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1. RadCalendar Translators

Translators:

Calendar

NavigationPopup

Picker

TimeView

Handled Actions:

RadCalendar

1. Date selection
2. Row/Column header and View selector clicks for multiple selection
3. Title click (fast navigation popup)
4. Next/Previous month navigation
5. Fast Next/Previous month navigation
6. FastNavigation popup month/year selection
7. FastNavigation Today/Ok/Cancel click

RadDateTimePicker

1. Calendar popup click
2. TimeView popup click

RadTimeView

1. Time selection

Verifications - Quick Tasks

RadCalendar

1. Selected Dates
2. Selected Dates count
3. Focused Date
4. Multi-selection is enabled
5. AutoPostBack is enabled
6. FastNavigation popup is visible

RadDateTimePicker

1. Picker is empty
2. Selected Date
3. Focused Date
4. Calendar PopUp is visible
5. TimeView is visible

Verification builders:

RadCalendar:

1. Selection settings (Multi selection, Row, Column, View selectors enabled).
2. Range Min/Max date.

HtmlControls (VS Unit Tests)

RadCalendarHtmlControl

Properties:

1. TitleText -Get the title text of the Calendar.
2. PopupVisible -Whether the popup is visible.
3. AutoPostBack-Get or set the auto postback enabled value of the Calendar.
4. FocusedDate-Get the focused date.
5. RangeMinDate - Get RangeMinDate.
6. RangeMaxDate - Get RangeMaxDate.
7. EnableMultiSelect-Get or set whether multi date selection is enabled.
8. UseColumnHeadersAsSelectors - Get or set whether the column headers can be used to select the dates in the respective column.
9. UseRowHeadersAsSelectors - Get or set whether the row headers can be used to select the dates in the respective row.
10. EnableViewSelector - Returns the value of the EnableViewSelector property.
11. Culture -Get the culture which is used by the calendar.
12. MultiMonthCount -The number of the displayed months in multi-month view.
13. FastNavigationStep - Get the step for fast navigation.
14. SelectedDates -Get Calendar selected dates

Methods:

1. `SelectDate` - Selects a date in the Calendar.
2. `ColumnHeaderClick` - Clicks on the header of a column.
3. `RowHeaderClick` - Clicks on the header of a row.
4. `Next` - Clicks the `NextMonth` navigation link.
5. `FastNext` - Clicks the `FastNextMonth` navigation link.
6. `Previous` - Clicks the `PreviousMonth` navigation link.
7. `FastPrevious` - Clicks the `FastPreviousMonth` navigation link.
8. `OpenFastNavigation` - Opens the `FastNavigation` Popup.

FastNavigationPopupHtmlControl:

Properties:

1. `IsFastNavigationOpen` - Gets the visibility of the popup.
2. `FirstYear` - Gets the first year which the popup is displaying.
3. `last year` - Gets the last year which the popup is displaying.

Methods:

1. `ClickOk` - Clicks on the Ok button.
2. `ClickToday` - Clicks on the Today button.
3. `ClickCancel` - Clicks on the Cancel button.
4. `PreviousYears` - Navigates to previous years.
5. `NextYears` - Navigates to next years.
6. `SelectMonth` - Selects an month.
7. `SelectYear` - Selects an year.

RadPickerHtmlControl

Properties:

1. `FocusedDate` - Gets the focused date of the picker.
2. `SelectedDate` - Gets the selected date of the picker.
3. `Culture` - Gets the culture which the picker is using.
4. `IsCalendarPopupVisible` - Gets the visibility of the popup calendar.
5. `IsTimePopupVisible` - Gets the visibility of the TimeView popup.
6. `IsEmpty` - Gets whether a date is selected in the picker.
7. `TimeFormat` - Gets the TimeFormat that the TimeView is currently using.
8. `PickerType` - Gets the Picker control type.

Methods:

1. `OpenCalendar` - Clicks on the button which opens the calendar.
2. `OpenTimeView` - Clicks on the button which opens the TimeView.

RadTimeViewHtmlControl



Properties:

1. `Culture` - Gets the culture which the picker is using.
2. `TimeFormat` - Gets the `TimeFormat` that the `TimeView` is currently using.

Methods:

1. `SelectTime` - Clicks on a time cell in the `TimeView`.

2. RadColorPicker Translators

Translator hierarchy:



Handled Actions:

RadColorPickerIcon:

1. Show Palette
2. Hide Palette

RadColorPickerPalette:

1. Select Color

Verifications - Quick Tasks

RadColorPicker:

1. Columns
2. Enabled
3. Selected color
4. Is icon shown
5. Is palette displayed

RadColorPickerIcon:

1. Is palette displayed

RadColorPickerPalette:

1. Selected color

HtmlControls (VS Unit Tests)

RadColorPickerHtmlControl

Properties:

1. `ColorPickerClientId` - Gets `colorpicker` ID.



2. Columns - Gets colorpicker columns.
3. Selected Color - Gets or set currently selected color.
4. ShowIcon - Determines whether the icon of ColorPicker is shown.
5. PaletteDisplayed - Determines whether the palette of CcolorPicker is displayed.
6. Enabled - Gets whether color picker is enabled.

Methods:

1. ShowPalette - Shows the palette of colorpicker.
2. HidePalette - Hides the palette of colorpicker.

RadColorPickerIcon:

Properties:

1. PaletteDisplayed - Get whether the palette of colorpicker is displayed.

Methods:

1. ShowPalette - Shows the palette of colorpicker.
2. HidePalettes - Hides the palette of colorpicker.

RadColorPickerPalette:

Properties:

1. SelectedColor - Gets currently selected color.

Methods:

1. SelectColor - Selects color with given name for the ColorPicker.

3. RadComboBox Translators

Translator hierarchy:



Handled Actions:

ComboBox:

1. Open/Close drop down
2. Set text

ComboBoxItem handled actions:

1. Select

Verifications - Quick Tasks

ComboBox:

1. Text
2. Enabled
3. DropDown visible
4. Item count
5. Visible item count(if filtering enabled)
6. Selected index

ComboBoxItem:

1. Enabled item
2. Item index
3. Selected item
4. Highlighted item
5. Visible item

Verification builder:

ComboBox:

1. Combo Text string comparison

ComboBoxItem:

1. Item state(Selected, Highlighted, Enabled,Visible)

HtmlControls (VS Unit Tests)

RadComboBoxHtmlControl

Properties:

1. Text - Gets or set the text of the RadComboBox
2. LastWord - Gets the word after the last separator in the text of the combobox. If a separator is not set, returns the text itself.
3. EmptyMessage - Gets or set the empty message text of the RadComboBox.
4. ComboBoxValue - Gets or set the ComboBox value.
5. DropDownVisible - Gets whether the drop down is visible.
6. Enabled - Get whether combobox is enabled.
7. SelectedIndex - Gets the selected index of the RadComboBox. Returns '-1' if there is no selected item.
8. ElementOffsetWidth - Get the offset width of the combobox element.
9. FilterEnabled - Get whether combobox filtering is enabled.
10. Items - Get the list of items.
11. VisibleItems - Get the list of the visible items.

Methods:

1. ShowDropDown - Show the drop down of RadComboBox.
2. HideDropDown - Hide the drop down of RadComboBox.
3. ToggleDropDown - Toggle the drop down of RadComboBox.
4. Enable - Enables the combo box.
5. Disable - Disables the combo box.
6. ClearItems - Clears all items of the combobox.
7. ClearSelection - Clears the selection.
8. FindItem - Find item by given predicate.
9. FindItemByText - Finds item by Text.
10. FindItemByValue - Finds item by Value.
11. SetText - Set the given text of the ComboBox. Shows the drop down as well.



