sup>bRowLayoutPlugin::RelayoutNotFixedBarsAround

<sup>C</sup>browlayoutpluginrelayoutnotfixedbarsaround

<sup>b</sup>rowse00368

<sup>K</sup> cbRowLayoutPlugin RelayoutNotFixedBarsAround

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

<sup>K</sup> RelayoutNotFixedBarsAround

**`$#+K!cbRowLayoutPlugin::ShiftLeftTrashold`**

**`void ShiftLeftTrashold(cbBarInfo* pTheBar, cbRowInfo& row)K`**

Row layout helper simulating bar 'friction'.

---

<sup>C</sup>`bRowLayoutPlugin::ShiftLeftTrashold`

<sup>C</sup>`browlayoutpluginshiftlefttrashold`

<sup>b</sup>`rowse00369`

<sup>K</sup>`cbRowLayoutPlugin ShiftLeftTrashold`

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

<sup>K</sup>`ShiftLeftTrashold`

**`cbRowLayoutPlugin::ShiftRightTrashold`**

**`void ShiftRightTrashold(cbBarInfo* pTheBar, cbRowInfo& row)`**<sup>K</sup>

Row layout helper simulating bar 'friction'.

---

`cbRowLayoutPlugin::ShiftRightTrashold`

`cbrowlayoutpluginshiftrighttrashold`

`rowse00370`

`cbRowLayoutPlugin ShiftRightTrashold`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`ShiftRightTrashold`

**`$#+K!cbRowLayoutPlugin::SlideLeftSideBars`**

**`void SlideLeftSideBars(cbBarInfo* pTheBar)K`**

Row layout helper simulating bar 'friction'.

---

<sup>C</sup>`bRowLayoutPlugin::SlideLeftSideBars`

<sup>C</sup>`browlayoutpluginslideleftsidebars`

<sup>b</sup>`rowse00371`

<sup>K</sup>`cbRowLayoutPlugin SlideLeftSideBars`

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

<sup>K</sup>`SlideLeftSideBars`

**`$#+K!cbRowLayoutPlugin::SlideRightSideBars`**

**`void SlideRightSideBars(cbBarInfo* pTheBar)K`**

Row layout helper simulating bar 'friction'.

---

<sup>C</sup>`bRowLayoutPlugin::SlideRightSideBars`

<sup>C</sup>`browlayoutpluginsliderightsidebars`

<sup>b</sup>`rowse00372`

<sup>K</sup>`cbRowLayoutPlugin SlideRightSideBars`

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

<sup>K</sup>`SlideRightSideBars`

**`$#+K!cbRowLayoutPlugin::StickRightSideBars`**

**`void StickRightSideBars(cbBarInfo* pToBar)K`**

Row layout helper simulating bar 'friction'.

---

`CbRowLayoutPlugin::StickRightSideBars`

`Cbrowlayoutpluginstickrightsidebars`

`browse00373`

`KcbRowLayoutPlugin StickRightSideBars`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbrowlayoutplugin')")`

`KStickRightSideBars`



**`cbSimpleCustomizationPlugin::cbSimpleCustomizationPlugin`**

**`cbSimpleCustomizationPlugin(wxFrameLayout* pPanel, int paneMask = wxALL_PANES)`**<sup>K</sup>

Constructor, taking parent pane and a pane mask flag.

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

Default constructor.

---

<sup>C</sup>bSimpleCustomizationPlugin::cbSimpleCustomizationPlugin  
<sup>C</sup>bsimplecustomizationplugin::cbSimpleCustomizationPlugin  
<sup>b</sup>rowse00375  
<sup>K</sup> cbSimpleCustomizationPlugin cbSimpleCustomizationPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbsimplecustomizationplugin')")  
<sup>K</sup> cbSimpleCustomizationPlugin  
<sup>K</sup> cbSimpleCustomizationPlugin

**cbSimpleCustomizationPlugin::OnCustomizeBar**

**void OnCustomizeBar(cbCustomizeBarEvent& *event*)**<sup>K</sup>

Plugin event handler for cbCustomizeBarEvent.

---

<sup>C</sup>bSimpleCustomizationPlugin::OnCustomizeBar

<sup>C</sup>bsimplecustomizationpluginoncustomizebar

<sup>b</sup>rowse00376

<sup>K</sup> cbSimpleCustomizationPlugin OnCustomizeBar

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

<sup>K</sup> OnCustomizeBar

**`cbSimpleCustomizationPlugin::OnCustomizeLayout`**

**`void OnCustomizeLayout(cbCustomizeLayoutEvent& event)`**<sup>K</sup>

Plugin event handler for cbCustomizeLayoutEvent.

---

<sup>C</sup>bSimpleCustomizationPlugin::OnCustomizeLayout  
<sup>C</sup>bsimplecustomizationpluginoncustomizelayout  
<sup>b</sup>rowse00377  
<sup>K</sup> cbSimpleCustomizationPlugin OnCustomizeLayout  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimplecustomizationplugin')")  
<sup>K</sup> OnCustomizeLayout

**cbSimpleCustomizationPlugin::OnMenuItemSelected**

**void OnMenuItemSelected(wxCommandEvent& *event*)**

Menu event handler.

---

cbSimpleCustomizationPlugin::OnMenuItemSelected

cbsimplecustomizationpluginonmenuitemselected

rowse00378

cbSimpleCustomizationPlugin OnMenuItemSelected

enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimplecustomizationplugin')")

OnMenuItemSelected

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

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

Default constructor.

**`cbSimpleUpdatesMgr(wxFrameLayout* pPanel)`**<sup>K</sup>

Constructor taking frame layout panel.

---

<sup>c</sup>bSimpleUpdatesMgr::cbSimpleUpdatesMgr  
<sup>c</sup>bsimpleupdatesmgrcbsimpleupdatesmgr  
<sup>b</sup>rowse00380  
<sup>K</sup> cbSimpleUpdatesMgr cbSimpleUpdatesMgr  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbsimpleupdatesmgr')")  
<sup>K</sup> cbSimpleUpdatesMgr  
<sup>K</sup> cbSimpleUpdatesMgr

**`$#+K!cbSimpleUpdatesMgr::OnBarWillChange`**

**`void OnBarWillChange(cbBarInfo* pBar, cbRowInfo* pInRow, cbDockPane* pInPane)K`**

Notification received from Frame Layout in the order in which they would usually be invoked.

---

`CbSimpleUpdatesMgr::OnBarWillChange  
Cbsimpleupdatesmgronbarwillchange  
browse00381  
K cbSimpleUpdatesMgr OnBarWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimpleupdatesmgr')")  
K OnBarWillChange`

**`$#+K!cbSimpleUpdatesMgr::OnFinishChanges`**

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

Notification received from Frame Layout in the order in which they would usually be invoked.

---

`^bSimpleUpdatesMgr::OnFinishChanges`  
`^bsimpleupdatesmgronfinishchanges`  
`^rowse00382`  
`^cbSimpleUpdatesMgr OnFinishChanges`  
`^nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimpleupdatesmgr)")`  
`^ OnFinishChanges`

**`$#+K!cbSimpleUpdatesMgr::OnPaneMarginsWillChange`**

**`void OnPaneMarginsWillChange(cbDockPane* pPane)K`**

Notification received from Frame Layout in the order in which they would usually be invoked.

---

`CbSimpleUpdatesMgr::OnPaneMarginsWillChange  
CbSimpleUpdatesMgrOnPaneMarginsWillChange  
Drowse00383  
KcbSimpleUpdatesMgr OnPaneMarginsWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimpleupdatesmgr')")  
KOnPaneMarginsWillChange`



**`$#+K!cbSimpleUpdatesMgr::OnPaneWillChange`**

**`void OnPaneWillChange(cbDockPane* pPane)K`**

Notification received from Frame Layout in the order in which they would usually be invoked.

---

`CbSimpleUpdatesMgr::OnPaneWillChange  
CbSimpleUpdatesMgrOnPaneWillChange  
browse00384  
KcbSimpleUpdatesMgr OnPaneWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbSimpleUpdatesMgr')")  
KOnPaneWillChange`

**`$#+K!cbSimpleUpdatesMgr::OnRowWillChange`**

**`void OnRowWillChange(cbRowInfo* pRow, cbDockPane* pInPane)K`**

Notification received from Frame Layout in the order in which they would usually be invoked.

---

<sup>C</sup>bSimpleUpdatesMgr::OnRowWillChange

<sup>C</sup>bSimpleUpdatesMgrOnRowWillChange

<sup>b</sup>rowse00385

<sup>K</sup> cbSimpleUpdatesMgr OnRowWillChange

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

<sup>K</sup> OnRowWillChange

**`$#+K!cbSimpleUpdatesMgr::OnStartChanges`**

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

Notification received from Frame Layout in the order in which they would usually be invoked.

---

<sup>C</sup>bSimpleUpdatesMgr::OnStartChanges  
<sup>C</sup>bsimpleupdatesmgronstartchanges  
<sup>b</sup>rowse00386  
<sup>K</sup> cbSimpleUpdatesMgr OnStartChanges  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsimpleupdatesmgr)")  
<sup>K</sup> OnStartChanges

**`$#+K!cbSimpleUpdatesMgr::UpdateNow`**

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

Refreshes the parts of the frame layoutthat need an update.

---

<sup>C</sup>bSimpleUpdatesMgr::UpdateNow  
<sup>C</sup>bsimpleupdatesmgrupdatenow  
<sup>b</sup>rowse00387  
<sup>K</sup> cbSimpleUpdatesMgr UpdateNow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbsimpleupdatesmgr')")  
<sup>K</sup> UpdateNow

`$#+K!` **cbSimpleUpdatesMgr::WasChanged**

**bool WasChanged**(**cbUpdateMgrData&** *data*, **wxRect&** *currentBounds*)<sup>K</sup>

Helper function.

---

`cbSimpleUpdatesMgr::WasChanged`  
`cbsimpleupdatesmgrwaschanged`  
`browse00388`  
`K cbSimpleUpdatesMgr WasChanged`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbsimpleupdatesmgr')")`  
`K WasChanged`

**`cbSizeBarWndEvent::cbSizeBarWndEvent`**

**`cbSizeBarWndEvent(cbBarInfo* pBar, cbDockPane* pPane)`**<sup>K</sup>

Constructor, taking bar information and pane.

---

`cbSizeBarWndEvent::cbSizeBarWndEvent`

`cbsizebarwndeventcbsizebarwndevent`

`rowse00390`

`cbSizeBarWndEvent cbSizeBarWndEvent`

`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbsizebarwndevent')")`

`cbSizeBarWndEvent`

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

**`cbStartBarDraggingEvent(cbBarInfo* pBar, const wxPoint& pos, cbDockPane* pPane)K`**

Constructor, taking bar information, mouse position, and pane.

---

`CbStartBarDraggingEvent::cbStartBarDraggingEvent  
Cbstartbardraggingeventcbstartbardraggingevent  
browse00392  
KcbStartBarDraggingEvent cbStartBarDraggingEvent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbstartbardraggingevent')")  
KcbStartBarDraggingEvent`

**`cbStartDrawInAreaEvent::cbStartDrawInAreaEvent`**

**`cbStartDrawInAreaEvent(const wxRect& area, wxDC** ppDCForArea, cbDockPane* pPane)`**<sup>K</sup>

to the obtained buffer-context should be placed Constructor, taking rectangular area, device context pointer to a pointer, and pane.

---

<sup>C</sup>`cbStartDrawInAreaEvent::cbStartDrawInAreaEvent`

<sup>C</sup>`cbstartdrawinareaeventcbstartdrawinareaevent`

<sup>b</sup>`rowse00394`

<sup>K</sup>`cbStartDrawInAreaEvent cbStartDrawInAreaEvent`

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

<sup>K</sup>`cbStartDrawInAreaEvent`



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

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

Default constructor. Is-dirty flag is set TRUE initially.

---

<sup>C</sup>bUpdateMgrData::cbUpdateMgrData  
<sup>C</sup>bupdatemgrdatacbupdatemgrdata  
<sup>b</sup>rowse00396  
<sup>K</sup> cbUpdateMgrData cbUpdateMgrData  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatemgrdata')")  
<sup>K</sup> cbUpdateMgrData

**`$#+K!cbUpdateMgrData::IsDirty`**

**`bool IsDirty()`**<sup>K</sup>

Returns the is-dirty flag.

---

<sup>C</sup>bUpdateMgrData::IsDirty  
<sup>C</sup>bupdatemgrdataisdirty  
<sup>b</sup>rowse00397  
<sup>K</sup> cbUpdateMgrData IsDirty  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatemgrdata')")  
<sup>K</sup> IsDirty

**`$#+K!cbUpdateMgrData::SetCustomData`**

**`void SetCustomData(wxObject* pCustomData)K`**

Set custom data.

---

<sup>C</sup>`bUpdateMgrData::SetCustomData`

<sup>C</sup>`bupdatemgrdatasetcustomdata`

<sup>b</sup>`rowse00398`

<sup>K</sup>`cbUpdateMgrData SetCustomData`

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

<sup>K</sup>`SetCustomData`

`$#+K!cbUpdateMgrData::SetDirty`

`void SetDirty(bool isDirty = TRUE)K`

Set the dirty flag.

