

See Also

[GraffitiTreeNode](#)

Enumerations

Name	Values
Styles	Modern
	Classic
	Dark

Constants

Name	Type	Value
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This class exposes no constants.

Events

Definition	Description
MouseEnterNode(theNode as GraffitiTreeNode)	Is fired when the mouse enters the drawable area of a GraffitiTreeNode.
MouseExitNode(theNode as GraffitiTreeNode)	Fires when the mouse exits the drawable area of a GraffitiTreeNode.
NodeCollapse(theNode as GraffitiTreeNode)	Signals that a TreeNode has been collapsed.
NodeDoubleClick(theNode as GraffitiTreeNode)	Fired when a node has been double clicked.
NodeEditBegin(theNode as GraffitiTreeNode)	This event signals that the user has clicked the edit icon on a node.
NodeEditCanceled(theNode as GraffitiTreeNode)	Fires when the user cancels editing of a node.
NodeEditComplete(theNode as GraffitiTreeNode)	Signals that the user has completed editing a TreeNode.
NodeExpand(theNode as GraffitiTreeNode)	Signals that a TreeNode has been expanded.
NodeMultiselectionChange(theNodes() as GraffitiTreeNode)	Fires when the MutliSelect property is True.
NodeRemove(theNode as GraffitiTreeNode)	Fires when the user has clicked the remove icon of a TreeNode.
NodeSelectionChange(theNode as GraffitiTreeNode)	Is fired to notify that the user has selected a different node (or deselected the previously selected node). Only when MultiSelect = False.
NodeValueChange(theNode as GraffitiTreeNode)	Fires to notify that the user has changed the node's boolean value.
RightClick(theNode as GraffitiTreeNode)	Signals that the user has right-clicked theNode.

Methods

Definition	Description
AddChildNode(toNode as GraffitiTreeNode, theNode as GraffitiTreeNode)	Adds theNode to toNode and refreshes the display.
AddNode(theNode as GraffitiTreeNode)	Appends theNode to the display
AddNode(ParentNode as GraffitiTreeNode, NewNode as GraffitiTreeNode)	See AddChildNode.
CollapseNode(theNode as GraffitiTreeNode)	Collapse a TreeNode to hide all children.
CollapseNode(theNodeText as String)	
EditCurrentNode()	Shows the editor for the currently selected node.
EditNode(theNode as GraffitiTreeNode)	Shows the editor for the specified node.
ExpandNode(theNode as GraffitiTreeNode)	Expands a node to show its children.
ExpandNode(theNodeText as String)	
GetCheckedNodes() as GraffitiTreeNode()	Returns an array of GraffitiTreeNodes that have a true boolean value.
GetNodeByTag(theTag as Variant) as GraffitiTreeNode	Returns the first node with a tag matching theTag.
GetNodeByText(theText as Variant) as GraffitiTreeNode	Returns the first node with the specified text.
GetNodeFromXY(X as Integer, Y as Integer) as GraffitiTreeNode	Returns the node at the specified display coordinates.
GetNodeFromY(Y as Integer) as GraffitiTreeNode	Returns the node at the specified Y coordinate.
GetSelectedNodes(Y as Integer) as GraffitiTreeNode()	Returns all currently selected nodes.
GetVisibleNodeByText(theText as String) as GraffitiTreeNode	Returns the currently visible node with theText.
InsertNode(Position as Integer, NewNode as GraffitiTreeNode, ParentNode as GraffitiTreeNode = Nil)	Inserts NewNode in to the node array, or ParentNode's child array, as Position.
RemoveAllNodes(fromNode as GraffitiTreeNode = Nil)	Removes all nodes from either the node array or fromNode's child array.
RemoveNode(theIndex as Integer)	Removes the specified node. If it is the child of another node, it is removed from that parent. If it has children, all children are also removed.
RemoveNode(theNode as GraffitiTreeNode)	
ScrollTo(node as GraffitiTreeNode)	Scrolls the display to the specified node.
SearchNodes(searchText as String, PartialMatch as Boolean = True) as GraffitiTreeNode	Searches node text for the specified string.
SetNodeChecked(NodeTextOrTag as Variant, IsChecked as Boolean, IsText as Boolean = True)	Sets the checked value of the specified node. If IsText = True, then NodeTextOrTag should be the node's text.
SetNodeNotifications(theIndex as Integer, NotificationCount as Integer)	Sets the notification display count on the node's icon. If >10, an exclamation point is displayed.
SetNodeNotifications(theNode as GraffitiTreeNode, NotificationCount as Integer)	

Definition	Description
SetNodeSelected(NodeTextOrTag as Variant, IsSelected as Boolean , IsText as Boolean = True)	Sets the selection of the specified node. If IsText = True, then NodeTextOrTag should be the node's text.