RadComboBoxItemHtmlControl:

Properties:

1. Highlighted - Get whether the combo item is highlighted.
2. Index - Get the combo item index.
3. Enabled - Get whether the combo item is enabled.
4. Text - Get or set the text for this item.
5. ItemValue - Get or set the value for this item.
6. Visible - Get whether the combo item is visible.
7. Selected - Check if the item is selected.

Methods:

1. Highlight - Highlights the item.
2. UNHighlight - Unhighlights the item.
3. Select - Select the item. Hides the combo drop down.
4. Enable - Enables the item.
5. Disable - Disables the item.
6. Show - Shows the item.
7. Hide - Hides the item.

4. RadEditor Translators

Translator:



Handled Actions:

EditorCommand:

1. Click

EditorDropDown:

1. Show
2. Hide

EditorSplitButton:

1. Show
2. Hide

EditorModeCommand:

1. Click

EditorSpinBox:

1. Increase
2. Decrease
3. SetText

Verifications – Quick Tasks

Editor:

1. Text
2. Html
3. Selection Html
4. Current Mode
5. Full Screen
6. Edit Mode
7. Height
8. Toolbar Mode
9. Tool count
10. Width

EditorCommand:

1. Enabled
2. On/Off

EditorDropDown:

1. Enabled
2. On/Off
3. Expanded
4. Item Count
5. Value

EditorModeCommand

1. Selected

EditorSpinBox

1. Value

EditorSplitButton

1. Enabled
2. On/Off
3. Expanded
4. Item Count
5. Items Per Row

Verification builders:

Editor:

1. Text (String comparison)
2. Html
3. Selection Html

HtmlControls (VS Unit Tests)

RadEditorHtmlControl:

Properties:

1. Html - Get or Set Html to RadEditor.
2. SelectionHtml - Get current RadEditor Mode.
3. Mode - Get selected Html.
4. Text - Get or Set Text to RadEditor.
5. Width - Get RadEditor's width.
6. Height - Get RadEditor's height.
7. IsFullScreen - Checks whether RadEditor is in FullScreen mode.
8. SelectionText - Get selected text.
9. EditModes - Get or set edit modes of RadEditor.
10. ToolCount - Get the RadEditor tool count.
11. ToolbarMode - Get or set toolbar mode of RadEditor.

RadEditorCommandHtmlControl:

Properties:

1. CommandName - Get Command Name (ToolName)
2. Enabled - Checks whether RadEditorCommand is Enabled.
3. IsOn - Checks whether RadEditorCommand is On or Not.
4. Text - Get RadEditorCommand Text(tooltip).

RadEditorDropDownHtmlControl:

Properties:

1. CommandName - Get Command Name (ToolName)
2. Enabled - Checks whether RadEditorDropDown is Enabled.
3. IsOn - Checks whether RadEditorDropDown is On or Not.
4. IsExpanded - Checks whether RadEditorDropDown is Expanded.
5. ItemCount - Get item count of the current RadEditorDropDown.
6. DropDownValue - Get or set the value of the drop down.



Methods:

1. Hide - Hide current drop down.
2. Show - Show current drop down.

RadEditorModeCommandHtmlControl:

Properties:

1. CommandName - Get Command Name (ToolName)
2. Selected- Checks whether this command is selected or not.

RadEditorSpinBoxHtmlControl:

Properties:

1. SpinBoxValue - Get or Set SpinBox value.

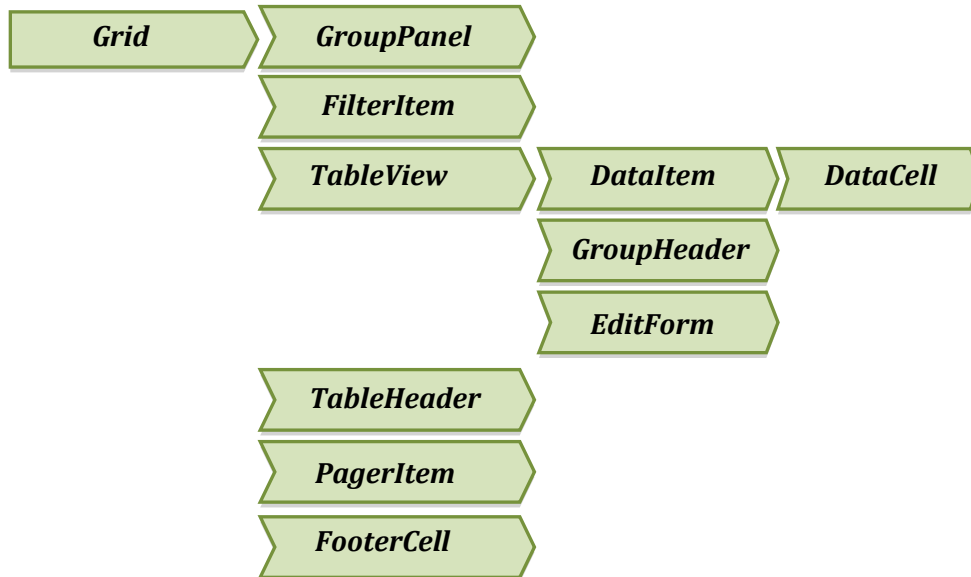
RadEditorSplitButtonHtmlControl:

Properties:

1. CommandName - Get Command Name (ToolName)
2. Enabled - Checks whether RadEditorDropDown is Enabled.
3. IsOn - Checks whether RadEditorDropDown is On or Not.
4. IsExpanded - Checks whether RadEditorSplitButton is expanded.
5. ItemsPerRow - Get the number of items.
6. ItemCount - Get the number of items per row.

5. RadGrid Translators

Translator Hierarchy:



Handled Actions:

1. Column Sort
2. Command Item 'AddNew' & 'Refresh'
3. Drag to Group (from TableHeader into GroupPanel)
4. Drag to Ungroup (from GroupPanel into TableHeader)
5. Drag to Select (items)
6. GroupPanel Item Sort
7. Columns Reorder
8. Group Expand/ Collapse
9. Filter Menu Popup
10. Item Edit
11. Item Delete
12. Item Expand/Collapse (Hierarchy)
13. Item Select (single click)
14. Item Select/Unselect via ClientSelectColumn check box
15. Item Select/Unselect via ClientSelectColumn check box in the header
16. Item Insert/Update/Cancel (Edit Form)
17. Item Update/Cancel (In-line editing)
18. Pager actions – load first/last/next/previous; next/previous pages, load page by number.
19. Advanced pager actions – go to page, change page size.