---

`CbUpdateMgrData::SetDirty`

`Cbupdatemgrdatasetdirty`

`browse00399`

`KcbUpdateMgrData SetDirty`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatemgrdata')")`

`KSetDirty`

**`$#+K!cbUpdateMgrData::StoreItemState`**

**`void StoreItemState(const wxRect& boundsInParent)K`**

Store the item state.

---

`CbUpdateMgrData::StoreItemState  
Cbupdatemgrdatastoreitemstate  
browse00400  
K cbUpdateMgrData StoreItemState  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatemgrdata')")  
K StoreItemState`

**cbUpdatesManagerBase::cbUpdatesManagerBase**

**cbUpdatesManagerBase(wxFrameLayout\* *pPanel*)**<sup>K</sup>

Constructor taking layout panel.

**cbUpdatesManagerBase()**<sup>K</sup>

Default constructor

---

<sup>C</sup>bUpdatesManagerBase::cbUpdatesManagerBase

<sup>C</sup>bupdatesmanagerbasecbupdatesmanagerbase

<sup>b</sup>rowse00402

<sup>K</sup> cbUpdatesManagerBase cbUpdatesManagerBase

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

<sup>K</sup> cbUpdatesManagerBase

<sup>K</sup> cbUpdatesManagerBase

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

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

Destructor.

---

<sup>c</sup>bUpdatesManagerBase::~~cbUpdatesManagerBase

<sup>c</sup>bupdatesmanagerbasedtor

<sup>b</sup>rowse00403

<sup>K</sup>cbUpdatesManagerBase ~cbUpdatesManagerBase

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

<sup>K</sup>~cbUpdatesManagerBase

**`$#+K!cbUpdatesManagerBase::OnBarWillChange`**

**`void OnBarWillChange(cbBarInfo* pBar, cbRowInfo* pInRow, cbDockPane* pInPane)K`**

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

`CbUpdatesManagerBase::OnBarWillChange`  
`Cbupdatesmanagerbaseonbarwillchange`  
`browse00404`  
`K cbUpdatesManagerBase OnBarWillChange`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")`  
`K OnBarWillChange`



**`$#+K!cbUpdatesManagerBase::OnFinishChanges`**

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

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

`^bUpdatesManagerBase::OnFinishChanges`  
`^bupdatesmanagerbaseonfinishchanges`  
`^rowse00405`  
<sup>K</sup> `cbUpdatesManagerBase OnFinishChanges`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `cbupdatesmanagerbase')")`  
<sup>K</sup> `OnFinishChanges`

**`$#+K!cbUpdatesManagerBase::OnPaneMarginsWillChange`**

**`void OnPaneMarginsWillChange(cbDockPane* pPane)K`**

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

`CbUpdatesManagerBase::OnPaneMarginsWillChange  
Cbupdatesmanagerbaseonpanemarginswillchange  
Drowse00406  
K cbUpdatesManagerBase OnPaneMarginsWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")  
K OnPaneMarginsWillChange`

**`$#+K!cbUpdatesManagerBase::OnPaneWillChange`**

**`void OnPaneWillChange(cbDockPane* pPane)K`**

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

`CbUpdatesManagerBase::OnPaneWillChange  
Cbupdatesmanagerbaseonpanewillchange  
browse00407  
K cbUpdatesManagerBase OnPaneWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")  
K OnPaneWillChange`

**`$#+K!cbUpdatesManagerBase::OnRowWillChange`**

**`void OnRowWillChange(cbRowInfo* pRow, cbDockPane* pInPane)K`**

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

`CbUpdatesManagerBase::OnRowWillChange  
Cbupdatesmanagerbaseonrowwillchange  
browse00408  
K cbUpdatesManagerBase OnRowWillChange  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")  
K OnRowWillChange`

**`$#+K!cbUpdatesManagerBase::OnStartChanges`**

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

This function receives a notification from the frame layout (in the order in which they would usually be invoked). Custom updates-managers may utilize these notifications to implement a more fine-grained updating strategy.

---

<sup>C</sup>bUpdatesManagerBase::OnStartChanges  
<sup>C</sup>bupdatesmanagerbaseonstartchanges  
<sup>b</sup>rowse00409  
<sup>K</sup> cbUpdatesManagerBase OnStartChanges  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")  
<sup>K</sup> OnStartChanges

**`cbUpdatesManagerBase::SetLayout`**

**`void SetLayout(wxFrameLayout* pLayout)`**<sup>K</sup>

Sets the associated layout.

---

<sup>C</sup>`bUpdatesManagerBase::SetLayout`

<sup>C</sup>`bupdatesmanagerbasesetlayout`

<sup>b</sup>`rowse00410`

<sup>K</sup>`cbUpdatesManagerBase SetLayout`

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

<sup>K</sup>`SetLayout`

**`$#+K!cbUpdatesManagerBase::UpdateNow`**

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

Refreshes parts of the frame layout that need an update.

---

<sup>c</sup>bUpdatesManagerBase::UpdateNow  
<sup>c</sup>bupdatesmanagerbaseupdatenow  
<sup>b</sup>rowse00411  
<sup>K</sup> cbUpdatesManagerBase UpdateNow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `cbupdatesmanagerbase')")  
<sup>K</sup> UpdateNow

**`wxDynamicToolBar::wxDynamicToolBar`**

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

Default constructor.

**`wxDynamicToolBar(wxWindow* parent, const wxWindowID id, const wxPoint& pos = wxDefaultPosition, const wxSize& size = wxDefaultSize, const long style = wxNO_BORDER, const int orientation = wxVERTICAL, const int RowsOrColumns = 1, const wxString& name = wxToolBarNameStr)`**<sup>K</sup>

Constructor: see the documentation for `wxToolBar` for details.

---

<sup>w</sup>`DynamicToolBar::wxDynamicToolBar`

<sup>w</sup>`dynamictoolbarwxdynamictoolbar`

<sup>b</sup>`rowse00413`

<sup>K</sup>`wxDynamicToolBar wxDynamicToolBar`

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

<sup>K</sup>`wxDynamicToolBar`

<sup>K</sup>`wxDynamicToolBar`



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

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

Destructor.

---

<sup>w</sup>`xDynamicToolBar::~~wxDynamicToolBar`

<sup>w</sup>`xdynamictoolbarctor`

<sup>b</sup>`rowse00414`

<sup>K</sup>`wxDynamicToolBar ~wxDynamicToolBar`

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

<sup>K</sup>`~wxDynamicToolBar`

**`wxDynamicToolBar::AddSeparator`**

**`void AddSeparator(wxWindow* pSeparatorWnd = NULL)`**<sup>K</sup>

Adds a separator. See the documentation for `wxToolBar` for details.

---

<sup>w</sup>`wxDynamicToolBar::AddSeparator`

<sup>w</sup>`wxdynamictoolbaraddseparator`

<sup>b</sup>`rowse00415`

<sup>K</sup>`wxDynamicToolBar AddSeparator`

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

<sup>K</sup>`AddSeparator`

## **`wxDynamicToolBar::AddTool`**

**`void AddTool(int toolIndex, wxWindow* pToolWindow, const wxSize& size = wxDefaultSize)`**<sup>K</sup>

Adds a tool. See the documentation for `wxToolBar` for details.

**`void AddTool(int toolIndex, const wxString& imageFileName, wxBitmapType imageFileType = wxBITMAP_TYPE_BMP, const wxString& labelText = "", bool alignTextRight = FALSE, bool isFlat = TRUE)`**<sup>K</sup>

Adds a tool. See the documentation for `wxToolBar` for details.

**`void AddTool(int toolIndex, wxBitmap labelBmp, const wxString& labelText = "", bool alignTextRight = FALSE, bool isFlat = TRUE)`**<sup>K</sup>

Adds a tool. See the documentation for `wxToolBar` for details.

**`wxToolBarToolBase* AddTool(const int toolIndex, const wxBitmap& bitmap, const wxBitmap& pushedBitmap = wxNullBitmap, const bool toggle = FALSE, const long xPos = -1, const long yPos = -1, wxObject* clientData = NULL, const wxString& helpString1 = "", const wxString& helpString2 = "")`**<sup>K</sup>

Method from `wxToolBarBase` (for compatibility), only the first two arguments are valid. See the documentation for `wxToolBar` for details.

---

<sup>w</sup>`wxDynamicToolBar::AddTool`

<sup>w</sup>`wxdynamictoolbaraddtool`

<sup>b</sup>`rowse00416`

<sup>K</sup>`wxDynamicToolBar AddTool`

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

<sup>K</sup>`AddTool`

<sup>K</sup>`AddTool`

<sup>K</sup>`AddTool`

<sup>K</sup>`AddTool`

<sup>\$#+K!</sup>**wxDynamicToolBar::Create**

**bool Create**(wxWindow\* *parent*, **const wxWindowID** *id*, **const wxPoint&** *pos* = *wxDefaultPosition*, **const wxSize&** *size* = *wxDefaultSize*, **const long** *style* = *wxNO\_BORDER*, **const int** *orientation* = *wxVERTICAL*, **const int** *RowsOrColumns* = 1, **const wxString&** *name* = *wxToolBarNameStr*)<sup>K</sup>

Creation function: see the documentation for wxToolBar for details.

---

<sup>w</sup>wxDynamicToolBar::Create  
<sup>w</sup>wxdynamictoolbarcreate  
<sup>b</sup>rowse00417  
<sup>K</sup> wxDynamicToolBar Create  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
<sup>K</sup> Create

**`$#+K! wxDynamicToolBar::CreateDefaultLayout`**

**`LayoutManagerBase* CreateDefaultLayout()`<sup>K</sup>**

Creates the default layout (BagLayout).

---

<sup>w</sup>`xDynamicToolBar::CreateDefaultLayout`  
<sup>w</sup>`xdynamictoolbarcreatedefaultlayout`  
<sup>b</sup>`rowse00418`  
<sup>K</sup> `wxDynamicToolBar CreateDefaultLayout`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `xdynamictoolbar')")`  
<sup>K</sup> `CreateDefaultLayout`

**`wxDynamicToolBar::CreateTool`**

**`wxToolBarToolBase* CreateTool(wxControl* control)`**<sup>K</sup>

Creates a toolbar tool.

**`wxToolBarToolBase* CreateTool(int id, const wxBitmap& bitmap1, const wxBitmap& bitmap2, bool toggle, wxObject* clientData, const wxString& shortHelpString, const wxString& longHelpString)`**<sup>K</sup>

Creates a toolbar tool.

---

<sup>w</sup>`xDynamicToolBar::CreateTool`

<sup>w</sup>`xdynamictoolbarcreatetool`

<sup>b</sup>`rowse00419`

<sup>K</sup>`wxDynamicToolBar CreateTool`

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

<sup>K</sup>`CreateTool`

<sup>K</sup>`CreateTool`

**`wxDynamicToolBar::DoDeleteTool`**

**`bool DoDeleteTool(size_t pos, wxToolBarToolBase* tool)`**<sup>K</sup>

Deletes a tool. The tool is still in `m_tools` list when this function is called, and it will only be deleted from it if it succeeds.

---

<sup>w</sup>`xDynamicToolBar::DoDeleteTool`  
<sup>w</sup>`xdynamictoolbardeletetool`  
<sup>b</sup>`rowse00420`  
<sup>K</sup> `wxDynamicToolBar DoDeleteTool`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")`  
<sup>K</sup> `DoDeleteTool`

**`wxDynamicToolBar::DoEnableTool`**

**`void DoEnableTool(wxToolBarToolBase* tool, bool enable)`**<sup>K</sup>

Called when the tools enabled flag changes.

---

<sup>w</sup>`xDynamicToolBar::DoEnableTool`  
<sup>w</sup>`xdynamictoolbar::doenabletool`  
<sup>b</sup>`rowse00421`  
<sup>K</sup> `wxDynamicToolBar DoEnableTool`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar)")`  
<sup>K</sup> `DoEnableTool`



\$#+K! **wxDynamicToolBar::DoInsertTool**

**bool DoInsertTool**(size\_t *pos*, wxToolBarToolBase\* *tool*)<sup>K</sup>

Inserts a tool at the given position.

---

wxDynamicToolBar::DoInsertTool  
wxdynamictoolbarinserttool  
browse00422  
K wxDynamicToolBar DoInsertTool  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
K DoInsertTool

\$#+K! **wxDynamicToolBar::DoSetToggle**

**void DoSetToggle(wxToolBarToolBase\* *tool*, bool *toggle*)**<sup>K</sup>

Called when the tools 'can be toggled' flag changes.

---

wxDynamicToolBar::DoSetToggle  
wxdynamictoolbardosettoggle  
browse00423  
K wxDynamicToolBar DoSetToggle  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
K DoSetToggle

\$#+K! **wxDynamicToolBar::DoToggleTool**

**void DoToggleTool(wxToolBarToolBase\* *tool*, bool *toggle*)**<sup>K</sup>

Called when the tool is toggled.