Properties

Name	Type	Default Value	Description
AllowDeselect	Boolean	False	Determines if the user is allowed to deselect all nodes by clicking outside the rows.
BackgroundColor	Color	&c000000	Background color of the control.
BorderColor	Color	&c000000	Border color of the control.
CanDrag	Boolean	False	Determines whether to enable functionality to drag nodes from the component to other controls.
CheckColor	Color	&c000000	Color used to checkboxes.
CheckHoverColor	Color	&c000000	Color used to draw checkboxes when the mouse is over them.
CheckSelectedColor	Color	&c000000	Color used to draw checkboxes with a state of True.
ColumnCount	Integer	0	Number of columns.
ColumnWidths	String	""	String representing the columns widths.
CustomColors	Boolean	False	If the control is to use the specified custom color properties.
CustomPictures	Boolean	False	If the control is to use the specified custom picture properties.
Editor	TextField	Nil	TextField instance used for node editing.
ExpanderColor	Color	&c000000	Default color for expanders when not hovered or selected.
ExpanderHoverColor	Color	&c000000	Color for expanders when hovered.
ExpanderSelectedColor	Color	&c000000	Color for expanders when the row is selected.
FullRowSelect	Boolean	False	Whether the control displays selections spanning the full row, or just the caption.
HasHeader	Boolean	False	Whether the control displays a large header.
HeaderColor	Color	&c000000	Background color of the header.
HeaderHeight	Integer	32	Height of the header.
HeaderText	String	""	Text to displayed in the header.
HeaderTextColor	Color	&c000000	Color of text in the header.
HeaderTextFont	String	"system"	Font of text in the header.
HeaderTextSize	Integer	16	Size, in points, of the header text.
IconChecked	Picture	Nil	Picture representation of node's checkbox with its Value set to true.

Name	Type	Default Value	Description
IconCheckedHover	Picture	Nil	Picture representation of node's checkbox when hovered.
IconCheckedSelected	Picture	Nil	Picture representation of node's checkbox when the row is selected.
IconFolderCollapsed	Picture	Nil	Picture representation of node's expander when collapsed.
IconFolderCollapsedHover	Picture	Nil	Picture representation of node's expander when collapsed and hovered.
IconFolderCollapsedSelected	Picture	Nil	Picture representation of node's expander when collapsed and selected.
IconFolderExpanded	Picture	Nil	Picture representation of node's expander when expanded.
IconFolderExpandedHover	Picture	Nil	Picture representation of node's expander when expanded and hovered.
IconFolderExpandedSelected	Picture	Nil	Picture representation of node's expander when expanded and selected..
IconRemove	Picture	Nil	Picture to show for the remove action.
IconRemoveHover	Picture	Nil	Picture to show when the remove button is hovered.
IconRemoveSelected	Picture	Nil	Picture to show when the remove button's row is selected.
IconReorder	Picture	Nil	Picture to show for the reorder button.
IconReorderHover	Picture	Nil	Picture to show for the reorder button when hovered.
IconReorderSelected	Picture	Nil	Picture to show for the reorder button when the row is selected.
IconUnchecked	Picture	Nil	Picture representation of node's checkbox with it's Value set to false.
IconUncheckedHover	Picture	Nil	Picture representation of node's checkbox with it's Value set to false and hoevered.
IconUncheckedSelected	Picture	Nil	Picture representation of node's checkbox with it's Value set to false and the row is selected.
ListIndex	Integer	-1	Current selection row index.
MultiSelect	Boolean	False	If a user may select more than one node/row.
NotificationColor	Color	&c000000	Background color of notification icon.
NotificationTextColor	Color	&c000000	Text color of notification icon.
RemoveColor	Color	&c000000	Color of remove icon.

Name	Type	Default Value	Description
RemoveColorHover	Color	&c000000	Color of remove icon when hovered.
RemoveColorSelected	Color	&c000000	Color of remove icon when row selected.
ReorderColor	Color	&c000000	Color of reorder icon.
ReorderColorHover	Color	&c000000	Color of reorder icon when hovered.
ReorderColorSelected	Color	&c000000	Color of reorder icon when row selected.
RowColor	Color	&c000000	Background color of rows.
RowColorAlt	Color	&c000000	Background color of alternating rows.
RowHeight	Integer	29	Height of rows.
RowHoverColor	Color	&c000000	Background color when row is hovered.
RowHoverTextColor	Color	&c000000	Text color when row is hovered.
RowTextColor	Color	&c000000	Text color of rows.
RowTextFont	String	"system"	Font used to display node captions.
RowTextSize	Integer	0	Text size, in points, of nodes.
ScrollMax	Integer (Read-Only)	0	Maximum scroll position.
ScrollPosition	Integer	0	Current scroll position.
SelectedRowColor	Color	&c000000	Background color of selected row.
SelectedRowTextColor	Color	&c000000	Text color of selected row.
ShowBorder	Boolean	True	When True, a border is drawn around the edge of the control.
Style	GraffitiTreeView.Styles	Modern	The style to apply to the tree's drawing.
VerticalScroll	ScrollBar	Nil	The VerticalScrollBar instance to be used.

Examples

There are currently no examples for this class.

From:

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Last update: **2019/06/06 22:56**