Verifications - Quick Tasks

Grid:

1. Row selection enabled (single, multiple, drag-to-select option)
2. Column reorder allowed
3. Column reorder enabled on client
4. Column resizing allowed
5. Row resizing allowed
6. Detail table level (in case of hierarchy)

Group Panel:

1. Panel Items

Table Header (Column):

1. Unique name
2. Index
3. Sort Order (None, Ascending, Descending)
4. Column State (Resizable, Reorderable, Visible)

TableView:

1. Table name
2. Data item count
3. Selected item count
4. Allowed multi-column sorting
5. Is in insert mode
6. Filter item is visible

Data Item:

1. Item Id
2. Item Index
3. Item State (Selected, Expanded, Edited)

Data Cell:

1. Text Content

Group Header:

1. Header Text Content
2. Group is expanded/collapsed.

Pager:

1. Mode
2. Page size
3. Current page index
4. Page count
5. Info text

Footer Cell:

1. Text Content

Verification builder:

Grid:

1. Row Selection enabled (single, multiple, drag-to-select options)
2. Columns Reorder enabled (reordering allowed, enabled on the client)
3. Resizing Settings (5 column/row settings exposed on the client)

Table Header:

- Table Header: Column State (Resizable, Reorderable, Visible)

Table View:

- Item Count (Data, Selected, Virtual items)

Data Item:

- Item State (Selected, Expanded, Edited, Visible)

Data Cell:

- Cell Text (string comparison).

Group Header:

- Cell Text (string comparison: Exact, Contains, StartsWith, etc.)

Pager:

- Info Text (string comparison).

Footer Cell:

- Cell Text (string comparison).

HtmlControls (VS Unit Tests)

RadGridHtmlControl

Properties:

1. DetailTablesCount - Get the detail table levels of the Grid.
2. AllowRowSelection - Get whether the client-side row selection is enabled.
3. AllowMultiRowSelection - Get or set whether the multi-row selection is enabled.
4. EnableDragToSelectRows - Get whether the drag-to-select option is enabled.
5. GroupPanel - Get the GroupPanel HtmlControl if RadGrid's GroupPanel is enabled or null otherwise.
6. AllowColumnsReorder - Get whether columns reordering is allowed.
7. ReorderColumnsOnClient - Enables the client-side columns reorder if both with the 'AllowColumnsReorder' are on.
8. AllowRowResize - Get whether the row resizing is allowed.
9. AllowColumnResize - Get whether the column resizing is allowed.
10. EnableRealTimeResize - Get whether the real-time resizing is enabled.
11. ResizeGridOnColumnResize - Get whether the resize-grid-on-column-resizing is enabled.
12. ClipCellContentOnResize - Get whether the clip-cell-content-on-resize is enabled.

RadGridGroupPanelHtmlControl

Properties:

1. GroupItems - Get the group items of the group panel. The names are separated by comma.

Methods:

1. Sort (name/index) - Sorts the data by a group field in the group panel.
2. DragToUngroup - Performs DragTo action to ungroup the data by the given field if such field exists in the group panel.

RadGridFilterItemHtmlControl

Methods:

1. FilterMenuPopup(columnIndex) - Click to popup the column filter menu.

RadGridTableHeaderHtmlControl**Properties:**

1. ColumnIndex - The index of the column.
2. UniqueName - The unique name of this column.
3. SortOrder - The sort order of this column.
4. Resizable - Get whether the columns is resizable.
5. Reorderable - Get whether the column is reorderable.
6. Visible - Get whether the columns is visible on the client.

Methods:

1. Sort - Initiates a 'sort' action of the column.
2. ClientSelectCheckBoxClick - Click the client select check box in the header to select/unselect all the items.
3. DragToGroup - Drag the current header cell/column into the RadGrid Grouping Panel to group the data by the corresponding field.

RadGridTableViewHtmlControl**Properties:**

1. DataItems - Get the list of the children data items of this table.
2. SelectedItems - Get the list of selected items in case selection is enabled, returns 'null' otherwise.
3. AllowRowSelection - Get whether the row selection is enabled.
4. PageSize - The page size of the table.
5. CurrentPageIndex - The current page index of the loaded page in this table.
6. PageCount - The page count of this table.
7. IsItemInserted - Get whether the insert mode form is opened in this table.
8. IsFilterItemVisible - Get whether the filtering is enabled for the table.
9. VirtualItemCount - Get the virtual item count of the table.

Methods:

1. FindItems(predicate) - Get the list of the data items matching the given predicate.

2. `SelectItems(index[])` - Select a set of items in the grid.
3. `DragToSelect` - Performs `DragTo` from the `DataItem` with 'start' index to the one with 'end' index selecting the items.
4. `CancelAll` - Initiates "cancel" action for all the table items in edit mode.
5. `CancelInsert` - Initiates "cancel" action for the table insert item.
6. `ClearSelectedItems` - Clears the selection of all items.
7. `DeleteSelectedItems` - Deletes all the selected items on the client.
8. `EditAllItems` - Initiates "edit" action for all the table items.
9. `EditSelectedItems` - Initiates "edit" action for all the selected items.
10. `HideFilterItem` - Hides the filtering item.
10. `InsertItem` - Initiates an "insert item" action client-side.
11. `SelectAllItems` - Selects all the table items.
12. `ShowFilterItem` - Shows the filter item on the client.
13. `ShowInsertItem` - Shows the insert item client-side.
14. `UpdateEditedItems` - Initiates an "update" action for all the table items in edit mode.
15. `CommandAction(commandType)` - Initiates a default command item template action -- either 'AddNew' or 'Refresh'

RadGridDataItemHtmlControl

Properties:

1. `CanSelect` - Get whether the item can be selected, e.g. whether the Grid has `ClientSettings.Selecting.AllowRowSelect` set to 'true'.
2. `CanExpand` - Get whether the item can be expanded, e.g. whether the Grid is in hierarchy mode.
3. `CanEdit` - Get whether the item can be edited, e.g. whether the Grid parent table contains built-in edit column.
4. `CanDelete` - Get whether the item can be deleted, e.g. whether the Grid parent table contains built-in delete column.
5. `Selected` - Get whether the item is selected.
6. `Expanded` - Get whether the data item is expanded so that a detail table is displayed.
7. `Edited` - Get whether this item has edit form opened.
8. `Visible` - Get whether the data item is visible.
9. `ItemId` - The data item Id client-side value.
10. `ItemIndex` - The data item index.
11. `DataCells` - Get the list of item's data cells direct children (note the RadGrid hierarchy mode).

RadGridDataCellHtmlControl



Properties:

1. `CellText` - The text of the Grid data cell.
2. `ParentItemIndex` - The parent data item index.
3. `CanDeleteItem` - Get whether a built-in 'delete' item button is available in this cell so the parent item can be deleted.
4. `CanEditItem` - Get whether a built-in 'edit' item button is available in this cell so the parent item can be edited.
5. `CanExpandCollapseItem` - Get whether a built-in 'expand/collapse' item button is available in this cell so the parent item can be expanded/colapsed.

Methods:

1. `ControlAssert` - Returns `RadControlAssert` instance initialize for this control.
2. `ClientSelectCheckBoxClick` - Client select column check box click to select/unselect the item.
3. `ExpandCollapseButtonClick` - Expand/collapse button click to expand/collapse the item in Grid hierarchy mode.
4. `EditButtonClick` - Built-in 'Edit' button click to put the item in edit mode.
5. `DeleteButtonClick` - Built-in 'Delete' button click to delete the item.
6. `Update` - Initiates 'update' action for the item in edit mode.
7. `Cancel` - Initiates 'cancel' action for an item in edit mode.

RadGridEditFormHtmlControl

Methods:

1. `Insert` - Initiates 'insert' action for the item that is to be inserted.
2. `Update` - Initiates 'update' action for the item in edit mode.
3. `Cancel` - Initiates 'cancel' action for the item in edit mode.

RadGridGroupHeaderHtmlControl

Properties:

1. `HeaderText` - The header text of the group.
2. `Expanded` - Get whether the group is expanded.

Methods:

1. `Expand` - Initiates an 'expand' action if this group is collapsed.