---

wxDynamicToolBar::DoToggleTool  
wxdynamictoolbar.dotoggletool  
browse00424  
K wxDynamicToolBar DoToggleTool  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
K DoToggleTool

**`wxDynamicToolBar::DrawSeparator`**

**`void DrawSeparator(wxDynToolInfo& info, wxDC& dc)`**<sup>K</sup>

Draws a separator. The default implementation draws a shaded line.

---

<sup>w</sup>`wxDynamicToolBar::DrawSeparator`  
<sup>w</sup>`wxdynamictoolbar::DrawSeparator`  
<sup>b</sup>`rowse00425`  
<sup>K</sup>`wxDynamicToolBar::DrawSeparator`  
<sup>E</sup>`enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar')")`  
<sup>K</sup>`DrawSeparator`

`$#+K!` **wxDynamicToolBar::EnableTool**

**void EnableTool(const int *toolIndex*, const bool *enable* = *TRUE*)**<sup>K</sup>

Enables or disables the given tool.

---

<sup>w</sup>xDynamicToolBar::EnableTool  
<sup>w</sup>xdynamictoolbarenabletool  
<sup>b</sup>rowse00426  
<sup>K</sup> wxDynamicToolBar EnableTool  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
<sup>K</sup> EnableTool

**`$#+KK! wxDynamicToolBar::FindToolForPosition`**

**`wxToolBarToolBase* FindToolForPosition(wxCoord x, wxCoord y) const`**

Finds a tool for the given position.

---

`w_xDynamicToolBar::FindToolForPosition`

`w_xdynamictoolbarfindtoolforposition`

`browse00427`

`K wxDynamicToolBar FindToolForPosition`

`K FindToolForPosition`

`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar')")`

\$#+K! **wxDynamicToolBar::GetPreferredDim**

**void GetPreferredDim(const wxSize& *givenDim*, wxSize& *prefDim*)**<sup>K</sup>

Returns the preferred dimension, taking the given dimension and a reference to the result.

---

wxDynamicToolBar::GetPreferredDim  
wxdynamictoolbargetpreferreddim  
browse00428  
K wxDynamicToolBar GetPreferredDim  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
K GetPreferredDim

**`$#+K! wxDynamicToolBar::GetToolInfo`**

**`wxDynToolInfo* GetToolInfo(int toolIndex)K`**

Returns tool information for the given tool index.

---

<sup>w</sup>`xDynamicToolBar::GetToolInfo`  
<sup>w</sup>`xdynamictoolbar::gettoolinfo`  
<sup>b</sup>`rowse00429`  
<sup>K</sup>`wxDynamicToolBar GetToolInfo`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar')")`  
<sup>K</sup>`GetToolInfo`



\$#+K! **wxDynamicToolBar::Layout**

**bool Layout()**<sup>K</sup>

Performs layout. See definitions of orientation types.

---

wxDynamicToolBar::Layout  
wxdynamictoolbarlayout  
browse00430  
K wxDynamicToolBar Layout  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar')")  
K Layout

**`wxDynamicToolBar::OnEraseBackground`**

**`void OnEraseBackground(wxEraseEvent& event)`**<sup>K</sup>

Responds to background erase events. Currently does nothing.

---

<sup>w</sup>`xDynamicToolBar::OnEraseBackground`  
<sup>w</sup>`xdynamictoolbaronerasebackground`  
<sup>b</sup>`rowse00431`  
<sup>K</sup> `wxDynamicToolBar OnEraseBackground`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar')")`  
<sup>K</sup> `OnEraseBackground`

**`wxDynamicToolBar::OnPaint`**

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

Responds to paint events, drawing separators.

---

<sup>w</sup>`xDynamicToolBar::OnPaint`

<sup>w</sup>`xdynamictoolbaronpaint`

<sup>b</sup>`rowse00432`

<sup>K</sup>`wxDynamicToolBar OnPaint`

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

<sup>K</sup>`OnPaint`

**wxDynamicToolBar::OnSize**

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

Responds to size events, calling Layout.

---

<sup>w</sup>xDynamicToolBar::OnSize  
<sup>w</sup>xdynamictoolbaronsize  
<sup>b</sup>rowse00433  
<sup>K</sup> wxDynamicToolBar OnSize  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar)")  
<sup>K</sup> OnSize

**`$#+K! wxDynamicToolBar::Realize`**

**`bool Realize()`**<sup>K</sup>

Overriden from wxToolBarBase; does nothing.

---

<sup>w</sup>xDynamicToolBar::Realize  
<sup>w</sup>xdynamictoolbarrealize  
<sup>b</sup>rowse00434  
<sup>K</sup> wxDynamicToolBar Realize  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxdynamictoolbar)")  
<sup>K</sup> Realize

`$#+K!` **wxDynamicToolBar::RemveTool**

**void RemveTool**(int *toolIndex*)<sup>K</sup>

Removes the given tool. Misspelt in order not to clash with a similar function in the base class.

---

<sup>w</sup>xDynamicToolBar::RemveTool  
<sup>w</sup>xdynamictoolbarremvetool  
<sup>b</sup>rowse00435  
<sup>K</sup> wxDynamicToolBar RemveTool  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `xdynamictoolbar')")  
<sup>K</sup> RemveTool

**`$#+K! wxDynamicToolBar::SetLayout`**

**`void SetLayout(LayoutManagerBase* pLayout)K`**

Sets the layout for this toolbar.

---

<sup>w</sup>xDynamicToolBar::SetLayout  
<sup>w</sup>xdynamictoolbarsetLayout  
<sup>b</sup>rowse00436  
<sup>K</sup> wxDynamicToolBar SetLayout  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
<sup>K</sup> SetLayout

**`$#+K! wxDynamicToolBar::SizeToolWindows`**

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

Internal function for sizing tool windows.

---

<sup>w</sup> xDynamicToolBar::SizeToolWindows  
<sup>w</sup> xdynamictoolbarstoolwindows  
<sup>b</sup> rowse00437  
<sup>K</sup> wxDynamicToolBar SizeToolWindows  
<sup>E</sup> nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxdynamictoolbar')")  
<sup>K</sup> SizeToolWindows



**wxFrameLayout::wxFrameLayout**

**wxFrameLayout(wxWindow\* pParentFrame, wxWindow\* pFrameClient = NULL, bool activateNow = TRUE)**<sup>K</sup>

Constructor, taking parent window, the (MDI) client of the parent if there is one, and flag specifying whether to activate the layout.

**wxFrameLayout()**<sup>K</sup>

Default constructor, used only for serialization.

---

<sup>w</sup>xFrameLayout::wxFrameLayout

<sup>w</sup>xframelayoutwxframelayout

<sup>b</sup>rowse00440

<sup>K</sup> wxFrameLayout wxFrameLayout

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

<sup>K</sup> wxFrameLayout

<sup>K</sup> wxFrameLayout

`$#+K!wxFrameLayout::~~wxFrameLayout`

`~wxFrameLayout()`<sup>K</sup>

Destructor. It does not destroy the bar windows.

---

`wxFrameLayout::~~wxFrameLayout`

`wxframelayouthtor`

`browse00441`

`K wxFrameLayout ~wxFrameLayout`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframelayout')")`

`K ~wxFrameLayout`

**`$#+K! wxFrameLayout::Activate`**

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

Activate can be called after some other layout has been deactivated, and this one must take over the current contents of the frame window. Effectively hooks itself to the frame window, re-displays all non-hidden bar windows and repaints the decorations.

---

<sup>w</sup>xFrameLayout::Activate  
<sup>w</sup>xframelayoutactivate  
<sup>b</sup>rowse00442  
<sup>K</sup> wxFrameLayout Activate  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> Activate

## **\$#+K! wxFrameLayout::AddBar**

**void AddBar**(wxWindow\* pBarWnd, **const** cbDimInfo& dimInfo, **int** alignment = FL\_ALIGN\_TOP, **int** rowNo = 0, **int** columnPos = 0, **const** wxString& name = "bar", **bool** spyEvents = FALSE, **int** state = wxCBAR\_DOCKED\_HORIZONTALLY)<sup>K</sup>

Adds bar information to the frame layout. The appearance of the layout is not refreshed immediately; RefreshNow() can be called if necessary. Notes: the argument pBarWnd can be NULL, resulting in bar decorations to be drawn around the empty rectangle (filled with default background colour). Argument dimInfo can be reused for adding any number of bars, since it is not used directly - instead its members are copied. If the dimensions handler is present, its instance is shared (reference counted). The dimension handler should always be allocated on the heap. pBarWnd is the window to be managed. dimInfo contains dimension information. alignment is a value such as FL\_ALIGN\_TOP. rowNo is the vertical position or row in the pane (if in docked state). columnPos is the horizontal position within the row in pixels (if in docked state). name is a name by which the bar can be referred in layout customization dialogs. If spyEvents is TRUE, input events for the bar should be "spied" in order to forward unhandled mouse clicks to the frame layout, for example to enable easy druggability of toolbars just by clicking on their interior regions. For widgets like text/tree control this value should be FALSE, since there's no certain way to detect whether the event was actually handled. state is the initial state, such as wxCBAR\_DOCKED\_HORIZONTALLY, wxCBAR\_FLOATING, wxCBAR\_HIDDEN.

---

<sup>w</sup> wxFrameLayout::AddBar

<sup>w</sup> wxframelayouaddbar

<sup>b</sup> rowse00443

<sup>K</sup> wxFrameLayout AddBar

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

<sup>K</sup> AddBar

**wxFrameLayout::AddPlugin**

**void AddPlugin(wxClassInfo\* pPInfo, int paneMask = wxALL\_PANES)**<sup>K</sup>

An advanced methods for plugin configuration using their dynamic class information, for example CLASSINFO(pluginClass). First checks if the plugin of the given class is already "hooked up". If not, adds it to the top of the plugins chain.

---

<sup>w</sup>xFrameLayout::AddPlugin  
<sup>w</sup>xframelayouaddplugin  
<sup>b</sup>rowse00444  
<sup>K</sup> wxFrameLayout AddPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> AddPlugin

\$#+K! **wxFrameworkLayout::AddPluginBefore**

**void AddPluginBefore(wxCClassInfo\* pNextPInfo, wxCClassInfo\* pPInfo, int  
paneMask = wxALL\_PANES)<sup>K</sup>**

First checks if the plugin of the given class is already hooked. If so, removes it, and then inserts it into the chain before the plugin of the class given by pNextPInfo. Note: this method is handy in some cases where the order of the plugin-chain could be important, for example when one plugin overrides some functionality of another already-hooked plugin, so that the former plugin should be hooked before the one whose functionality is being overridden.

---

wxFrameworkLayout::AddPluginBefore  
wxframeworklayoutaddpluginbefore  
browse00445  
K wxFrameworkLayout AddPluginBefore  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframeworklayout')")  
K AddPluginBefore

**`$#+K! wxFrameLayout::ApplyBarProperties`**

**`void ApplyBarProperties(cbBarInfo* pBar)K`**

Reflects changes in bar information structure visually. For example, moves the bar, changes its dimension information, or changes the pane to which it is docked.

---

<sup>w</sup>xFrameLayout::ApplyBarProperties  
<sup>w</sup>xframelayoutapplybarproperties  
<sup>b</sup>rowse00446  
<sup>K</sup> wxFrameLayout ApplyBarProperties  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> ApplyBarProperties

\$#+K! **wxFrameLayout::CanReparent**

**bool CanReparent()**<sup>K</sup>

Returns TRUE if the platform allows reparenting. This may not return TRUE for all platforms. Reparenting allows control bars to be floated.

---

wxFrameLayout::CanReparent  
wxframelayoucanreparent  
browse00447  
K wxFrameLayout CanReparent  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K CanReparent



**`wxFrameLayout::CaptureEventsForPane`**

**`void CaptureEventsForPane(cbDockPane* toPane)`**<sup>K</sup>

Called by plugins; also captures the mouse in the parent frame.

---

<sup>w</sup>`wxFrameLayout::CaptureEventsForPane`  
<sup>w</sup>`wxframelayoucaptureeventsforpane`  
<sup>b</sup>`rowse00448`  
<sup>K</sup>`wxFrameLayout CaptureEventsForPane`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`CaptureEventsForPane`

**`wxFrameLayout::CaptureEventsForPlugin`**

**`void CaptureEventsForPlugin(cbPluginBase* pPlugin)`**<sup>K</sup>

Captures user input events for the given plugin. Input events are: mouse movement, mouse clicks, keyboard input.

---

<sup>w</sup>xFrameLayout::CaptureEventsForPlugin  
<sup>w</sup>xframelayoucaptureeventsforplugin  
<sup>b</sup>rowse00449  
<sup>K</sup> wxFrameLayout CaptureEventsForPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> CaptureEventsForPlugin

**`wxFrameLayout::CreateCursors`**

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

Creates the cursors.

