

API Documentation

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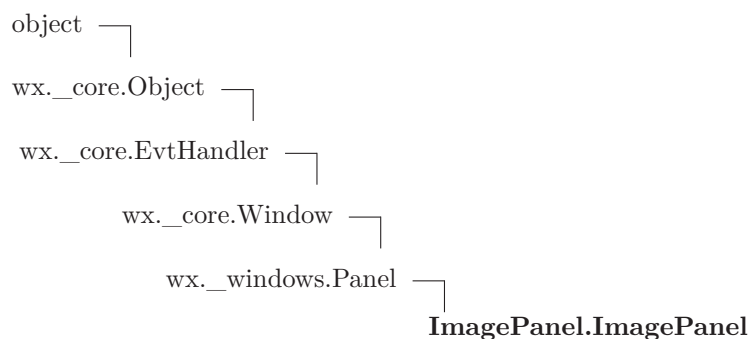
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1 Module *ImagePanel*

1.1 Variables

Name	Description
<code>__package__</code>	Value: None

1.2 Class *ImagePanel*



1.2.1 Methods

<code>__init__</code> (<i>self</i> , <i>parent</i>) <code>__init__</code> (<i>self</i> , Window <i>parent</i> , int <i>id</i> =-1, Point <i>pos</i> =DefaultPosition, Size <i>size</i> =DefaultSize, long <i>style</i> =wxTAB_TRAVERSAL wxNO_BORDER, String <i>name</i> =PanelNameStr) -> Panel Return Value EvtHandler Overrides: object. <code>__init__</code> extit(inherited documentation)
<code>SetAutoRefresh</code> (<i>self</i>) Enable autorefresh
<code>SetManualRefresh</code> (<i>self</i>) Disable autorefresh
<code>AutoRefresh</code> (<i>self</i>) Returns true if autorefresh is enable Return Value bool

ManualRefresh(*self*)

Returns true if autorefresh is disable

Return Value

bool

SetConfig(*self*, *config*)

It allow to configurate panel behaviour

Parameters

config: bit mask

(*type=int*)

GetConfig(*self*)

Returns panel configuration

Return Value

bit mask

(*type=int*)

GetSizeConfig(*self*)

Returns size configuration

Return Value

int

GetXPositionConfig(*self*)

Returns horizontal position configuration

Return Value

int

GetYPositionConfig(*self*)

Returns vertical position configuration

Return Value

int

IsDraggable(*self*)

Returns true if panel is configured as draggable

Return Value

bool

ZoomWheel(*self*)

Returns true if panel is configured to allow zoom with mouse wheel

Return Value

bool

SetZoomStep(*self*, *zoomStep*)

Set percent of zoom step

Parameters

zoomStep: percent of step
(*type=float*)

SetMaxZoom(*self*, *maxZoom*)

Set percent of max zoom

Parameters

maxZoom: percent of max zoom
(*type=float*)

SetMinZoom(*self*, *minZoom*)

Set percent of min zoom

Parameters

minZoom: percent of min zoom
(*type=float*)

SetZoom(*self*, *zoom*)

Set percent of zoom

Parameters

zoom: percent of zoom
(*type=float*)

AutoZoom(*self*)

Set best zoom for image

Enlarge(*self*)

Increase de zoom and enlarge the image

Shrink(*self*)

Decreases de zoom and shrink the image

GetBestZoom(*self*)

Returns the best zoom for the image according to the size of the panel

Return Value

best zoom
(*type=float*)

GetMinZoom(*self*)

Returns minzoom

Return Value

minzoom

(*type=float*)

GetMaxZoom(*self*)

Returns maxzoom

Return Value

maxzoom

(*type=float*)

GetZoom(*self*)

Returns current zoom

Return Value

current zoom

(*type=float*)

GetImageSize(*self*)

Returns image size according to the size configuration

Return Value

image size

(*type=(float, float)*)

MoveX(*self*, *x*)

Move horizontally the image

Parameters

x: relative distance

(*type=int, float*)

MoveY(*self*, *y*)

Move vertically the image

Parameters

y: relative distance

(*type=int, float*)

MoveXY(*self*, *x*, *y*)

Move image

Parameters**x**: relative distance in x*(type=int, float)***y**: relative distance in y*(type=int, float)*

Overrides: wx._core.Window.MoveXY

ScrollX(*self*, *x*)

It sets the horizontal absolute displacement

Parameters**x**: x displacement*(type=int, float)***ScrollY**(*self*, *y*)

It sets the vertical absolute displacement

Parameters**y**: y displacement*(type=int, float)***ScrollXY**(*self*, *x*, *y*)

It sets the absolute displacement

Parameters**x**: x displacement*(type=int, float)***y**: y displacement*(type=int, float)***isOnLeft**(*self*)

Returns true if horizontal scroll is 0

Return Value

bool

isOnRight(*self*)

Returns true if horizontal scroll is max

Return Value

bool

isOnTop(*self*)