2. Collapse - Initiates a 'collapse' action if the group is expanded.

RadGridPagerHtmlControl

Properties:

1. PageSize - The page size of the table.
2. CurrentPageIndex - The current page index of the loaded page in the table.
3. PageCount - The page count of the table.
4. InfoText - Get the pager into text when available, returns null otherwise.
5. Mode - Get the pager mode.

Methods:

1. LoadFirstPage - Initiates a load 'first' paging action to load the first page.
2. LoadPreviousPage - Initiates a load 'previous' paging action to load the previous page.
3. LoadPreviousPages - Initiates a load 'previous pages' action to load the previous pages.
4. LoadPage - Initiates load page action for the given page number.
5. LoadNextPages - Initiates a load 'next pages' action to load the next pages.
6. LoadNextPage - Initiates a load 'next' paging action to load the next page.
7. LoadLastPage - Initiates a load 'last' paging action to load the next page.
8. GoToPage - The Advanced Pager 'GoToPage' action.
9. ChangePageSize - The Advanced Pager 'ChangePageSize' action.

6. RadInput Translator

Handled Actions:

1. Set text
2. TextBox built-in button click
3. Numeric spin buttons click

Verifications - Quick Tasks

1. Empty input
2. Enabled
3. ReadOnly
4. MultiLine TextBox mode
5. Password TextBox mode
6. Input value
7. Display value
8. Edit value
9. Text box value
10. AutPostBack enabled
11. Empty message
12. Caret position
13. TextBox built-in button enabled
14. TextBox built-in label message
15. NumericTextBox negative value

Verification builder:

1. Input value types (Value, Edit value, Display value, Text box value).
2. Input text string comparison (Exact, Contains, NotContain, StartsWith, EndsWith, RegEx).
3. Input state (Enabled, Empty, ReadOnly).

HtmlControls (VS Unit Tests)

RadInputHtmlControl

Properties:

1. `ClientId` -Get the client Id of the input control.
2. `InputType` -Get the Input control type - `TextBox`, `NumericTextBox`, `DateInput`, `MaskedTextBox`.

3. `InputValue` -Get or set the client-side input value.
4. `EditValue` -Get the value of the control as it is formatted when the control has focus.
5. `DisplayValue` -Gets the value of the control as it is formatted when the control does not have focus.
6. `TextBoxValue` -Gets the string that the user typed into the control.
7. `EmptyMessage` -Get or set the message that appears when the value is not set.
8. `Enabled` -Get whether the input is enabled.
9. `IsEmpty` -Get whether the input is empty.
10. `IsReadOnly` -Get whether the input is in read-only mode.
11. `CaretPosition` -Get or set the caret position of the input.
12. `AutoPostBack` -Get or set the auto postback enabled value of the input.

Methods:

1. `SelectAllText` - Selects all the text of the input.
2. `SelectText` - Selects the text in the specified range of positions.
3. `Enable` - Enables the input.
4. `Disable` - Disables the input.
5. `Focus` - Sets focus to the text box so that the user can edit its value.
6. `Blur` - Removes focus from the text box, moving it to the next control in the tab order of the page.
7. `Clear` - Sets the value of the text box to an empty string.

The controls below inherit from the base one so they provide the above properties and methods as well.

RadTextBoxHtmlControl

Properties:

1. `IsMultiline` -Get the client Id of the input control.
2. `IsInPasswordMode` -Get the Input control type - `TextBox`, `NumericTextBox`, `DateInput`, `MaskedTextBox`.
3. `LabelMessage` -Get or set the client-side input value.
4. `ShowButton` -Get the value of the control as it is formatted when the control has focus.

Methods:

1. `ButtonClick` - Clicks the `TextBox` built-in button.

RadNumericTextBoxHtmlControl

Properties:

1. `IsNegative` - Get whether the value of the text box is a negative number.
2. `ShowSpinButtons` - Get whether the numeric text box has an associated pair of spin buttons.
3. `MaxValue` - Get or set the maximum value the user can enter.
4. `MinValue` - Get or set the minimum value the user can enter.

Methods:

1. `SpinUpClick` - `NumericTextBox` spin up button click.
2. `SpinDownClick` - `NumericTextBox` spin down button click.

RadDateInputHtmlControl

Properties:

1. `SelectedDate` - Get or set the selected date of the `RadDateInput` control.
2. `DateFormat` - Get the date format of the `DateInput` control.
3. `DisplayDateFormat` - Get the display date format of the `DateInput` control.
4. `MinDate` - Get or set the earliest valid date value.
5. `MaxDate` - Get or set the latest valid date value.

RadMaskedTextBoxHtmlControl

Properties:

1. `IsMultiline` - Get whether the text mode is `MultiLine`.
2. `ValueWithLiterals` - Get the value of the text box, including the literal characters from the mask.
3. `ValueWithPromptAndLiterals` - Get the value of the text box, including the prompt characters and literal characters from the mask.
4. `AllowEmptyEnumerations` - Get or set whether enumerated mask parts can be set to an empty string.
5. `HideOnBlur` - Get or set whether the prompt characters and literals are not displayed when the text box is empty and does not have focus.

7. RadMenu Translators

Translator hierarchy:



Handled Actions:

MenuItem Actions:

1. Open
2. Close
3. Focus
4. Click

Verifications – Quick Tasks

Menu:

1. All item count
2. Root item count

MenuItem:

1. Enabled item
2. Opened item
3. Focused item
4. Visible item
5. Item index
6. ItemChildrenCount

Verification builders:

Menu:

1. All/Root item count

MenuItem:

1. ItemState (Opened, Enabled, Focused, Visible)

HtmlControls (VS Unit Tests)

RadMenuHtmlControl:

Properties:

1. `OpenedItem` - Returns the opened root level item. If no item is opened at the root level returns null.
2. `FocusedItem` - Returns the focused root level item. Null if no item has focus.
3. `Enabled` - Get whether the menu is enabled.
4. `Clicked` - True if the user has clicked on a root menu item to expand it when `ClickToOpen` is True.
5. `AllItems` - Get all the Menu items.
6. `RootItems` - Get the list of the root items.

Methods:

1. `FindItemByText` - Finds item by Text.
2. `FindItemByValue` - Finds item by Value.
3. `FindItem` - Find item by given predicate.
4. `FindItemByLevel` - Get the list of items by given level.
5. `FindItems` - Get the list of the items find by given predicate.
6. `Enable` - Enables all items in the menu.
7. `Disable`-Disables all items in the menu. Clicking on any item has no effect, child items cannot be opened.
8. `Close` - Closes all opened items from the menu.
9. `Focus` - Brings the focus to the menu so that it can be controlled via the keyboard.
10. `EnableEvents` - Enables the control client-side event emitting. Events are enabled by default.
11. `DisableEvents` - Disables the control client-side event emitting.

RadMenuItemHtmlControl:

Properties:

1. `Enable` - Get or set whether the menu item is enabled.
2. `Text` - Get or set the text of this item.
3. `ItemValue` - Get or set the value for this item.
4. `Index` - Get the index of the item.
5. `Level` - Get the level of the item.
6. `Focused` - Get or set whether this item is focused.
7. `Opened` - Get whether this item is opened.
8. `Visible` - Get whether the item is visible.
9. `HasChildren` - Check whether the item has children.
10. `Items` - Returns the list of child items of this menu item.