---

<sup>w</sup>`wxFrameLayout::CreateCursors`  
<sup>w</sup>`wxframelayoucreatecursors`  
<sup>b</sup>`rowse00450`  
<sup>K</sup>`wxFrameLayout CreateCursors`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`CreateCursors`

**`wxFrameLayout::CreateUpdatesManager`**

**`cbUpdatesManagerBase* CreateUpdatesManager()`**<sup>K</sup>

Returns a new `cbGCUpdatesMgr` object.

---

<sup>w</sup>`wxFrameLayout::CreateUpdatesManager`  
<sup>w</sup>`wxframelayoucreateupdatesmanager`  
<sup>b</sup>`rowse00451`  
<sup>K</sup>`wxFrameLayout CreateUpdatesManager`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`CreateUpdatesManager`

**`wxFrameLayout::Deactivate`**

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

Deactivate unhooks itself from frame window, and hides all non-hidden windows. Note: two frame layouts should not be active at the same time in the same frame window, since it would cause messy overlapping of bar windows from both layouts.

---

<sup>w</sup>`wxFrameLayout::Deactivate`  
<sup>w</sup>`wxframelayoutdeactivate`  
<sup>b</sup>`rowse00452`  
<sup>K</sup>`wxFrameLayout Deactivate`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`Deactivate`

**`wxFrameLayout::DestroyBarWindows`**

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

Destroys the bar windows.

---

<sup>w</sup>`wxFrameLayout::DestroyBarWindows`

<sup>w</sup>`wxframelayouthdestroybarwindows`

<sup>b</sup>`rowse00453`

<sup>K</sup>`wxFrameLayout DestroyBarWindows`

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

<sup>K</sup>`DestroyBarWindows`

**`wxFrameLayout::DoSetBarState`**

**`void DoSetBarState(cbBarInfo* pBar)`**<sup>K</sup>

Applies the state to the window objects.

---

<sup>w</sup>`wxFrameLayout::DoSetBarState`  
<sup>w</sup>`wxframelayouthdosetbarstate`  
<sup>b</sup>`rowse00454`  
<sup>K</sup>`wxFrameLayout DoSetBarState`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`DoSetBarState`

\$#+K! **wxFrameLayout::EnableFloating**

**void EnableFloating**(**bool** *enable* = *TRUE*)<sup>K</sup>

Enables floating behaviour. By default floating of control bars is on.

---

wxFrameLayout::EnableFloating  
wxframelayoutenablefloating  
browse00455  
K wxFrameLayout EnableFloating  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K EnableFloating



<sup>\$#+K!</sup>**wxFrameLayout::FindBarByName**

**cbBarInfo\* FindBarByName(const wxString& *name*)**<sup>K</sup>

Finds the bar in the framelayout, by name.

---

<sup>w</sup>xFrameLayout::FindBarByName

<sup>w</sup>xframelayoutfindbarbyname

<sup>b</sup>rowse00456

<sup>K</sup> wxFrameLayout FindBarByName

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

<sup>K</sup> FindBarByName

**`wxFrameLayout::FindBarByWindow`**

**`cbBarInfo* FindBarByWindow(const wxWindow* pWnd)`**<sup>K</sup>

Finds the bar in the framelayout, by window.

---

<sup>w</sup>`wxFrameLayout::FindBarByWindow`  
<sup>w</sup>`wxframelayoutfindbarbywindow`  
<sup>b</sup>`rowse00457`  
<sup>K</sup>`wxFrameLayout FindBarByWindow`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`FindBarByWindow`

<sup>\$#+K!</sup>**wxFrameLayout::FindPlugin**

**cbPluginBase\*** FindPlugin(**wxClassInfo\*** *pPInfo*)<sup>K</sup>

Finds a plugin with the given class, or returns NULL if a plugin of the given class is not hooked.

---

<sup>w</sup>xFrameLayout::FindPlugin

<sup>w</sup>xframelayouthfindplugin

<sup>b</sup>rowse00458

<sup>K</sup> wxFrameLayout FindPlugin

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

<sup>K</sup> FindPlugin

**`wxFrameLayout::FirePluginEvent`**

**`void FirePluginEvent(cbPluginEvent& event)`**<sup>K</sup>

This function should be used instead of passing the event to the `ProcessEvent` method of the top-level plugin directly. This method checks if events are currently captured and ensures that plugin-event is routed correctly.

---

<sup>w</sup>`wxFrameLayout::FirePluginEvent`  
<sup>w</sup>`wxframelayoufirepluginevent`  
<sup>b</sup>`rowse00459`  
<sup>K</sup>`wxFrameLayout FirePluginEvent`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`FirePluginEvent`

**`$#+K! wxFrameLayout::ForwardMouseEvent`**

**`void ForwardMouseEvent(wxMouseEvent& event, cbDockPane* pToPane, int eventType)K`**

Delegated from "bar-spy".

---

<sup>w</sup>xFrameLayout::ForwardMouseEvent

<sup>w</sup>xframelayouthforwardmouseevent

<sup>b</sup>rowse00460

<sup>K</sup> wxFrameLayout ForwardMouseEvent

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

<sup>K</sup> ForwardMouseEvent

**`wxFrameLayout::GetBarPane`**

**`cbDockPane* GetBarPane(cbBarInfo* pBar)`**<sup>K</sup>

Returns the pane to which the given bar belongs.

---

<sup>w</sup>`wxFrameLayout::GetBarPane`

<sup>w</sup>`wxframelayougetbarpane`

<sup>b</sup>`rowse00461`

<sup>K</sup>`wxFrameLayout GetBarPane`

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

<sup>K</sup>`GetBarPane`

\$#+K! **wxFrameLayout::GetBars**

**BarArrayT& GetBars()**<sup>K</sup>

Gets an array of bars.

---

wxFrameLayout::GetBars  
wxframelayougetbars  
browse00462  
K wxFrameLayout GetBars  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K GetBars

\$#+K! **wxFrameLayout::GetClientHeight**

**int GetClientHeight()**<sup>K</sup>

Returns the client height.

---

<sup>w</sup>xFrameLayout::GetClientHeight

<sup>w</sup>xframelayougetclientheight

<sup>b</sup>rowse00463

<sup>K</sup> wxFrameLayout GetClientHeight

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

<sup>K</sup> GetClientHeight



**`$#+K! wxFrameLayout::GetClientRect`**

**`wxRect& GetClientRect()`**<sup>K</sup>

Returns the client's rectangle.

---

<sup>w</sup>xFrameLayout::GetClientRect  
<sup>w</sup>xframelayougetclientrect  
<sup>b</sup>rowse00464  
<sup>K</sup> wxFrameLayout GetClientRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetClientRect

\$#+K! **wxFrameLayout::GetClientWidth**

**int GetClientWidth()**<sup>K</sup>

Returns the client width.

---

wxFrameLayout::GetClientWidth  
wxframelayougetclientwidth  
browse00465  
K wxFrameLayout GetClientWidth  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K GetClientWidth

\$#+K! **wxFrameLayout::GetFrameClient**

**wxWindow\* GetFrameClient()**<sup>K</sup>

Returns the frame client, or NULL if not present.

---

wxFrameLayout::GetFrameClient

wxframelayougetframeclient

browse00466

K wxFrameLayout GetFrameClient

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")

K GetFrameClient

\$#+K! **wxFrameLayout::GetPane**

**cbDockPane\*** **GetPane**(int *alignment*)<sup>K</sup>

Returns a pane for the given alignment. See pane alignment types.

---

wxFrameLayout::GetPane

wxframelayougetpane

browse00467

K wxFrameLayout GetPane

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")

K GetPane

`$#+K!` **wxFrameLayout::GetPaneProperties**

**void GetPaneProperties**(**cbCommonPaneProperties&** *props*, **int** *alignment* = *FL\_ALIGN\_TOP*)<sup>K</sup>

Gets the pane properties for the given alignment.

---

<sup>w</sup>xFrameLayout::GetPaneProperties  
<sup>w</sup>xframelayougetpaneproperties  
<sup>b</sup>rowse00468  
<sup>K</sup> wxFrameLayout GetPaneProperties  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetPaneProperties

**wxFrameLayout::GetPanesArray**

**cbDockPane\*\* GetPanesArray()**<sup>K</sup>

Returns an array of panes. Used by update managers.

---

<sup>w</sup>xFrameLayout::GetPanesArray  
<sup>w</sup>xframelayougetpanesarray  
<sup>b</sup>rowse00469  
<sup>K</sup> wxFrameLayout GetPanesArray  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetPanesArray

**`wxFrameLayout::GetParentFrame`**

**`wxWindow& GetParentFrame()`**<sup>K</sup>

Returns the parent frame.

---

<sup>w</sup>`wxFrameLayout::GetParentFrame`

<sup>w</sup>`wxframelayougetparentframe`

<sup>b</sup>`rowse00470`

<sup>K</sup>`wxFrameLayout GetParentFrame`

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

<sup>K</sup>`GetParentFrame`

**`$#+K!wxFrameLayout::GetPrevClientRect`**

**`wxRect& GetPrevClientRect()`**<sup>K</sup>

Returns the previous client window rectangle.

---

<sup>w</sup>xFrameLayout::GetPrevClientRect  
<sup>w</sup>xframelayougetprevclientrect  
<sup>b</sup>rowse00471  
<sup>K</sup> wxFrameLayout GetPrevClientRect  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetPrevClientRect



**`$#+K! wxFrameLayout::GetTopPlugin`**

**`cbPluginBase& GetTopPlugin()`**<sup>K</sup>

Returns the current top-level plugin (the one that receives events first, except if input events are currently captured by some other plugin).

---

<sup>w</sup>xFrameLayout::GetTopPlugin  
<sup>w</sup>xframelayougettopplugin  
<sup>b</sup>rowse00472  
<sup>K</sup> wxFrameLayout GetTopPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetTopPlugin

**`$#+K!wxFrameLayout::GetUpdatesManager`**

**`cbUpdatesManagerBase& GetUpdatesManager()`**<sup>K</sup>

Returns a reference to the updates manager. Note: in future, the updates manager will become a normal plugin.

---

<sup>w</sup>xFrameLayout::GetUpdatesManager  
<sup>w</sup>xframelayougetupdatesmanager  
<sup>b</sup>rowse00473  
<sup>K</sup> wxFrameLayout GetUpdatesManager  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> GetUpdatesManager

`$#+K!wxFrameLayout::HasTopPlugin`

`bool HasTopPlugin()`<sup>K</sup>

Returns true if there is a top plugin.

---

`wxFrameLayout::HasTopPlugin`  
`wxframelayouthastopplugin`  
`rowse00474`  
`K wxFrameLayout HasTopPlugin`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
`K HasTopPlugin`

**wxFrameLayout::HideBarWindows**

**void HideBarWindows()**

Hides the bar windows, and also the client window if present.

---

wxFrameLayout::HideBarWindows  
wxframelayouthidebarwindows  
browse00475  
K wxFrameLayout HideBarWindows  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframelayout')")  
K HideBarWindows

\$#+K! **wxFrameLayout::HitTestPane**

**bool HitTestPane(cbDockPane\* *pPane*, int *x*, int *y*)**<sup>K</sup>

Returns TRUE if the position is within the given pane.

---

wxFrameLayout::HitTestPane  
wxframelayouthittestpane  
browse00476  
K wxFrameLayout HitTestPane  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K HitTestPane

`$#+K!` **wxFrameLayout::HitTestPanels**

**cbDockPane\*** HitTestPanels(**const wxRect&** *rect*, **cbDockPane\*** *pCurPane*)<sup>K</sup>

Returns the pane for which the rectangle hit test succeeds, giving preference to the given pane if supplied.

---

<sup>w</sup>xFrameLayout::HitTestPanels

<sup>w</sup>xframelayouthittestpanes

<sup>b</sup>rowse00477

<sup>K</sup> wxFrameLayout HitTestPanels

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

<sup>K</sup> HitTestPanels

**`$#+K! wxFrameLayout::HookUpToFrame`**

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

Hooks the layout up to the frame (pushes the layout onto the frame's event handler stack).

---

<sup>w</sup>xFrameLayout::HookUpToFrame  
<sup>w</sup>xframelayouthookuptoframe  
<sup>b</sup>rowse00478  
<sup>K</sup> wxFrameLayout HookUpToFrame  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> HookUpToFrame

`$#+K!wxFrameLayout::InverseVisibility`

`void InverseVisibility(cbBarInfo* pBar)K`

Toggles the bar between visible and hidden.

---

`wxFrameLayout::InverseVisibility`

`wxframelayouinversevisibility`

`browse00479`

`K wxFrameLayout InverseVisibility`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`

`K InverseVisibility`



<sup>\$#+K!</sup>**wxFrameLayout::LocateBar**

**bool LocateBar**(**cbBarInfo**\* *pBarInfo*, **cbRowInfo**\*\* *ppRow*, **cbDockPane**\*\* *ppPane*)<sup>K</sup>

The purpose of this function is unknown.

