

See Also

[GraffitiTimelineBar](#)
[GraffitiWebTimelineGroup](#)
[GraffitiWebTimelineItem](#)
[GraffitiTimelineRestriction](#)

Enumerations

Name	Values
Alignments	Default
	Center
	Left
	Right
AxisOrientations	Bottom
	Top
	Both
	None
HeightModes	Auto
	Fixed
	FitItems
ItemOrientations	Bottom
	Top
SupportedLocales	en
	en_US
	en_GB
	it
	it_IT
	it_CH
	nl
	nl_NL
	nl_BE
	de
	de_DE
	fr
	fr_FR
	fr_CA
	fr_BE
	uk
	uk_UA
ru	
ru_RU	
pl	
pl_PL	

Constants

Name	Type	Value
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This class exposes no constants.

Events

Definition	Parameters	Description
AxisRightClick	atDate as Date	Raised when the user right-clicks one of the axes.
	X as Integer	
	Y as Integer	
BarMoved	Bar as GraffitiWebTimelineBar	Raised when the user drags a bar to a new position.
GroupBackgroundRightClick	group as GraffitiWebTimelineGroup	Raised when use right-clicks the background of a group.
	atDate as Date	
	pageX as Integer	
	pageY as Integer	
GroupLabelRightClick	group as GraffitiWebTimelineGroup	Raised when the user right-clicks a group label.
	X as Integer	
	Y as Integer	
GroupsOrderChange	None	Raised when the user has reordered groups.
ItemAction	item as GraffitiWebTimelineItem	Raised when the user clicks on an item.
ItemMoved	item as GraffitiWebTimelineItem	Raised when the user has moved an item on the timeline.
ItemRemoved	item as GraffitiWebTimelineItem	Raise when the user removed an item by clicking the X button.
ItemRightClick	item as GraffitiWebTimelineItem	Raised when user right-clicks an item on the timeline.
	pageX as Integer	
	pageY as Integer	
ItemSelectionChange	selectedItems() as GraffitiWebTimelineItem	Raised when the user has altered the selected items in the display.
RightClick	atDate as Date	Raised when the user right-clicked a part of the timeline that does not contain a group or item.
	pageX as Integer	
	pageY as Integer	
TimeAction	atDate as Date	Raised when user clicks an area of the timeline that does not contain an item.
	toGroup as GraffitiWebTimelineGroup	
ViewChanged	None	Raised when the user has change the viewable area range by scrolling, dragging, or zooming.

Methods

Definition	Parameters	Return Type	Description
AddBar	newBar as GraffitiWebTimelineBar	None	Adds a new bar to the timeline.
AddGroup	newGroup as GraffitiWebTimelineGroup	None	Adds a new group to the timeline.
AddItem	newItem as GraffitiWebTimelineItem	None	Adds a new item to the timeline.
AddRestriction	newRestriction as GraffitiWebTimelineRestriction	None	Adds a new restriction to the timeline.
BarAt	Index as Integer	GraffitiWebTimelineBar	Returns the bar at the specified index.
DeselectAll	None	None	Deselects all items.
GroupAt	Index as Integer	GraffitiWebTimelineGroup	Returns the group at the specified index.
ItemAt	Index as Integer	GraffitiWebTimelineItem	Returns the item at the specified index.
LastBarIndex	None	Integer	Returns the index of the final bar added.
LastGroupIndex	None	Integer	Returns the index of the final group added.
LastItemIndex	None	Integer	Returns the index of the final item added.
LastRestrictionIndex	None	Integer	Returns the index of the final restriction added.
Redraw	None	None	Force a UI update.
RemoveAllBars	None	None	Removes all bars from the component.
RemoveAllGroups	None	None	Removes all groups from the component.

Definition	Parameters	Return Type	Description
RemoveAllItems	None	None	Removes all items from the component.
RemoveAllRestrictions	None	None	Removes all restrictions from the component.
RemoveBar	BarToRemove as GraffitiWebTimelineBar	None	Removes the specified bar.
RemoveGroup	GroupToRemove as GraffitiWebTimelineGroup RemoveAllItems as Boolean = True	None	Removes the specified group.
RemoveItem	ItemToRemove as GraffitiWebTimelineItem	None	Removes the specified item.
RemoveRestriction	RestrictionToRemove as GraffitiWebTimelineRestriction	None	Removes the specified restriction.
RestrictionAt	index as Integer	GraffitiWebTimelineRestriction	Returns the restriction at the specified index.
ShowAll	None	None	Scroll and Zoom the display to fit all items.
ShowItem	ItemToShow as GraffitiWebTimelineItem	None	Scroll and Zoom the display to show the specified item.
ShowTime	TimeToShow as Date	None	Scroll and Zoom the display to show the specified date object's value.
ZoomIn	Percentage as Integer	None	Zoom the display in by the supplied percentage value.
ZoomOut	Percentage as Integer	None	Zoom the display out by the supplied percentage value.