Methods:

1. FindItemByText - Finds item by Text.
2. FindItemByValue - Finds item by Value.
3. FindItem - Find item by given predicate.
4. Open - Opens the item.
5. Close - Closes a item.
6. Show - Show the item.
7. Hide - Hide the item.
8. Click - Click the item.
9. Focus - Focus the item.
10. FocusPreviousItem - Moves focus to the previous item.
11. FocusNextItem - Moves focus to the next item.
12. FocusFirstChild - Moves focus to the first child of the item.
13. FocusLastChild - Moves focus to the last child of the item.

8. RadPanelBar Translators

Translator hierarchy:



Handled Actions:

PanelBarItem actions:

1. Expand
2. Collapse
3. Select
4. Focus

Verifications – Quick Tasks

Panelbar:

1. All/Root item count

PanelBarItem:

1. ItemChildrenCount
2. Item index
3. Item enabled
4. Item expanded
5. Item focused
6. Item selected

Verification builders:

PanelBar:

1. All/Root item count

PanelBarItem:

1. ItemState (Expanded , Enabled, Focused, Selected, Visible)

HtmlControls (VS Unit Tests)

RadPanelBarHtmlControl:

Properties:

1. Enabled - Get whether the panelbar is enabled.
2. RootItems - Get root items of the PanelBar.
3. AllItems - Get the list of all PanelBar items.
4. FullExpandedItem - Get whether the panelbar FullExpandedItem property is true.
5. SingleExpandedItem - Get whether the panelbar SingleExpandedItem property is true.

Methods:

1. FindItemByText - Finds item by Text.
2. FindItemByValue- Finds item by Value.
3. FindItem - Find item by given predicate.
4. FindItemsByLevel - Find the panelbar items by given level.
5. FindItems - Find items by given predicate
6. Enable - Enable the panelbar.
7. Disable- Disable the panelbar.
8. EnableEvents - Enables the panel bar's client-side event emitting. Events are enabled by default.
9. DisableEvents - Disables the panel bar's client-side event emitting.

RadPanelBarItemHtmlControl:

Properties:

1. Text - Get or set the text of this item.
2. ItemValue - Get or set the value for this item.
3. Level - Get the level of the item.
4. Index - Get the index of the item.
5. Enabled - Get whether this item is enabled.
6. Focused - Get whether this item is focused.
7. Expanded - Get whether this item is expanded.
8. Expandable - Get whether this item is expandable.
9. Selected - Get whether this item is selected.
10. Visible - Get whether this item is visible.
11. HasChildren - Check whether the item has children.
12. Items - Get the list of child items of the panelbar item.

Methods:

1. FindItemByText - Finds sub item by given text.



2. FindItemByValue - Finds sub item by given value.
3. FindItem - Find item by given predicate.
4. Focus - Moves focus to the item.
5. Blur - Removes focus from the item.
6. FocusPreviousItem - Moves focus to the previous item.
7. FocusNextItem - Moves focus to the next item.
8. FocusFirstChild - Moves focus to the first child of the item.
9. FocusLastChild - Moves focus to the last child of the item.
10. Select - Selects the item.
11. Unselect - De-selects the item.
12. Expand - Expands the item. The click of the root item also selects it.
13. Collapse - Collapse a item if it is not already expanded. The click of the root item also selects it.
14. Show - Makes the item visible.
15. Hide - Makes the item invisible.

9. RadRotator Translator

Handled Actions:

1. Scroll (Click & Hover over buttons).
2. Pause/Resume (Hover over rotator items).

Verifications - Quick Tasks

1. Rotator Type
2. Scroll Direction
3. Scroll Duration
4. Frame Duration
5. PauseOnMouseOver
6. WrapFrames
7. Item Count
8. Current Item Index

Verification builders:

1. Duration Values (Scroll, Frame)
2. Behavior Settings (PauseOnMouseOver, WrapFrames)
3. Item Index (Initial, Current item index)
4. Dimensions (Width, Height)

HtmlControls (VS Unit Tests)

RadRotatorHtmlControl:

Properties:

1. `ItemCount` - Get the item count of the Rotator.
2. `InitialItemIndex` - Get or set the initial item index.
3. `CurrentItemIndex` - Get the current item index.
4. `AnimationDirection` - Get or set the animation direction.
5. `ScrollDuration` - Get or set the speed in milliseconds for scrolling rotator items.
6. `FrameDuration` - Get or set the time in milliseconds each frame will display in automatic scrolling scenarios.
7. `Height` - Get or set the Rotator height.
8. `Width` - Get or set the Rotator width.
9. `IsViewportScrollMode` - Get whether the rotator is scrolling item by item or it is scrolling the whole viewport.



10. `IsAutomaticAdvance` - Get whether the rotator is set in `AutomaticAdvance` mode.
11. `IsSlideShow` - Get whether the rotator is set in `SlideShow` mode.
12. `IsScrollingForward` - Get whether the rotator is scrolling forward.
13. `IsScrollingLeft` - Get whether the rotator is scrolling to the left.
14. `IsScrollingUp` - Get whether the rotator is scrolling upward.
15. `IsVertical` - Get whether the rotator is vertical.
16. `PauseOnMouseOver` - Get or set whether the scrolling pauses on mouse over.
17. `WrapFrames` - Get or set whether to start scrolling the frames from the beginning as soon as the rotator shows the last frame.
18. `RotatorType` - Get or set the rotator type.
19. `ScrollDirection` - Get or set the rotator scrolling direction.

Methods:

1. `Pause` - Pauses the animation.
2. `Resume` - Resumes the paused animation.
3. `Start` - Starts the animation.
4. `Stop` - Stops the animation.
5. `RunSlideShowAnimation` - Runs the slide show animation.
6. `ScrollItem` - Scroll the rotator item.
7. `ScrollViewPort` - Scroll the rotator view port.
8. `StartAutoPlay` - Starts auto playing the rotator items.
9. `StopViewPortAnimation` - Stops the rotator view port animation.
10. `Scroll(direction)` - Scrolls the rotator according to the given direction.

10. RadScheduler Translators

Translator hierarchy:



Handled Actions:

Scheduler:

1. Advanced form actions (Save, Cancel click, All Day check, Recurrence check)
2. Advanced form set text
3. Change hours
4. Day navigation (Next day, Previous day, Today)
5. Inline form actions (Save, Cancel click, Select options)
6. Inline form set text
7. Modal dialog (Option1, Option2 check, Ok, Cancel click)
8. Show picker
9. Recurrence panel actions (RadioButton check, CheckBox check, TextArea set text, DropDown select)
10. View navigation (Day, Week, Month, TimeLine view)

Appointment:

1. Edit/Delete

TimeSlot:

1. Insert Appointment

Verifications – Quick Tasks

Scheduler:

1. Appointment count
2. Calendar is visible
3. First day start
4. Inline Form visible
5. Inline Form text
6. Modal Dialog visible
7. Selected View

8. Advanced Form (Visible, Text, CheckBoxes State, Panel visible)

Appointment:

1. IsAllDay
2. Recurrence State
3. Start
4. Subject

HtmlControls (VS Unit Tests)

RadSchedulerHtmlControl

Properties:

1. `Appointments` - Get the Appointments object of the scheduler.
2. `FirstDayStart` - Current day in the day view.
3. `AdvancedFormVisible` - Check whether the advanced form is visible.
4. `AdvancedFormText` - Advanced form text in case the advanced form is visible, null otherwise.
5. `InlineFormVisible` - Get whether the inline form is visible.
6. `InlineFormText` - Get the text of the inline form if visible, or null otherwise.
7. `SelectedView` - Selected view in the scheduler.
8. `AdvancedFormAllDayCheckBox` - Advanced form all day checkbox.
9. `AdvancedFormAllDayCheckBoxChecked` - Advanced form all day checkbox checked state.
10. `AdvancedFormRecurrenceCheckBox` - Advanced form recurrence checkbox.
11. `AdvancedFormRecurrenceCheckBoxChecked` - Advanced form recurrence checkbox checked state.
12. `AdvancedFormRecurrencePanel` - Advanced form recurrence panel.
13. `AdvancedFormRecurrencePanelVisible` - Advanced form recurrence panel visible state.
14. `AdvancedFormMoreControlsPanel` - Advanced form more controls panel.
15. `AdvancedFormMoreControlsPanelVisible` - Advanced form more controls visible state.
16. `IsVisibleModalDialog` - Check whether the modal dialog is visible.
17. `ModalDialogTitle` - Returns modal dialog title.
18. `CalendarWrapper` - Scheduler calendar wrapper.
19. `CalendarVisible` - Returns whether the calendar is visible.
20. `ChangeHoursLinkText` - Change hours link text.
21. `AdvancedFormDiv` - Get the advanced form if visible or null otherwise.



22. `InlineFormDiv` - Get the inline form div if visible, null otherwise.

Methods:

1. `InlineFormSetText` - Inline form set text method.
2. `AdvancedFormSetText` - Advanced form set text method.
3. `GoNext` - Go to the Next day.
4. `GoPrevious` - Go to the Previous day.
5. `GoToday` - Navigate to today.
6. `NavigateDayView` - Navigate to day view.
7. `NavigateMonthView` - Navigate to month view.
8. `NavigateWeekView` - Navigate to week view.
9. `NavigateTimelineView` - Navigate to timeline view.
10. `OpenCalendar` - Activate date picker.
11. `ChangeHours` - Click the ChangeHours link.

AppointmentHtmlControl:

Properties:

1. `Subject` - Get the subject of this appointment.
2. `ToolTip` - Get the tooltip of this appointment.
3. `Start` - Get the start date of the appointment.
4. `End` - Get the end date of the appointment.
5. `Duration` - Get the duration of the appointment.
6. `IsAllDay` - Check whether the appointment is 'all day'.
7. `RecurrenceState` - Recurrence state of the appointment.

Methods:

1. `Edit` - Edit appointment method.
2. `Delete` - Delete appointment method.

TimeSlotHtmlControl:

Properties:

1. `IsAllDay` - Get whether the time slot is all day type.
2. `StartTime` - Get start time of the time slot.
3. `ResourceText` - Get the resource text if available or null, otherwise.

Methods:

1. `InsertAppointment` - Insert appointment method.

11. RadSlider Translator

Handled Actions:

1. Change Slider value.
2. Change Selected Region.

Verifications - Quick Tasks

1. Slider Value
2. Selection start
3. Selection end
4. Small change value
5. Large change value
6. Minimum value
7. Maximum value
8. Slider orientation
9. Slider direction

Verification builders:

1. Selection Values (Selection Start/End)
2. Change Values (Small, Large step)
3. Boundary Values (Minimum, Maximum value)

HtmlControls (VS Unit Tests)

Properties:

1. `SliderId` - Gets the Id of the slider
2. `IsSelectionRangeEnabled` - Gets or set whether the slider range selection is enabled.
3. `CurrentValue` - Gets or sets the value of the slider.
4. `SelectedRegionHeight` - Gets slider's selected region height.
5. `SelectedRegionWidth` - Gets slider's selected region width.
6. `Orientation` - Gets or set slider orientation.
7. `SelectionStart` - Gets or set the start selection of the slider (if range selection is enabled).
8. `SelectionEnd` - Gets or set the end selection of the slider (if range selection is enabled)
9. `Width` - Gets width of the slider.
10. `Height` - Gets height of the slider.



11. `IsDirectionReversed` - Determines whether the direction of the slider is reversed.
12. `SmallChange` - Get or set the small change step of the Slider.
13. `LargeChange` - Get or set the large change step of the Slider.
14. `MinimumValue` - Get or set the minimum value of the Slider.
15. `MaximumValue` - Get or set the maximum value of the Slider.

Methods:

1. `ChangeValue` - Changes the value of the slider.
2. `ChangeSelectedRegion` - Initiates selected region change of the start/end values

12. RadSpell Translator

Handled Actions:

1. Dialog Button Click (Ignore, Ignore All, Add Custom, Change, Change All, Close, Undo)

Verifications - Quick Tasks:

1. Control to check
2. Dialog skin
3. Dictionary language
4. Selected language
5. Spell Checked

Verification builder:

1. Spell Check Text (string comparison)

HtmlControls (VS Unit Tests)

RadSpellDialogHtmlControl:

Properties:

1. ControlToCheck - Gets the ID of the control to spell check.
2. DialogOpenerSkin - Returns the DialogOpener skin.
3. DictionaryLanguage - Gets the dictionary language culture code.
4. SelectedLanguage - Gets the language currently selected in the drop down displayed when the SupportedLanguages language property is set.
5. Spellchecked - Returns true if spell checking for the target control has been completed. (the OnClientCheckFinished event has been fired).
6. SourceText - Returns the text of the TextSource object that RadSpell is attached to.
7. CurrentText - Returns the current text in the TextContainer.
8. IgnoreButton - Returns spell 'ignore' button.
9. IgnoreAllButton - Returns spell 'ignore all' button.
10. AddCustomButton - Returns spell 'add custom' button.
11. ChangeButton - Returns spell 'change' button.
12. ChangeAllButton - Returns spell 'change all' button.
13. UndoButton - Returns spell 'undo' button.
14. CloseButton - Returns spell 'close' button.

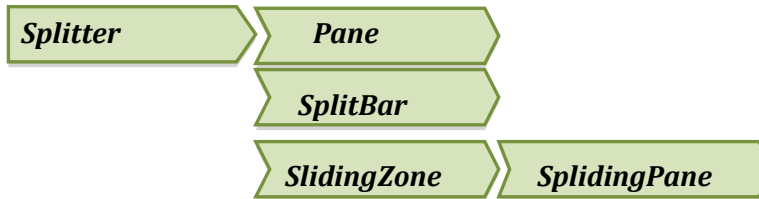


Methods:

1. IgnoreButtonClick - Clicks the ignore button.
2. IgnoreAllButtonClick - Clicks the ignore all button.
3. AddCustomButtonClick - Clicks the add custom button.
4. ChangeButtonClick - Clicks the change button.
5. CloseButtonClick - Clicks the close button.
6. UndoButtonClick - Clicks the undo button.
7. ChangeAllButtonClick - Clicks the change all button.

13. RadSplitter Translators

Translator hierarchy:



Handled Actions:

Pane:

1. Expand
2. Collapse

SlidingPane

1. Dock Pane
2. Undock Pane
3. Expand Pane
4. Collapse Pane

Splitbar:

1. Resize

Verifications - Quick Tasks

Splitter:

1. Height
2. Width
3. Orientation
4. Pane Count
5. SplitBar Count
6. Is Nested

Pane:

1. Height
2. Width
3. Max Height

4. Max Width
5. Min Height
6. Min Width
7. Is Locked
8. Is External Content
9. Content Url
10. Enable Scrolling

Splitbar:

1. Collapse Mode
2. Enable Resize
3. Is Collapsed

SlidingZone:

1. Click to Open
2. Slide Direction
3. Sliding Pane Count

SlidingPane:

1. Docked
2. Expanded
3. Enable Scrolling

HtmlControls (VS Unit Tests)

RadSplitterHtmlControl:

Properties:

1. SplitterId - Get splitter id.
2. Width- Get or set the width of the splitter.
3. Height- Get or set the height of the splitter.
4. IsNested - Determines whether the splitter is nested in another splitter.
5. Orientation - Get orientation of the splitter.
6. PaneCount- Get the number of the splitter panes.
7. SplitBarCount- Get the number of the splitter splitbars.