---

<sup>w</sup>wxFrameLayout::LocateBar  
<sup>w</sup>wxframelayoulocatebar  
<sup>b</sup>rowse00480  
<sup>K</sup>wxFrameLayout LocateBar  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup>LocateBar

`$#+K!` **wxFrameLayout::OnActivate**

**void OnActivate(wxActivateEvent& *event*)**<sup>K</sup>

Handles activation events. Currently does nothing.

---

<sup>w</sup>xFrameLayout::OnActivate

<sup>w</sup>xframelayoutonactivate

<sup>b</sup>rowse00481

<sup>K</sup> wxFrameLayout OnActivate

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

<sup>K</sup> OnActivate

**`wxFrameLayout::OnEraseBackground`**

**`void OnEraseBackground(wxEraseEvent& event)`**<sup>K</sup>

Handles background erase events. Currently does nothing.

---

<sup>w</sup>xFrameLayout::OnEraseBackground  
<sup>w</sup>xframelayoutonerasebackground  
<sup>b</sup>rowse00482  
<sup>K</sup> wxFrameLayout OnEraseBackground  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> OnEraseBackground

**`wxFrameLayout::OnIdle`**

**`void OnIdle(wxIdleEvent& event)`**<sup>K</sup>

Handles idle events.

---

<sup>w</sup>`wxFrameLayout::OnIdle`

<sup>w</sup>`wxframelayoutonidle`

<sup>b</sup>`rowse00483`

<sup>K</sup>`wxFrameLayout OnIdle`

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

<sup>K</sup>`OnIdle`

`$#+K!` **wxFrameLayout::OnKillFocus**

**void OnKillFocus(wxFocusEvent& *event*)**<sup>K</sup>

Handles focus kill events. Currently does nothing.

---

<sup>w</sup>xFrameLayout::OnKillFocus

<sup>w</sup>xframelayoutonkillfocus

<sup>b</sup>rowse00484

<sup>K</sup> wxFrameLayout OnKillFocus

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

<sup>K</sup> OnKillFocus

\$#+K! **wxFrameLayout::OnLButtonDown**

**void OnLButtonDown(wxMouseEvent& *event*)**<sup>K</sup>

Event handler for a left down button event.

---

wxFrameLayout::OnLButtonDown  
wxframelayoutonlbuttondown  
browse00485  
K wxFrameLayout OnLButtonDown  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K OnLButtonDown

`$#+K!wxFrameLayout::OnLButtonUp`

`void OnLButtonUp(wxMouseEvent& event)K`

Event handler for a left button up event.

---

`wxFrameLayout::OnLButtonUp`  
`wxframelayoutonlbuttonup`  
`rowse00486`  
`K wxFrameLayout OnLButtonUp`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
`K OnLButtonUp`

**wxFrameLayout::OnLDbIClick**

**void OnLDbIClick(wxMouseEvent& *event*)**<sup>K</sup>

Event handler for a left doubleclick button event.

---

<sup>w</sup>xFrameLayout::OnLDbIClick  
<sup>w</sup>xframelayoutonldblick  
<sup>b</sup>rowse00487  
<sup>K</sup> wxFrameLayout OnLDbIClick  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> OnLDbIClick



`$#+K!` **wxFrameLayout::OnMouseMove**

**void OnMouseMove(wxMouseEvent& *event*)**<sup>K</sup>

Event handler for a mouse move event.

---

<sup>w</sup>xFrameLayout::OnMouseMove  
<sup>w</sup>xframelayoutonmousemove  
<sup>b</sup>rowse00488  
<sup>K</sup> wxFrameLayout OnMouseMove  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> OnMouseMove

\$#+K! **wxFrameLayout::OnPaint**

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

Handles paint events, calling PaintPane for each pane.

---

wxFrameLayout::OnPaint  
wxframelayoutonpaint  
browse00489  
K wxFrameLayout OnPaint  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K OnPaint

**`wxFrameLayout::OnRButtonDown`**

**`void OnRButtonDown(wxMouseEvent& event)`**<sup>K</sup>

Event handler for a right button down event.

---

<sup>w</sup>xFrameLayout::OnRButtonDown  
<sup>w</sup>xframelayoutonrbuttondown  
<sup>b</sup>rowse00490  
<sup>K</sup> wxFrameLayout OnRButtonDown  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> OnRButtonDown

**wxFrameLayout::OnRButtonUp**

**void OnRButtonUp(wxMouseEvent& *event*)**<sup>K</sup>

Event handler for a right button up event.

---

<sup>w</sup>xFrameLayout::OnRButtonUp  
<sup>w</sup>xframelayoutonrbuttonup  
<sup>b</sup>rowse00491  
<sup>K</sup> wxFrameLayout OnRButtonUp  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> OnRButtonUp

`$#+K!` **wxFrameLayout::OnSetFocus**

**void OnSetFocus(wxFocusEvent& *event*)**<sup>K</sup>

Handles focus set events. Currently does nothing.

---

<sup>w</sup>xFrameLayout::OnSetFocus

<sup>w</sup>xframelayoutonsetfocus

<sup>b</sup>rowse00492

<sup>K</sup> wxFrameLayout OnSetFocus

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

<sup>K</sup> OnSetFocus

\$#+K! **wxFrameLayout::OnSize**

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

Event handler for a size event.

---

wxFrameLayout::OnSize  
wxframelayoutonsize  
browse00493  
K wxFrameLayout OnSize  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K OnSize

**`wxFrameLayout::PopAllPlugins`**

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

Pop all plugins.

---

<sup>w</sup>`wxFrameLayout::PopAllPlugins`

<sup>w</sup>`wxframelayouthpopallplugins`

<sup>b</sup>`rowse00494`

<sup>K</sup>`wxFrameLayout PopAllPlugins`

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

<sup>K</sup>`PopAllPlugins`

<sup>\$#+K!</sup>**wxFrameLayout::PopPlugin**

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

Similar to wxWindow's "push/pop-event-handler" methods, execept that the plugin is deleted upon "popping".

---

<sup>w</sup>xFrameLayout::PopPlugin  
<sup>w</sup>xframelayouthpopplugin  
<sup>b</sup>rowse00495  
<sup>K</sup> wxFrameLayout PopPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> PopPlugin



**`$#+K! wxFrameLayout::PositionClientWindow`**

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

Called to apply the calculated layout to window objects.

---

<sup>w</sup>xFrameLayout::PositionClientWindow  
<sup>w</sup>xframelayouthpositionclientwindow  
<sup>b</sup>rowse00496  
<sup>K</sup> wxFrameLayout PositionClientWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> PositionClientWindow

**wxFrameLayout::PositionPanes**

**void PositionPanes()**

Called to apply the calculated layout to window objects.

---

wxFrameLayout::PositionPanes  
wxframelayouthpositionpanes  
rowse00497  
K wxFrameLayout PositionPanes  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframelayout')")  
K PositionPanes

**`wxFrameLayout::PushDefaultPlugins`**

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

Adds the default plugins. These are `cbPaneDrawPlugin`, `cbRowLayoutPlugin`, `cbBarDragPlugin`, `cbAntiflickerPlugin`, `cbSimpleCustomizePlugin`. This method is automatically invoked if no plugins were found upon firing of the first plugin-event, i.e. when `wxFrameLayout` configures itself.

---

<sup>w</sup>`wxFrameLayout::PushDefaultPlugins`  
<sup>w</sup>`wxframelayouthpushdefaultplugins`  
<sup>b</sup>`rowse00498`  
<sup>K</sup>`wxFrameLayout PushDefaultPlugins`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`PushDefaultPlugins`

**`wxFrameLayout::PushPlugin`**

**`void PushPlugin(cbPluginBase* pPugin)`**<sup>K</sup>

Similar to `wxWindow`'s "push/pop-event-handler" methods, execept that the plugin is deleted upon "popping".

---

<sup>w</sup>`wxFrameLayout::PushPlugin`  
<sup>w</sup>`wxframelayouthpushplugin`  
<sup>b</sup>`rowse00499`  
<sup>K</sup> `wxFrameLayout PushPlugin`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup> `PushPlugin`

`$#+K!wxFrameLayout::RecalcLayout`

`void RecalcLayout(bool repositionBarsNow = FALSE)K`

Recalculates the layout of panes, and all bars/rows in each pane.

---

`wxFrameLayout::RecalcLayout  
wxframelayoutrcalclayout  
browse00500  
K wxFrameLayout RecalcLayout  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K RecalcLayout`

<sup>\$#+K!</sup>**wxFrameworkLayout::RedockBar**

**bool RedockBar**(**cbBarInfo**\* *pBar*, **const wxRect&** *shapeInParent*, **cbDockPane**\*  
*pToPane* = *NULL*, **bool** *updateNow* = *TRUE*)<sup>K</sup>

ReddockBar can be used for repositioning existing bars. The given bar is first removed from the pane it currently belongs to, and inserted into the pane, which "matches" the given rectangular area. If pToPane is not NULL, the bar is docked to this given pane. To dock a bar which is floating, use the wxFrameworkLayout::DockBar method.

---

<sup>w</sup>xFrameworkLayout::RedockBar  
<sup>w</sup>xframelayouredockbar  
<sup>b</sup>rowse00501  
<sup>K</sup> wxFrameworkLayout RedockBar  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> RedockBar

\$#+K! **wxFrameLayout::RefreshNow**

**void RefreshNow**(**bool** *recalcLayout* = *TRUE*)<sup>K</sup>

Recalculates layout and performs on-screen update of all panes.

---

WxFrameLayout::RefreshNow  
Wxframelayourefreshnow  
browse00502  
K wxFrameLayout RefreshNow  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K RefreshNow

**`wxFrameLayout::ReleaseEventsFromPane`**

**`void ReleaseEventsFromPane(cbDockPane* fromPane)`**<sup>K</sup>

Called by plugins; also releases mouse in the parent frame.

---

<sup>w</sup>`wxFrameLayout::ReleaseEventsFromPane`  
<sup>w</sup>`wxframelayoureleaseeventsfrompane`  
<sup>b</sup>`rowse00503`  
<sup>K</sup>`wxFrameLayout ReleaseEventsFromPane`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`ReleaseEventsFromPane`



**`wxFrameLayout::ReleaseEventsFromPlugin`**

**`void ReleaseEventsFromPlugin(cbPluginBase* pPlugin)`**<sup>K</sup>

Releases user input events for the given plugin. Input events are: mouse movement, mouse clicks, keyboard input

---

<sup>w</sup>xFrameLayout::ReleaseEventsFromPlugin  
<sup>w</sup>xframelayoutrleaseeventsfromplugin  
<sup>b</sup>rowse00504  
<sup>K</sup> wxFrameLayout ReleaseEventsFromPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> ReleaseEventsFromPlugin

**`wxFrameLayout::RemoveBar`**

**`void RemoveBar(cbBarInfo* pBar)`**<sup>K</sup>

Removes the bar from the layout permanently, and hides its corresponding window if present.

---

<sup>w</sup>xFrameLayout::RemoveBar  
<sup>w</sup>xframelayouremovebar  
<sup>b</sup>rowse00505  
<sup>K</sup> wxFrameLayout RemoveBar  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> RemoveBar

\$#+K! **wxFrameLayout::RemovePlugin**

**void RemovePlugin(wxClassInfo\* pPllInfo)**<sup>K</sup>

Checks if the plugin of the given class is hooked, and removes it if found.

---

wxFrameLayout::RemovePlugin  
wxframelayouremoveplugin  
browse00506  
K wxFrameLayout RemovePlugin  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K RemovePlugin

<sup>\$#+K!</sup>**wxFrameLayout::ReparentWindow**

**void ReparentWindow(wxWindow\* *pChild*, wxWindow\* *pNewParent*)**<sup>K</sup>

Reparents pChild to have parent pNewParent.

---

<sup>w</sup>xFrameLayout::ReparentWindow

<sup>w</sup>xframelayoutrparentwindow

<sup>b</sup>rowse00507

<sup>K</sup> wxFrameLayout ReparentWindow

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

<sup>K</sup> ReparentWindow

**wxFrameLayout::RepositionFloatedBar**

**void RepositionFloatedBar(cbBarInfo\* pBar)**

Applies the calculated layout to a floating bar.

---

wxFrameLayout::RepositionFloatedBar  
wxframelayoutrpositionfloatedbar  
rowse00508  
K wxFrameLayout RepositionFloatedBar  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K RepositionFloatedBar

**`wxFrameLayout::RouteMouseEvent`**

**`void RouteMouseEvent(wxMouseEvent& event, int pluginEvtType)`**<sup>K</sup>

Routes the mouse event to the appropriate pane.

---

<sup>w</sup>xFrameLayout::RouteMouseEvent  
<sup>w</sup>xframelayoutroutemouseevent  
<sup>b</sup>rowse00509  
<sup>K</sup> wxFrameLayout RouteMouseEvent  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup> RouteMouseEvent

\$#+K! **wxFrameLayout::SetBarState**

**void SetBarState**(**cbBarInfo\*** *pBar*, **int** *newState*, **bool** *updateNow*)<sup>K</sup>

Changes the bar's docking state (see possible control bar states).