Returns true if vertical scroll is 0

Return Value

bool

isOnBottom(*self*)

Returns true if vertical scroll is max

Return Value

bool

GetMinScrollX(*self*)

Returns minimum possible horizontal scroll

Return Value

min scroll

(*type=float*)

GetMinScrollY(*self*)

Returns minimum possible vertical scroll

Return Value

min scroll

(*type=float*)

GetMaxScrollX(*self*)

Returns maximum possible horizontal scroll

Return Value

max scroll

(*type=float*)

GetMaxScrollY(*self*)

Returns maximum possible vertical scroll

Return Value

max scroll

(*type=float*)

GetScrollX(*self*)

Returns horizontal scroll

Return Value

horizontal scroll

(*type=float*)

GetScrollY(*self*)

Returns vertical scroll

Return Value

vertical scroll

*(type=float)***GetPosition(*self*)**

Returns scroll position

Return Value

(scroll x, scroll y)

(type=(float, float))

Overrides: wx._core.Window.GetPosition

SetImage(*self*, *image*)

Used to set an image

Parameters**image:** an image*(type=wx.Image)***RefreshImage(*self*)**

Repaints the image

Inherited from wx._windows.Panel

Create(), GetClassDefaultAttributes(), SetFocusIgnoringChildren(), __repr__()

Inherited from wx._core.Window

AcceptsFocus(), AcceptsFocusFromKeyboard(), AddChild(), AdjustForLayoutDirection(), AssociateHandle(), CacheBestSize(), CanSetTransparent(), CaptureMouse(), Center(), CenterOnParent(), Centre(), CentreOnParent(), ClearBackground(), ClientToScreen(), ClientToScreenXY(), ClientToWindowSize(), Close(), ConvertDialogPointToPixels(), ConvertDialogSizeToPixels(), ConvertPixelPointToDialog(), ConvertPixelSizeToDialog(), DLG_PNT(), DLG_SZE(), Destroy(), DestroyChildren(), Disable(), DissociateHandle(), DragAcceptFiles(), Enable(), FindFocus(), FindWindowById(), FindWindowByLabel(), FindWindowByName(), Fit(), FitInside(), Freeze(), GetAcceleratorTable(), GetAdjustedBestSize(), GetAutoLayout(), GetBackgroundColour(), GetBackgroundStyle(), GetBestFittingSize(), GetBestSize(), GetBestSizeTuple(), GetBestVirtualSize(), GetBorder(), GetCapture(), GetCaret(), GetCharHeight(), GetCharWidth(), GetChildren(), GetClientAreaOrigin(), GetClientRect(), GetClientSize(), GetClientSizeTuple(), GetConstraints(), GetContainingSizer(), GetCursor(), GetDefaultAttributes(), GetDropTarget(), GetEffectiveMinSize(), GetEventHandler(), GetExtraStyle(), GetFont(), GetForegroundColour(), GetFullTextExtent(), GetGrandParent(), GetGtkWidget(), GetHandle(),

GetHelpText(), GetHelpTextAtPoint(), GetId(), GetLabel(), GetLayoutDirection(),
 GetMaxHeight(), GetMaxSize(), GetMaxWidth(), GetMinHeight(), GetMinSize(),
 GetMinWidth(), GetName(), GetParent(), GetPositionTuple(), GetRect(), GetScreen-
 Position(), GetScreenPositionTuple(), GetScreenRect(), GetScrollPos(), GetScroll-
 Range(), GetScrollThumb(), GetSize(), GetSizeTuple(), GetSizer(), GetTextEx-
 tent(), GetThemeEnabled(), GetToolTip(), GetToolTipString(), GetTopLevelPar-
 ent(), GetUpdateClientRect(), GetUpdateRegion(), GetValidator(), GetVirtual-
 Size(), GetVirtualSizeTuple(), GetWindowBorderSize(), GetWindowStyle(), GetWin-
 dowStyleFlag(), GetWindowVariant(), HasCapture(), HasFlag(), HasMultiplePages(),
 HasScrollbar(), HasTransparentBackground(), Hide(), HitTest(), HitTestXY(), In-
 heritAttributes(), InheritsBackgroundColour(), InitDialog(), InvalidateBestSize(),
 IsBeingDeleted(), IsDoubleBuffered(), IsEnabled(), IsExposed(), IsExposedPoint(),
 IsExposedRect(), IsFrozen(), IsRetained(), IsShown(), IsShownOnScreen(), IsTo-
 pLevel(), Layout(), LineDown(), LineUp(), Lower(), MakeModal(), Move(), MoveAf-
 terInTabOrder(), MoveBeforeInTabOrder(), Navigate(), NewControlId(), NextCon-
 trolId(), PageDown(), PageUp(), PopEventHandler(), PopupMenu(), PopupMenuXY(),
 PostCreate(), PrepareDC(), PrevControlId(), PushEventHandler(), Raise(), Re-
 fresh(), RefreshRect(), RegisterHotKey(), ReleaseMouse(), RemoveChild(), Re-
 moveEventHandler(), Reparent(), ScreenToClient(), ScreenToClientXY(), Scrol-
 lLines(), ScrollPages(), ScrollWindow(), SendSizeEvent(), SetAcceleratorTable(),
 SetAutoLayout(), SetBackgroundColour(), SetBackgroundStyle(), SetBestFitting-
 Size(), SetCaret(), SetClientRect(), SetClientSize(), SetClientSizeWH(), SetCon-
 straints(), SetContainingSizer(), SetCursor(), SetDimensions(), SetDoubleBuffered(),
 SetDropTarget(), SetEventHandler(), SetExtraStyle(), SetFocus(), SetFocusFromKbd(),
 SetFont(), SetForegroundColour(), SetHelpText(), SetHelpTextForId(), SetId(),
 SetInitialSize(), SetLabel(), SetLayoutDirection(), SetMaxSize(), SetMinSize(), Set-
 Name(), SetOwnBackgroundColour(), SetOwnFont(), SetOwnForegroundColour(),
 SetPosition(), SetRect(), SetScrollPos(), SetScrollbar(), SetSize(), SetSizeHints(),
 SetSizeHintsSz(), SetSizeWH(), SetSizer(), SetSizerAndFit(), SetThemeEnabled(),
 SetToolTip(), SetToolTipString(), SetTransparent(), SetValidator(), SetVirtual-
 Size(), SetVirtualSizeHints(), SetVirtualSizeHintsSz(), SetVirtualSizeWH(), SetWin-
 dowStyle(), SetWindowStyleFlag(), SetWindowVariant(), ShouldInheritColours(),
 Show(), Thaw(), ToggleWindowStyle(), TransferDataFromWindow(), TransferData-
 ToWindow(), UnregisterHotKey(), Update(), UpdateWindowUI(), UseBgCol(),
 Validate(), WarpPointer(), WindowToClientSize()