Properties

Name	Type	Default Value	Description
Alignment	Alignments	Alignments.Default	Alignment of items with type 'box', 'range', and 'background'.
CanAddItem	Boolean	True	When True, users are able to add items by interacting with the component.
CanChangeItemGroup	Boolean	True	When True, users can drag items from one group to another.
CanChangeItemTime	Boolean	True	When True, users can drag items to change their value.
CanMove	Boolean	True	Specifies whether the Timeline can be moved and zoomed by dragging the window.
CanMultiselect	Boolean	True	When True, users can select multiple items.
CanMultiselectGroup	Boolean	True	When True, users can select multiple groups.
CanOrderGroups	Boolean	True	When True users can drag groups to reorder them.
CanRemoveGroup	Boolean	True	When True, users can remove groups by interacting with the UI.
CanRemoveItem	Boolean	True	When True, users can remove items by interacting with the UI.
CanSelect	Boolean	True	When True, users can select items by clicking on them.
CanZoom	Boolean	True	When True, users can zoom the display by interacting with it.
CanZoomMouse	Boolean	True	When True, users can zoom the display using the mouse wheel.
DateMaximum	Date	Nil	The maximum date and time that can be displayed.
DateMinimum	Date	Nil	The minimum date and time that can be displayed.
DisplayLocale	SupportedLocales	SupportedLocales.en	Current display locale.
HeightMode	HeightModes	HeightModes.Auto	Vertical sizing of the timeline display within the component.
MarginAxis	Integer	20	Distance between axis points.
MarginItemHorizontal	Integer	10	Margin for horizontal item display.
MarginItemVertical	Integer	10	Margin for vertical item display.
OrientationAxis	AxisOrientations	AxisOrientations.Bottom	Orientation of axis display.
OrientationItems	ItemOrientations	ItemOrientations.Bottom	Orientation of items relative to the axis.

Name	Type	Default Value	Description
OverrideItemEdit	Boolean	False	When True, item edit properties are overridden in favor of those on the Timeline instance.
RollingMode	Boolean	False	When True, the timeline display will shift continuously to display the current date/time at center.
RollingModeOffset	Integer	50	Set how far from the left the rolling mode is implemented from. Percentage value (0-100).
ShowCurrentTime	Boolean	True	When True, displays a bar at the current date/time that the user cannot interact with.
ShowHelpTags	Boolean	True	When the mouse is hovered of an item with a helptag, it will be displayed if this value is true.
ShowMajorLabels	Boolean	True	Determines whether major labels, such as the day, are displayed.
ShowMinorLabels	Boolean	True	Determines whether minor labels, such as seconds, are displayed.
StyleAxisGroups	WebStyle	Nil	WebStyle to apply to the group axis.
StyleAxisTime	WebStyle	Nil	WebStyle to apply to the time axis.
StyleColumnsEven	WebStyle	Nil	WebStyle to apply to even major labeled columns in the display.
StyleColumnsOdd	WebStyle	Nil	WebStyle to apply to odd major labeled columns in the display.
StyleDayToday	WebStyle	Nil	WebStyle to apply to the current date column.
StyleDayTomorrow	WebStyle	Nil	WebStyle to apply to the column for tomorrow.
StyleWeekdaySunday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdayMonday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdayTuesday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdayWednesday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdayThursday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdayFriday	WebStyle	Nil	WebStyle to apply to the specified day of the week.

Name	Type	Default Value	Description
StyleWeekdaySaturday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
StyleWeekdaySunday	WebStyle	Nil	WebStyle to apply to the specified day of the week.
TimeAxisScale	TimeScales	TimeScales.None	Granularity of the time display.
TimeAxisStep	Integer	1	Interval used for the TimeAxisScale.
ViewEnd	Date	Nil	The current maximum viewable date in the display.
ViewStart	Date	Nil	The current minimum viewable date in the display.

Examples

This class currently has no examples.

Notes

This class currently has no notes.

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