---

wxFrameLayout::SetBarState

wxframelayousetbarstate

browse00510

K wxFrameLayout SetBarState

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")

K SetBarState

**`wxFrameLayout::SetFrameClient`**

**`void SetFrameClient(wxWindow* pFrameClient)`**<sup>K</sup>

Passes the client window (e.g. MDI client window) to be controlled by frame layout, the size and position of which should be adjusted to be surrounded by controlbar panes, whenever the frame is resized or the dimensions of control panes change.

---

<sup>w</sup>`wxFrameLayout::SetFrameClient`

<sup>w</sup>`wxframelayoutsetframeclient`

<sup>b</sup>`rowse00511`

<sup>K</sup>`wxFrameLayout SetFrameClient`

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

<sup>K</sup>`SetFrameClient`



<sup>\$#+K!</sup>**wxFrameLayout::SetMargins**

**void SetMargins(int *top*, int *bottom*, int *left*, int *right*, int *paneMask* = wxALL\_PANES)**<sup>K</sup>

Sets the margins for the given panes. The margins should go into cbCommonPaneProperties in the future. Note: this method should be called before any custom plugins are attached.

---

<sup>w</sup>wxFrameLayout::SetMargins  
<sup>w</sup>wxframelayoutsetmargins  
<sup>b</sup>rowse00512  
<sup>K</sup>wxFrameLayout SetMargins  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
<sup>K</sup>SetMargins

\$#+K! **wxFrameLayout::SetPaneBackground**

**void SetPaneBackground(const wxColour& *colour*)**<sup>K</sup>

Sets the pane background colour.

---

wxFrameLayout::SetPaneBackground  
wxframelayousetpanebackground  
browse00513  
K wxFrameLayout SetPaneBackground  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K SetPaneBackground

`wxFrameLayout::SetPaneProperties`

`void SetPaneProperties(const cbCommonPaneProperties& props, int paneMask = wxALL_PANES)`

Sets the pane properties for the given alignment. Note: changing properties of panes does not result immediate on-screen update.

---

`wxFrameLayout::SetPaneProperties`  
`wxframelayousetpaneproperties`  
`rowse00514`  
`wxFrameLayout SetPaneProperties`  
`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframelayout')")`  
`SetPaneProperties`

<sup>\$#+K!</sup>**wxFrameworkLayout::SetTopPlugin**

**void SetTopPlugin(cbPluginBase\* pPlugin)<sup>K</sup>**

Hooking custom plugins to frame layout. Note: when hooking one plugin on top of the other, use SetNextHandler or similar methods of wxEvtHandler class to compose the chain of plugins, than pass the left-most handler in this chain to the above methods (assuming that events are delegated from left-most towards right-most handler). This secenario is very inconvenient and "low-level", so use the Add/Push/PopPlugin methods instead.

---

<sup>w</sup>wxFrameworkLayout::SetTopPlugin  
<sup>w</sup>wxframelayousettopplugin  
<sup>b</sup>rowse00515  
<sup>K</sup> wxFrameworkLayout SetTopPlugin  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframelayout')")  
<sup>K</sup> SetTopPlugin

\$#+K! **wxFrameLayout::SetUpdatesManager**

**void SetUpdatesManager(cbUpdatesManagerBase\* pUMgr)<sup>K</sup>**

Destroys the previous manager if any, and sets the new one.

---

wxFrameLayout::SetUpdatesManager  
wxframelayoutsetupdatesmanager  
browse00516  
K wxFrameLayout SetUpdatesManager  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")  
K SetUpdatesManager

**`wxFrameLayout::ShowFloatedWindows`**

**`void ShowFloatedWindows(bool show)`**<sup>K</sup>

Shows all floated windows.

---

<sup>w</sup>`wxFrameLayout::ShowFloatedWindows`

<sup>w</sup>`wxframelayouthowfloatedwindows`

<sup>b</sup>`rowse00517`

<sup>K</sup>`wxFrameLayout ShowFloatedWindows`

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

<sup>K</sup>`ShowFloatedWindows`

**`wxFrameLayout::UnhookFromFrame`**

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

Unhooks the layout from the frame.

---

<sup>w</sup>`wxFrameLayout::UnhookFromFrame`  
<sup>w</sup>`wxframelayoutunhookfromframe`  
<sup>b</sup>`rowse00518`  
<sup>K</sup>`wxFrameLayout UnhookFromFrame`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframelayout')")`  
<sup>K</sup>`UnhookFromFrame`

**\$#+K!wxFrameManager::wxFrameManager**  
**wxFrameManager()**<sup>K</sup>

---

<sup>w</sup>xFrameManager::wxFrameManager  
<sup>w</sup>xframemanagerwxframemanager  
<sup>b</sup>rowse00520  
<sup>K</sup> wxFrameManager wxFrameManager  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> wxFrameManager



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

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

---

<sup>w</sup>xFrameManager::~wxFrameManager  
<sup>w</sup>xframemanagerdtor  
<sup>b</sup>rowse00521  
<sup>K</sup> wxFrameManager ~wxFrameManager  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> ~wxFrameManager

\$#+K! **wxFrameManager::ActivateView**

**void ActivateView(wxFrameView\* *pFrmView*)**<sup>K</sup>

**void ActivateView(int *viewNo*)**<sup>K</sup>

---

wxFrameManager::ActivateView

wxframemanageractivateview

browse00522

K wxFrameManager ActivateView

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")

K ActivateView

K ActivateView

**`$#+K! wxFrameManager::AddView`**

**`void AddView(wxFrameView* pFrmView)K`**

---

`w` wxFrameManager::AddView  
`w` xframemanageraddview  
`b` rowse00523  
`K` wxFrameManager AddView  
`E` nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
`K` AddView

**\$#+K!wxFrameManager::DeactivateCurrentView**

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

---

<sup>w</sup>xFrameManager::DeactivateCurrentView  
<sup>w</sup>xframemanagerdeactivatecurrentview  
<sup>b</sup>rowse00524  
<sup>K</sup> wxFrameManager DeactivateCurrentView  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> DeactivateCurrentView

**\$#+K!wxFrameManager::DestroyViews**

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

---

<sup>w</sup>xFrameManager::DestroyViews

<sup>w</sup>xframemanagerdestroyviews

<sup>b</sup>rowse00525

<sup>K</sup> wxFrameManager DestroyViews

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

<sup>K</sup> DestroyViews

**`wxFrameManager::DoSerialize`**

**`void DoSerialize(wxObjectStorage& store)`**<sup>K</sup>

---

<sup>w</sup>xFrameManager::DoSerialize  
<sup>w</sup>xframemanagerdoserialize  
<sup>b</sup>rowse00526  
<sup>K</sup> wxFrameManager DoSerialize  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> DoSerialize

**`wxFrameManager::EnableMenusForView`**

**`void EnableMenusForView(wxFrameView* pView, bool enable)`**<sup>K</sup>

---

<sup>w</sup>`wxFrameManager::EnableMenusForView`  
<sup>w</sup>`wxframemanagereenablemenusforview`  
<sup>b</sup>`rowse00527`  
<sup>K</sup>`wxFrameManager EnableMenusForView`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")`  
<sup>K</sup>`EnableMenusForView`

\$#+K! **wxFrameManager::GetActiveView**

**wxFrameView\* GetActiveView()**<sup>K</sup>

---

<sup>w</sup>xFrameManager::GetActiveView  
<sup>w</sup>xframemanagergetactiveview  
<sup>b</sup>rowse00528  
<sup>K</sup> wxFrameManager GetActiveView  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetActiveView



**\$#+K! wxFrameManager::GetActiveViewNo**

**int GetActiveViewNo()**<sup>K</sup>

---

<sup>w</sup>xFrameManager::GetActiveViewNo  
<sup>w</sup>xframemanagergetactiveviewno  
<sup>b</sup>rowse00529  
<sup>K</sup> wxFrameManager GetActiveViewNo  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetActiveViewNo

**\$#+K! wxFrameManager::GetActiveViewNode**

**wxNode\* GetActiveViewNode()**<sup>K</sup>

---

<sup>w</sup>xFrameManager::GetActiveViewNode  
<sup>w</sup>xframemanagergetactiveviewnode  
<sup>b</sup>rowse00530  
<sup>K</sup> wxFrameManager GetActiveViewNode  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetActiveViewNode

\$#+K! **wxFrameManager::GetClientWindow**

**wxWindow\* GetClientWindow()**<sup>K</sup>

---

<sup>w</sup>xFrameManager::GetClientWindow  
<sup>w</sup>xframemanagergetclientwindow  
<sup>b</sup>rowse00531  
<sup>K</sup> wxFrameManager GetClientWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetClientWindow

**\$#+K! wxFrameManager::GetObjectStore**

**wxObjectStorage& GetObjectStore()<sup>K</sup>**

---

<sup>w</sup>xFrameManager::GetObjectStore  
<sup>w</sup>xframemanagergetobjectstore  
<sup>b</sup>rowse00532  
<sup>K</sup> wxFrameManager GetObjectStore  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetObjectStore

**`$#+K! wxFrameManager::GetParentFrame`**

**`wxFrame* GetParentFrame()`**<sup>K</sup>

synonyms

---

<sup>w</sup>xFrameManager::GetParentFrame  
<sup>w</sup>xframemanagergetparentframe  
<sup>b</sup>rowse00533  
<sup>K</sup> wxFrameManager GetParentFrame  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetParentFrame

**`$#+K! wxFrameManager::GetParentWindow`**

**`wxWindow* GetParentWindow()`**<sup>K</sup>

---

<sup>w</sup>xFrameManager::GetParentWindow  
<sup>w</sup>xframemanagergetparentwindow  
<sup>b</sup>rowse00534  
<sup>K</sup> wxFrameManager GetParentWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetParentWindow

**$\$#+K!$  wxFrameManager::GetView**

**wxFrameView\* GetView(int *viewNo*)<sup>K</sup>**

---

<sup>w</sup>xFrameManager::GetView  
<sup>w</sup>xframemanagergetview  
<sup>b</sup>rowse00535  
<sup>K</sup> wxFrameManager GetView  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> GetView

**`wxFrameManager::GetViewNo`**

**`int GetViewNo(wxFrameView* pView)`**<sup>K</sup>

---

<sup>w</sup>`wxFrameManager::GetViewNo`

<sup>w</sup>`wxframemanagergetviewno`

<sup>b</sup>`rowse00536`

<sup>K</sup>`wxFrameManager GetViewNo`

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

<sup>K</sup>`GetViewNo`



`$#+K! wxFrameManager::Init`

`void Init(wxWindow* pMainFrame, const wxString& settingsFile = "")K`

if file name is empty, views are are not saved/loaded

---

`wxFrameManager::Init`

`wxframemanagerinit`

`browse00537`

`K wxFrameManager Init`

`EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")`

`K Init`

**`$#+K!wxFrameManager::ReloadViews`**

**`bool ReloadViews()`**<sup>K</sup>

---

<sup>w</sup>xFrameManager::ReloadViews  
<sup>w</sup>xframemanagerreloadviews  
<sup>b</sup>rowse00538  
<sup>K</sup> wxFrameManager ReloadViews  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxframemanager')")  
<sup>K</sup> ReloadViews

**$\$#+K!$  wxFrameManager::RemoveView**

**void RemoveView(wxFrameView\* *pFrmView*)<sup>K</sup>**

---

<sup>w</sup>xFrameManager::RemoveView  
<sup>w</sup>xframemanagerremoveview  
<sup>b</sup>rowse00539  
<sup>K</sup> wxFrameManager RemoveView  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> RemoveView

**\$#+K! wxFrameManager::SaveViewsNow**

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

---

<sup>w</sup>xFrameManager::SaveViewsNow  
<sup>w</sup>xframemanagersaveviewsnow  
<sup>b</sup>rowse00540  
<sup>K</sup> wxFrameManager SaveViewsNow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> SaveViewsNow

<sup>\$#+K!</sup>**wxFrameManager::SetClnetWindow**

**void SetClnetWindow(wxWindow\* *pFrameClient*)**<sup>K</sup>

---

<sup>w</sup>xFrameManager::SetClnetWindow  
<sup>w</sup>xframemanagersetclinetwindow  
<sup>b</sup>rowse00541  
<sup>K</sup> wxFrameManager SetClnetWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> SetClnetWindow

**\$#+K! wxFrameManager::SyncAllMenus**

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

---

<sup>w</sup> wxFrameManager::SyncAllMenus  
<sup>w</sup> wxframemanagersyncallmenus  
<sup>b</sup> rowse00542  
<sup>K</sup> wxFrameManager SyncAllMenus  
<sup>E</sup> nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> SyncAllMenus

**\$#+K!wxFrameManager::ViewsAreLoaded**

**bool ViewsAreLoaded()<sup>K</sup>**

---

<sup>w</sup>xFrameManager::ViewsAreLoaded  
<sup>w</sup>xframemanagerviewsareloaded  
<sup>b</sup>rowse00543  
<sup>K</sup> wxFrameManager ViewsAreLoaded  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxframemanager')")  
<sup>K</sup> ViewsAreLoaded

**GarbageCollector::GarbageCollector**

**GarbageCollector()**<sup>K</sup>

Default constructor.