RadSplitBarHtmlControl:

Properties:

1. PreviousPaneId- Get the previous pane (left or upper) Id.



2. NextPaneId- Get the next pane (right or down) Id.
3. PreviousPaneWidth - Get or set the previous pane (left or upper) width.
4. PreviousPaneHeight- Get or set the previous pane (left or upper) height.
5. NextPaneWidth- Get or set the next pane (right or down) width.
6. NextPaneHeight- Get or set the next pane (right or down) height.
7. CollapseMode- Get the collapse mode of the splitbar.
8. EnabledResize- Get or set whether thw resize is enabled.
9. LeftPaneCollapsed- Determines whether the left pane is collapsed.
10. RightPaneCollapsed- Determines whether the right pane is collapsed.
11. Collapsed - Determines whether the previous OR next pane is collapsed.

Methods:

1. CollapsePane - Collapses given pane.
2. ExpandPane - Expands given pane.
3. ExpandedCollapsedPane - Expands the collapsed pane, right next to the splitbar.
4. Resize - Resizes the previous or/and the next pane.

RadSlidingZoneHtmlControl:

Properties:

1. ClickToOpen - Get or set whether click on the tab is needed to open the sliding pane.
2. SlideDirection - Get the direction of pane sliding.
3. PaneCount- Get the sliding pane count.

Methods:

1. Expand - Expand given sliding pane.

RadSlidingPaneHtmlControl:

Properties:

1. ScrollingEnabled- Determines whether the sliding pane scrolling is enabled.
2. Docked- Determines whether the sliding pane is docked.
3. Expanded- Determines whether the sliding pane is expanded. If the pane is docked, it is not expanded.

Methods:



1. Dock- Dock the current sliding pane.
2. Undock- Undock the current sliding pane.
3. Collapse- Collapse the current sliding pane.

RadSplitterPaneHtmlControl:

Properties:

1. Width - Get or set the width of the pane.
2. Height- Get or set height of the pane..
3. MinWidth- Get or set the minimum of the pane's width.
4. MaxWidth- Get or set the maximum of the pane's width.
5. MinHeight - Get or set the minimum of the pane's height.
6. MaxHeight - Get or set the maximum of the pane's height.
7. Collapsed - Get or set whether the pane is collapsed.
8. ScrollingEnabled - Determines whether the scrolling of pane is enabled.
9. Locked - Get or set whether the pane is locked.
10. IsExternalContent - Determines whether the page is loaded as content in the pane.
11. ContentUrl - Get or set the content url of the pane.

Methods:

1. Collapse - Collapse current pane.
2. Expand - Expand current pane.

14. RadTabStrip Translators

Translator hierarchy:



Handled Actions:

Tab :

1. Tab click

Verifications - Quick Tasks

TabStrip:

1. Has MultiPage
2. All/Root tab count

Tab:

1. Tab index
2. Tab selected
3. Tab enabled
4. Tab children count

Verification builder:

TabStrip:

1. All/Root tab count

Tab:

1. Tab state(Enabled, Selected, Visible)

HtmlControls (VS Unit Tests)

RadTabStripHtmlControl:

Properties:

1. RootTabs - `Get a list of the TabStrip root tabs.`

2. AllTabs - Get a list of all the tabs.
3. Enabled - Returns whether the tab strip is enabled.
4. MultiPageId - The client id of the associated MultiPage control.
5. HasMultiPage - Get whether the TabStrip has associated MultiPage.
6. MultiPageVisible - Get or set whether the MultiPage control is visible.
7. MultiPageViewsCount - Get the MultiPage views count or -1 if there is no MultiPage associated with the TabStrip.
8. MultiPageSelectedIndex - Get or set the index of the selected MultiPage page view. Returns '-1' if there is no MultiPage associated with the TabStrip.

Methods:

1. FindTabByText - Find tab by given Text.
2. FindTabByValue - Find tab by Value.
3. FindTab - Find tab by given predicate.
4. FindTabs - Find tabs by given predicate.
5. FindTabsByLevel - Get the list of tabs by the given level.
6. Enable - Enable the TabStrip.
7. Disable - Disable the TabStrip.

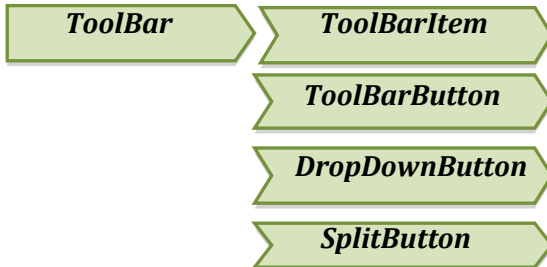
RadTabHtmlControl:

Properties:

1. Text - Get the text of this tab.
2. TabValue - Get the value set for this tab.
3. Level - Get the level of the tab.
4. Index - Get the index of the tab.
5. Tabs - Returns the tabs collection of the tab.
6. Enabled - Get or set whether this tab is enabled.
7. Selected - Get or set whether this tab is selected.
8. Visible - Get whether the tab is visible.
9. HasChildren - Check whether the item has children.
10. FindTabByText - Finds sub-tab having given text.
11. FindTab - Finds sub-tab by given predicate.
12. Select - Select the tab.
13. Unselect - Unselect the tab.

15. RadToolBar Translators

Translator hierarchy:



Handled Actions:

ToolBarButton:

1. Focus
2. Check (if CheckOnClick=true)
3. UNCheck (if AllowSelfUNCheck=true)

ToolBarDropDownButton:

5. Open/Close

ToolBarSplitButton:

2. Open/Close

Verifications - Quick Tasks

ToolBar:

1. All/Root item count
2. Orientation

ToolBarButton:

1. Item checked (in combination with 'CheckOnClick')
2. Item group
3. Item enabled
4. Item focused
5. Item index
6. Item text

ToolBarDropDownButton:

1. Item enabled
2. Item focused
3. Item index
4. Item text
5. Button count
6. Drop down state (opened/closed)

ToolBarSplitButton:

1. Item enabled
2. Item focused
3. Item index
4. Item text
5. Button count
6. Drop down state (opened/closed)

Verification builder:

ToolBar:

1. All/Root item count

ToolBarItem:

1. ItemState(Enabled, Focused, Visible)

HtmlControls (VS Unit Tests)

RadToolBarHtmlControl:

Properties:

1. AllItems - Get all the toolbar items.
2. RootItems - Get the items count in the toolbar (not including items in drop-down lists).
3. Orientation - Get or set ToolBar orientation client-side value: 0 if the toolbar is horizontal, '1' for vertical.
4. OrientationType - Get or set the ToolBar Orientation type.

Methods:



1. FindItemByText - Finds item by text.
2. FindItemByValue - Finds item by value.
3. FindItem - Find item by given predicate.
4. FindItemsByLevel - Find items by given level.
5. FindItems - Find items by given predicate.