Inherited from wx.__core.EvtHandler

AddPendingEvent(), Bind(), Connect(), Disconnect(), GetEvtHandlerEnabled(),
 GetNextHandler(), GetPreviousHandler(), ProcessEvent(), ProcessPendingEvents(),
 SetEvtHandlerEnabled(), SetNextHandler(), SetPreviousHandler(), Unbind()

Inherited from wx.__core.Object

GetClassName(), IsSameAs()

Inherited from object

```

__delattr__(), __format__(), __getattr__(), __hash__(), __new__(),
__reduce__(), __reduce_ex__(), __setattr__(), __sizeof__(), __str__(),
__subclasshook__()

```

1.2.2 Properties

Name	Description
<i>Inherited from wx._windows.Panel</i> thisown	
<i>Inherited from wx._core.Window</i> AcceleratorTable, AutoLayout, BackgroundColour, BackgroundStyle, BestSize, BestVirtualSize, Border, Caret, CharHeight, CharWidth, Children, ClientAreaOrigin, ClientRect, ClientSize, Constraints, ContainingSizer, Cursor, DefaultAttributes, DropTarget, EffectiveMinSize, Enabled, EventHandler, ExtraStyle, Font, ForegroundColour, GrandParent, GtkWidget, Handle, HelpText, Id, Label, LayoutDirection, MaxHeight, MaxSize, MaxWidth, MinHeight, MinSize, MinWidth, Name, Parent, Position, Rect, ScreenPosition, ScreenRect, Shown, Size, Sizer, ThemeEnabled, ToolTip, ToolTipString, TopLevel, TopLevelParent, UpdateClientRect, UpdateRegion, Validator, VirtualSize, WindowStyle, WindowStyleFlag, WindowVariant	
<i>Inherited from wx._core.EvtHandler</i> EvtHandlerEnabled, NextHandler, PreviousHandler	
<i>Inherited from wx._core.Object</i> ClassName	
<i>Inherited from object</i> __class__	

1.2.3 Class Variables

Name	Description
DEFAULT_CONFIG	Value: 0
OPTIMAL_SIZE	Value: 0
NORMAL_SIZE	Value: 1
TIGHT_SIZE	Value: 2
FULL_SIZE	Value: 3
ZOOM_SIZE	Value: 4
OPTIMAL_X_POS	Value: 0
LEFT_POS	Value: 8
RIGHT_POS	Value: 16
SCROLLED_X_POS	Value: 24

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Name	Description
CENTERED_X_POS	Value: 32
OPTIMAL_Y_POS	Value: 0
TOP_POS	Value: 64
BOTTOM_POS	Value: 128
SCROLLED_Y_POS	Value: 192
CENTERED_Y_POS	Value: 256
DRAGGABLE	Value: 0
NO_DRAGGABLE	Value: 512
AUTO_REFRESH	Value: 0
MANUAL_REFRESH	Value: 1024
ZOOM_WHEEL	Value: 0
NO_ZOOM_WHEEL	Value: 2048

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