---

<sup>G</sup>arbageCollector::GarbageCollector  
<sup>g</sup>arbagecollectorgarbagecollector  
<sup>b</sup>rowse00545  
<sup>K</sup> GarbageCollector GarbageCollector  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")  
<sup>K</sup> GarbageCollector



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

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

Destructor.

---

<sup>G</sup>arbageCollector::~~GarbageCollector  
<sup>g</sup>arbagecollectordtor  
<sup>b</sup>rowse00546  
<sup>K</sup> GarbageCollector ~GarbageCollector  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")  
<sup>K</sup> ~GarbageCollector

**GarbageCollector::AddDependency**

**void AddDependency(void\* *pObj*, void\* *pDependsOnObj*)**<sup>K</sup>

Prepare data for garbage collection.

---

<sup>G</sup> GarbageCollector::AddDependency

<sup>g</sup> garbagecollectoradddependency

<sup>b</sup> rowse00547

<sup>K</sup> GarbageCollector AddDependency

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

<sup>K</sup> AddDependency

**\$#+K! GarbageCollector::AddObject**

**void AddObject(void\* pObj, int refCnt = 1)<sup>K</sup>**

Prepare data for garbage collection.

---

<sup>G</sup> GarbageCollector::AddObject

<sup>g</sup> garbagecollectoraddobject

<sup>b</sup> rowse00548

<sup>K</sup> GarbageCollector AddObject

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

<sup>K</sup> AddObject

**GarbageCollector::ArrangeCollection**

**void ArrangeCollection()**

Executes garbage collection algorithm.

---

G GarbageCollector::ArrangeCollection  
g garbagecollectorarrangecollection  
b rowse00549  
K GarbageCollector ArrangeCollection  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")  
K ArrangeCollection

**`$#+K!` GarbageCollector::DestroyItemList**

**`void DestroyItemList(wxList& lst)`**<sup>K</sup>

Destroys a list of items.

---

<sup>G</sup> GarbageCollector::DestroyItemList

<sup>g</sup> garbagecollectordestroyitemlist

<sup>b</sup>rowse00550

<sup>K</sup> GarbageCollector DestroyItemList

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

<sup>K</sup> DestroyItemList

**`$#+K!` GarbageCollector::FindItemNode**

**`wxNode* FindItemNode(void* pForObj)`**<sup>K</sup>

Internal method for finding a node.

---

<sup>G</sup> GarbageCollector::FindItemNode

<sup>g</sup> garbagecollectorfinditemnode

<sup>b</sup>rowse00551

<sup>K</sup> GarbageCollector FindItemNode

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

<sup>K</sup> FindItemNode

**`$#+K!` GarbageCollector::FindReferenceFreeItemNode**

**`wxNode* FindReferenceFreeItemNode()`**<sup>K</sup>

Internal method for findind and freeing a node.

---

<sup>G</sup> GarbageCollector::FindReferenceFreeItemNode

<sup>g</sup> garbagecollectorfindreferencefreeitemnode

<sup>b</sup>rowse00552

<sup>K</sup> GarbageCollector FindReferenceFreeItemNode

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

<sup>K</sup> FindReferenceFreeItemNode

**\$#+K! GarbageCollector::GetCycledObjects**

**wxList& GetCycledObjects()<sup>K</sup>**

Get cycled objects.

---

<sup>G</sup>arbageCollector::GetCycledObjects

<sup>g</sup>arbagecollectorgetcycledobjects

<sup>b</sup>rowse00553

<sup>K</sup> GarbageCollector GetCycledObjects

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

<sup>K</sup> GetCycledObjects



**\$#+K! GarbageCollector::GetRegularObjects**

**wxList& GetRegularObjects()<sup>K</sup>**

Accesses the results of the algorithm.

---

<sup>G</sup>arbageCollector::GetRegularObjects  
<sup>g</sup>arbagecollectorgetregularobjects  
<sup>b</sup>rowse00554  
<sup>K</sup> GarbageCollector GetRegularObjects  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")  
<sup>K</sup> GetRegularObjects

**`GarbageCollector::RemoveReferencesToNode`**

**`void RemoveReferencesToNode(wxNode* pItemNode)`**<sup>K</sup>

Remove references to this node.

---

<sup>G</sup> `GarbageCollector::RemoveReferencesToNode`

<sup>g</sup> `garbagecollectorremovereferencestonode`

<sup>b</sup> `rowse00555`

<sup>K</sup> `GarbageCollector RemoveReferencesToNode`

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

<sup>K</sup> `RemoveReferencesToNode`

**GarbageCollector::Reset**

**void Reset()**

Removes all data from the garbage collector.

---

**GarbageCollector::Reset**

**garbagecollectorreset**

**rowse00556**

**GarbageCollector Reset**

**enableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")**

**Reset**

**`GarbageCollector::ResolveReferences`**

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

Internal method for resolving references.

---

<sup>G</sup> `GarbageCollector::ResolveReferences`  
<sup>g</sup> `garbagecollectorresolvereferences`  
<sup>b</sup> `rowse00557`  
<sup>K</sup> `GarbageCollector ResolveReferences`  
<sup>E</sup> `nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `garbagecollector')")`  
<sup>K</sup> `ResolveReferences`

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

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

Destructor.

---

<sup>L</sup>LayoutManagerBase::~~LayoutManagerBase

<sup>I</sup>layoutmanagerbasedtor

<sup>b</sup>rowse00559

<sup>K</sup>LayoutManagerBase ~LayoutManagerBase

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

<sup>K</sup>~LayoutManagerBase

**`LayoutManagerBase::Layout`**

**`void Layout(const wxSize& parentDim, wxSize& resultingDim,  
wxLayoutItemArrayT& items, int horizGap, int vertGap)`**<sup>K</sup>

Constructor.

---

<sup>L</sup>LayoutManagerBase::Layout

<sup>I</sup>layoutmanagerbaselayout

<sup>D</sup>rowse00560

<sup>K</sup>LayoutManagerBase Layout

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

<sup>K</sup>Layout

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

**`wxNewBitmapButton(const wxBitmap& labelBitmap = wxNullBitmap, const wxString& labelText = "", int alignText = NB_ALIGN_TEXT_BOTTOM, bool isFlat = TRUE, int firedEventType = wxEVT_COMMAND_MENU_SELECTED, int marginX = 2, int marginY = 2, int textToLabelGap = 2, bool isSticky = FALSE)K`**

Constructor.

**`wxNewBitmapButton(const wxString& bitmapFileName, const wxBitmapType bitmapFileType = wxBITMAP_TYPE_BMP, const wxString& labelText = "", int alignText = NB_ALIGN_TEXT_BOTTOM, bool isFlat = TRUE, int firedEventType = wxEVT_COMMAND_MENU_SELECTED, int marginX = 2, int marginY = 2, int textToLabelGap = 2, bool isSticky = FALSE)K`**

Use this constructor if buttons have to be persistent

---

<sup>w</sup>`wxNewBitmapButton::wxNewBitmapButton`  
<sup>w</sup>`wxnewbitmapbuttonwxnewbitmapbutton`  
<sup>b</sup>`rowse00562`  
<sup>K</sup>`wxNewBitmapButton wxNewBitmapButton`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")`  
<sup>K</sup>`wxNewBitmapButton`  
<sup>K</sup>`wxNewBitmapButton`

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

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

Destructor.

---

<sup>w</sup>`xNewBitmapButton::~~wxNewBitmapButton`

<sup>w</sup>`xnewbitmapbuttonondtor`

<sup>b</sup>`rowse00563`

<sup>K</sup>`wxNewBitmapButton ~wxNewBitmapButton`

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

<sup>K</sup>`~wxNewBitmapButton`



**`$#+K!wxNewBitmapButton::DestroyLabels`**

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

Internal function for destroying labels.

---

<sup>w</sup>`xNewBitmapButton::DestroyLabels`  
<sup>w</sup>`xnewbitmapbuttondestroylabels`  
<sup>b</sup>`rowse00564`  
<sup>K</sup>`wxNewBitmapButton DestroyLabels`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")`  
<sup>K</sup>`DestroyLabels`

**`$#+K! wxNewBitmapButton::DrawDecorations`**

**`void DrawDecorations(wxDC& dc)K`**

Draws the decorations.

---

`w_xNewBitmapButton::DrawDecorations`  
`w_xnewbitmapbuttondrawdecorations`  
`browse00565`  
`K wxNewBitmapButton DrawDecorations`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")`  
`K DrawDecorations`

**`wxNewBitmapButton::DrawLabel`**

**`void DrawLabel(wxDC& dc)`**<sup>K</sup>

Draws the label.

---

<sup>w</sup>`wxNewBitmapButton::DrawLabel`

<sup>w</sup>`wxnewbitmapbuttondrawlabel`

<sup>b</sup>`rowse00566`

<sup>K</sup>`wxNewBitmapButton DrawLabel`

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

<sup>K</sup>`DrawLabel`

\$#+K! **wxNewBitmapButton::DrawShade**

**void DrawShade**(int *outerLevel*, **wxDC&** *dc*, **wxPen&** *upperLeftSidePen*, **wxPen&** *lowerRightSidePen*)<sup>K</sup>

Draws shading on the button.

---

wxNewBitmapButton::DrawShade  
wxnewbitmapbuttondrawshade  
browse00567  
K wxNewBitmapButton DrawShade  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
K DrawShade

\$#+K! **wxNewBitmapButton::GetStateLabel**

**wxBitmap\* GetStateLabel()**<sup>K</sup>

Returns the label that matches the current button state.

---

wxNewBitmapButton::GetStateLabel  
wxnewbitmapbuttongetstatelabel  
browse00568  
K wxNewBitmapButton GetStateLabel  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
K GetStateLabel

`$#+K!` **wxNewBitmapButton::IsInWindow**

**bool IsInWindow(int x, int y)<sup>K</sup>**

Returns TRUE if the given point is in the window.

---

`w`xNewBitmapButton::IsInWindow  
`w`xnewbitmapbuttonisinwindow  
`b`rowse00569  
`K` wxNewBitmapButton IsInWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")  
`K` IsInWindow

\$#+K! **wxNewBitmapButton::OnEraseBackground**

**void OnEraseBackground(wxEraseEvent& *event*)**<sup>K</sup>

Responds to an erase background event.

---

wxNewBitmapButton::OnEraseBackground  
wxnewbitmapbuttononerasebackground  
browse00570  
K wxNewBitmapButton OnEraseBackground  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
K OnEraseBackground

\$#+K! **wxNewBitmapButton::OnKillFocus**

**void OnKillFocus(wxFocusEvent& *event*)**<sup>K</sup>

Responds to a kill focus event.

---

wxNewBitmapButton::OnKillFocus  
wxnewbitmapbuttononkillfocus  
browse00571  
K wxNewBitmapButton OnKillFocus  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")  
K OnKillFocus



`$#+K!` **wxNewBitmapButton::OnLButtonDown**

**void OnLButtonDown(wxMouseEvent& *event*)**<sup>K</sup>

Responds to a left mouse button down event.

---

<sup>w</sup>xNewBitmapButton::OnLButtonDown  
<sup>w</sup>xnewbitmapbuttononlbuttondown  
<sup>b</sup>rowse00572  
<sup>K</sup> wxNewBitmapButton OnLButtonDown  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
<sup>K</sup> OnLButtonDown

\$#+K! **wxNewBitmapButton::OnLButtonUp**

**void OnLButtonUp(wxMouseEvent& *event*)**<sup>K</sup>

Responds to a left mouse button up event.

---

wxNewBitmapButton::OnLButtonUp  
wxnewbitmapbuttononlbuttonup  
browse00573  
K wxNewBitmapButton OnLButtonUp  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
K OnLButtonUp

`$#+K!` **wxNewBitmapButton::OnMouseMove**

**void OnMouseMove(wxMouseEvent& *event*)**<sup>K</sup>

Responds to a mouse move event.

---

<sup>w</sup>xNewBitmapButton::OnMouseMove  
<sup>w</sup>xnewbitmapbuttononmousemove  
<sup>b</sup>rowse00574  
<sup>K</sup> wxNewBitmapButton OnMouseMove  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
<sup>K</sup> OnMouseMove

**`wxNewBitmapButton::OnPaint`**

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

Responds to a paint event.

---

<sup>w</sup>`xNewBitmapButton::OnPaint`  
<sup>w</sup>`xnewbitmapbuttononpaint`  
<sup>b</sup>`rowse00575`  
<sup>K</sup> `wxNewBitmapButton OnPaint`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")`  
<sup>K</sup> `OnPaint`

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

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

Responds to a size event.

---

<sup>w</sup>xNewBitmapButton::OnSize  
<sup>w</sup>xnewbitmapbuttononsize  
<sup>b</sup>rowse00576  
<sup>K</sup> wxNewBitmapButton OnSize  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")  
<sup>K</sup> OnSize

**`$#+K!wxNewBitmapButton::RenderAllLabelImages`**

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

Renders label images.

---

<sup>w</sup>`wxNewBitmapButton::RenderAllLabelImages`  
<sup>w</sup>`wxnewbitmapbuttonrenderalllabelimages`  
<sup>b</sup>`rowse00577`  
<sup>K</sup>`wxNewBitmapButton RenderAllLabelImages`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")`  
<sup>K</sup>`RenderAllLabelImages`

**`$#+K! wxNewBitmapButton::RenderLabelImage`**

**`void RenderLabelImage(wxBitmap*& destBmp, wxBitmap* srcBmp, bool isEnabled = TRUE, bool isPressed = FALSE)K`**

Renders the label image.

---

`w`xNewBitmapButton::RenderLabelImage  
`w`xnewbitmapbuttonrenderlabelimage  
`b`rowse00578  
`K` wxNewBitmapButton RenderLabelImage  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
`K` RenderLabelImage

**`wxNewBitmapButton::RenderLabelImages`**

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

Renders label images.

---

<sup>w</sup>`wxNewBitmapButton::RenderLabelImages`  
<sup>w</sup>`wxnewbitmapbuttonrenderlabelimages`  
<sup>b</sup>`rowse00579`  
<sup>K</sup>`wxNewBitmapButton RenderLabelImages`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxnewbitmapbutton')")`  
<sup>K</sup>`RenderLabelImages`



`$#+K!` **wxNewBitmapButton::Reshape**

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

This function should be called after Create. It renders the labels, having reloaded the button image if necessary.

---

`w`xNewBitmapButton::Reshape  
`w`xnewbitmapbuttonreshape  
`b`rowse00580  
`K` wxNewBitmapButton Reshape  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
`K` Reshape

\$#+K! **wxNewBitmapButton::SetAlignments**

**void SetAlignments**(*int alignText = NB\_ALIGN\_TEXT\_BOTTOM*, *int marginX = 2*, *int marginY = 2*, *int textToLabelGap = 2*)<sup>K</sup>

Sets the text alignment and margins.

---

wxNewBitmapButton::SetAlignments  
wxnewbitmapbuttonsetalignments  
browse00581  
K wxNewBitmapButton SetAlignments  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxnewbitmapbutton')")  
K SetAlignments

\$#+K! **wxNewBitmapButton::SetLabel**

**void SetLabel(const wxBitmap& *labelBitmap*, const wxString& *labelText* = "")**<sup>K</sup>

Sets the label and optionally label text.

---

<sup>w</sup>xNewBitmapButton::SetLabel

<sup>w</sup>xnewbitmapbuttonsetlabel

<sup>b</sup>rowse00582

<sup>K</sup> wxNewBitmapButton SetLabel

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

<sup>K</sup> SetLabel

**wxToolWindow::wxToolWindow**

**wxToolWindow()**<sup>K</sup>

Default constructor.

---

<sup>w</sup>xToolWindow::wxToolWindow  
<sup>w</sup>xtoolwindowwxtoolwindow  
<sup>b</sup>rowse00585  
<sup>K</sup> wxToolWindow wxToolWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> wxToolWindow

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

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

Destructor.

---

`w`xToolWindow::~~wxToolWindow  
`w`xtoolwindowdtdtor  
`b`rowse00586  
`K` wxToolWindow ~wxToolWindow  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
`K` ~wxToolWindow

**wxToolWindow::AddMiniButton**

**void AddMiniButton(cbMiniButton\* *pBtn*)**<sup>K</sup>

Adds a button. Buttons are added in right-to-left order.

---

<sup>w</sup>xToolWindow::AddMiniButton  
<sup>w</sup>xtoolwindowadminibutton  
<sup>b</sup>rowse00587  
<sup>K</sup> wxToolWindow AddMiniButton  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> AddMiniButton

**`wxToolWindow::AdjustRectPos`**

**`void AdjustRectPos(const wxRect& original, const wxSize& newDim, wxRect& newRect)`**<sup>K</sup>

Helper function.

---

<sup>w</sup>`wxToolWindow::AdjustRectPos`

<sup>w</sup>`wxtoolwindowadjustrectpos`

<sup>b</sup>`rowse00588`

<sup>K</sup>`wxToolWindow AdjustRectPos`

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

<sup>K</sup>`AdjustRectPos`

\$#+K! **wxToolWindow::CalcResizedRect**

**void CalcResizedRect(wxRect& *rect*, wxPoint& *delta*, const wxSize& *minDim*)**<sup>K</sup>

Calculate resized rectangle.

---

wxToolWindow::CalcResizedRect

wxtoolwindowcalcresizedrect

browse00589

K wxToolWindow CalcResizedRect

EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")

K CalcResizedRect



\$#+K! **wxToolWindow::DrawHintRect**

**void DrawHintRect(const wxRect& *r*)**<sup>K</sup>

Draws the hint rectangle.

---

<sup>w</sup>xToolWindow::DrawHintRect

<sup>w</sup>xtoolwindowdrawhintrect

<sup>b</sup>rowse00590

<sup>K</sup> wxToolWindow DrawHintRect

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

<sup>K</sup> DrawHintRect

**wxToolWindow::GetClient**

**wxWindow\* GetClient()**

Returns the client window.

---

wxToolWindow::GetClient  
wxtoolwindowgetclient  
browse00591  
K wxToolWindow GetClient  
E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
K GetClient

**`$#+K! wxToolWindow::GetMinimalWndDim`**

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

Helper function.

---

`w`xToolWindow::GetMinimalWndDim  
`w`xtoolwindowgetminimalwnddim  
`b`rowse00592  
`K` wxToolWindow GetMinimalWndDim  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
`K` GetMinimalWndDim

`$#+K!` **wxToolWindow::GetPreferredSize**

**wxSize** **GetPreferredSize**(const **wxSize**& *given*)<sup>K</sup>

Returns the preferred size for the window.

---

<sup>w</sup>xToolWindow::GetPreferredSize

<sup>w</sup>xtoolwindowgetpreferredsize

<sup>b</sup>rowse00593

<sup>K</sup> wxToolWindow GetPreferredSize

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

<sup>K</sup> GetPreferredSize

`$#+K!` **wxToolWindow::GetScrMousePos**

**void GetScrMousePos(wxMouseEvent& *event*, wxPoint& *pos*)**<sup>K</sup>

Gets the mouse position in screen coordinates.

---

<sup>w</sup>xToolWindow::GetScrMousePos  
<sup>w</sup>xtoolwindowgetscrmousepos  
<sup>b</sup>rowse00594  
<sup>K</sup> wxToolWindow GetScrMousePos  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> GetScrMousePos

`$#+K!wxToolWindow::GetScrWindowRect`

`void GetScrWindowRect(wxRect& r)K`

Maps client coordinates to screen coordinates.

---

`wxToolWindow::GetScrWindowRect`  
`wxtoolwindowgetscrwindowrect`  
`rowse00595`  
`K wxToolWindow GetScrWindowRect`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxtoolwindow')")`  
`K GetScrWindowRect`

`$#+K!` **wxToolWindow::HandleTitleClick**

**bool HandleTitleClick(wxMouseEvent& *event*)**<sup>K</sup>

Handles clicking on the title. By default, does nothing.

---

`w`xToolWindow::HandleTitleClick  
`w`xtoolwindowhandletitleclick  
`b`rowse00596  
`K` wxToolWindow HandleTitleClick  
`E`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
`K` HandleTitleClick

`$#+K!` **wxToolWindow::HitTestWindow**

**int HitTestWindow(wxMouseEvent& *event*)**<sup>K</sup>

Tests if the mouse position is in this window.

---

<sup>w</sup>xToolWindow::HitTestWindow  
<sup>w</sup>xtoolwindowhittestwindow  
<sup>b</sup>rowse00597  
<sup>K</sup> wxToolWindow HitTestWindow  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> HitTestWindow



**wxToolWindow::LayoutMiniButtons**

**void LayoutMiniButtons()**

Lays out the buttons.

---

wxToolWindow::LayoutMiniButtons  
wxtoolwindowlayoutminibuttons  
browse00598  
K wxToolWindow LayoutMiniButtons  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `wxtoolwindow')")  
K LayoutMiniButtons

**`wxToolWindow::OnEraseBackground`**

**`void OnEraseBackground(wxEraseEvent& event)`**<sup>K</sup>

Responds to an erase background event.

---

<sup>w</sup>xToolWindow::OnEraseBackground  
<sup>w</sup>xtoolwindowonerasebackground  
<sup>b</sup>rowse00599  
<sup>K</sup> wxToolWindow OnEraseBackground  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> OnEraseBackground

`$#+K!wxToolWindow::OnLeftDown`

`void OnLeftDown(wxMouseEvent& event)K`

Responds to a mouse left down event.

---

`wxToolWindow::OnLeftDown`  
`wxtoolwindowonleftdown`  
`rowse00600`  
`K wxToolWindow OnLeftDown`  
`E nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")`  
`K OnLeftDown`

`$#+K!` **wxToolWindow::OnLeftUp**

**void OnLeftUp(wxMouseEvent& event)**<sup>K</sup>

Responds to a mouse left up event.

---

<sup>w</sup>xToolWindow::OnLeftUp  
<sup>w</sup>xtoolwindowonleftup  
<sup>b</sup>rowse00601  
<sup>K</sup> wxToolWindow OnLeftUp  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> OnLeftUp

**wxToolWindow::OnMiniButtonClicked**

**void OnMiniButtonClicked(int *btnIdx*)**<sup>K</sup>

Called when a mini button is clicked. By default, does nothing.

---

<sup>w</sup>xToolWindow::OnMiniButtonClicked  
<sup>w</sup>xtoolwindowonminibuttonclicked  
<sup>b</sup>rowse00602  
<sup>K</sup> wxToolWindow OnMiniButtonClicked  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> OnMiniButtonClicked

**`wxToolWindow::OnMotion`**

**`void OnMotion(wxMouseEvent& event)`**<sup>K</sup>

Responds to a mouse move event.

---

<sup>w</sup>`xToolWindow::OnMotion`  
<sup>w</sup>`xtoolwindowonmotion`  
<sup>b</sup>`rowse00603`  
<sup>K</sup>`wxToolWindow OnMotion`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")`  
<sup>K</sup>`OnMotion`

**`wxToolWindow::OnPaint`**

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

Responds to a paint event.

---

<sup>w</sup>`xToolWindow::OnPaint`  
<sup>w</sup>`xtoolwindowonpaint`  
<sup>b</sup>`rowse00604`  
<sup>K</sup>`wxToolWindow OnPaint`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")`  
<sup>K</sup>`OnPaint`

**wxToolWindow::OnSize**

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

Responds to a size event.

---

<sup>w</sup>xToolWindow::OnSize  
<sup>w</sup>xtoolwindow::OnSize  
<sup>b</sup>rowse00605  
<sup>K</sup> wxToolWindow OnSize  
<sup>E</sup>nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
<sup>K</sup> OnSize



\$#+K! **wxToolWindow::SetClient**

**void SetClient(wxWindow\* pWnd)**<sup>K</sup>

Sets the client for this tool window.

---

wxToolWindow::SetClient  
wxtoolwindowsetclient  
browse00606  
K wxToolWindow SetClient  
EnableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")  
K SetClient

**`$#+K! wxToolWindow::SetHintCursor`**

**`void SetHintCursor(int type)K`**

Sets the hint cursor.

---

<sup>w</sup>`xToolWindow::SetHintCursor`  
<sup>w</sup>`xtoolwindowsethintcursor`  
<sup>b</sup>`rowse00607`  
<sup>K</sup>`wxToolWindow SetHintCursor`  
<sup>E</sup>`nableButton("Up");ChangeButtonBinding("Up", "JumpId(`fl.hlp', `wxtoolwindow')")`  
<sup>K</sup>`SetHintCursor`

\$#+K! **wxToolWindow::SetTitleFont**

**void SetTitleFont(wxFont& *font*)**<sup>K</sup>

Sets the title font.

---

<sup>w</sup>xToolWindow::SetTitleFont

<sup>w</sup>xtoolwindowsettitlefont

<sup>b</sup>rowse00608

<sup>K</sup> wxToolWindow SetTitleFont

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

<sup>K</sup> SetTitleFont

## **A row of all non-fixed bars don't position properly**

By Julian Smart.

I found that if I added all non-fixed bars, bars would overlap. This seems to be because the proportional resizing doesn't work before the window is laid out. I worked around this by setting pane sizes *before* the bars are added:

```
wxSize sz = GetClientSize();

// Set width for panes to help it do the calculations
int i;
for (i = 0; i < 2; i++)
{
    cbDockPane& pane = * (m_frameLayout->GetPane(i));
    pane.SetPaneWidth(sz.x);
}
```

---

A row of all non-fixed bars don't position properly

topic3

browse00614

A row of all non-fixed bars don't position properly

enableButton("Up");ChangeButtonBinding("Up", "JumpId(^fl.hlp', `faq')")