RadToolBarItemHtmlControl:

Properties:

1. Text - Get or set the text of this item.
2. Level - Get the level of the item.
3. ItemValue - Get or set the value for this item.
4. Enabled - Get whether this item is enabled.
5. Index - Get the index of the item.
6. ToolTip - Get or set the tooltip of the toolbar item.
7. Focused - Get whether the toolbar item is focused
8. Hovered - Get whether the toolbar item is hovered.
9. Visible - Get whether this item is visible.
10. Items - The items of the current toolbar item if any.
11. ButtonType - Returns the type of the toolbar item(button, split button, drop down button)

Methods:

1. Enable - Enables the toolbar item.
2. Disable- Disables the toolbar item.
3. Click - Click the toolbar item.
4. Focus - Focus the toolbar item
5. Blur - Blur the toolbar item.
6. Show - Show the toolbar item.
7. Hide - Hide the toolbar item.

RadToolBarButtonHtmlControl

Properties:

1. Checked - Get whether the toolbar item is checked.
2. CheckOnClick - Get whether the toolbar item CheckOnClick property is set.
3. Group - Gets the name of the group to which the item belongs.
4. AllowSelfUNCheck - Gets whether the toolbar item AllowSelfUnCheck property is set

Methods:

1. Check - Check the toolbar item.
2. UNCheck - UnCheck the toolbar item.



RadToolBarDropDownHtmlControl:

Properties:

1. ButtonCount - Get the button count for the drop down.
2. DropDownVisible- Get whether the drop down is opened.

RadToolBarSplitButtonHtmlControl:

Properties:

1. ButtonCount - Get the button count for the drop down.
2. DropDownVisible- Get whether the drop down is opened.

16. RadToolTip Translator

Handled Actions:

1. Hide tooltip on mouse out.
2. Manual close of the tooltip.

Verifications - Quick Tasks

1. Visible
2. Modal
3. Title
4. TargetControlId
5. Show mode
6. Hide mode
7. RelativeTo mode
8. ZIndex

Verification builders:

1. State (Visible, Modal)
2. Behavior (ShowCallout, MouseTrailing)
3. Delay Values (Show, Hide, AutoClose delay)
4. Dimensions (Width, Height)
5. Offset Values (OffsetX, OffsetY)
6. ToolTip Text (String Comparison)

RadToolTipHtmlControl (VS Unit Tests)

Properties:

1. ClientId - Gets the Id of the tooltip.
2. Visible - Get whether the tooltip is visible.
3. Modal - Get or set ToolTip Modal mode.
4. ShowCallout - Get or set whether the tooltip callout image will be displayed.
5. MouseTrailing - Get or set whether the tooltip should follow the mouse movement.
6. ShowDelay - Get or set delay in milliseconds for the tooltip to appear.
7. HideDelay - Get or set the delay in milliseconds before the tooltip is hidden.



8. `AutoCloseDelay` - Get or set delay in milliseconds for the tooltip to close automatically.
9. `Title` - Get or set Tooltip Title.
10. `Text` - Get or set Tooltip Text.
11. `TargetControlId` - Get or set the Tooltip target control Id.
12. `RelativeTo` - Get or set what element the Tooltip is relative to.
13. `RelativeToMode` - Get the 'relative to' mode of the Tooltip -- 'Element', 'BrowserWindow', 'Mouse'.
14. `ShowEvent` - Get or set Tooltip ShowEvent type.
15. `ShowMode` - Get Tooltip 'Show' mode.
16. `HideEvent` - Get or set Tooltip HideEvent type.
17. `HideMode` - Get Tooltip 'Hide' mode.
18. `Height` - Get or set Tooltip height.
19. `Width` - Get or set the Tooltip width.
20. `OffsetX` - Get or set the horizontal offset relative to its target element.
21. `OffsetY` - Get or set the vertical offset relative to its target element.
22. `ZIndex` - Get or set the Tooltip ZIndex.

Methods:

1. `Show` - Show the Tooltip.
2. `Hide` - Hide the tooltip.

17. RadTreeView Translators

Translator hierarchy:



Handled Actions:

TreeNode:

1. Expand
2. Collapse
3. Select
4. Click
5. Check
6. Uncheck
7. Show ContextMenu

Verifications - Quick Tasks:

TreeView:

1. Selected item count
2. Checked item count
3. Root item count
4. All item count

TreeNode:

1. Child node count
2. Context menu is shown
3. Node is enabled
4. Node is visible
5. Node is selected
6. Node is expanded
7. Node is checked

Verification builder:

TreeView:

1. Selected/Checked/All/Root item count

TreeNode:

1. NodeState (Enabled, Visible, Selected, Expanded, Checked)

HtmlControls (VS Unit Tests)

RadTreeViewHtmlControl:

Properties:

1. Enabled - Get or set whether the node is enabled.
2. SelectedNodes - Gets the list of the selected nodes.
3. CheckedNodes - Gets the list of the checked nodes.
4. CheckBoxesEnabled - Get whether the TreeView check box support is enabled.
5. RootNodes - Gets the list of root nodes of the treeview.
6. AllNodes - Gets the list of all nodes.

Methods:

1. FindNodeByText - Finds node by Text.
2. FindNodeByValue - Finds node by Value.
3. FindNode - Find node by given predicate.
4. FindNodesByLevel - Get the list of nodes matching the given level.
5. FindNodes - Get the list of nodes matching the given predicate.
6. UnselectAllNodes - UnSelect all nodes.

RadTreeNodeHtmlControl

Properties:

1. Expanded - Get or set whether this node is expanded.
2. Selected - Get or set whether this node is selected.
3. Enabled - Get or set whether the node is enabled.
4. Checked - Get or set whether the node is checked.
5. Text - Get the text of this node.
6. NodeValue- Get the value set for this node.
7. Category - Get or set the category of this node.
8. Nodes - Get the list of child nodes of the treenode.s
9. HasChildren - Check whether the node has children.
10. ParentNode - Get the parent node of this node. Returns 'null' for the root nodes.
11. HasContextMenu - True if context menu is available, false otherwise.
12. ContextMenuShown - Get whether the context menu (if such is set for this node) is shown.
13. Target - Get or set the target of the node.
14. ToolTip - Get or set the tooltip of the node. If a ToolTip is not set, returns 'null'.
15. Level - Get the level of the node.
16. ContextMenuId - Get or set the ID of the context menu.
17. PostBack - Get whether the postback of the node is enabled.
18. Visible - Get whether this node is visible.



19. Checkable - Get whether the tree node contains check box so that it can be checked.

Methods:

1. FindNodeByText - Finds node by Text.
2. FindNodeByValue - Finds node by Value.
3. FindNode - Find node by given predicate.
4. FindNodes - Get a list of nodes matching the given predicate.
5. Expand - Expand the node if it is not already expanded.
6. Collapse - Collapse the node if it is not already collapsed.
7. Toggle - Toggle the expand/collapse of the node.
8. Highlight - Highlight the node.
9. UNHighlight - Unhighlight the node.
10. Select - Select the node.
11. Unselect - UnSelect the node.
12. Enable - Enables the node.
13. Disable - Disables the node.
14. Check - Check the node if it is not already checked.
15. Uncheck - UnCheck the node if it is checked.
16. ShowContextMenu - Show the context menu.
17. DragAndDropWithOffset - Drag and drop the node with the specified x and y offset.
18. DragAndDropTo - Drag and drop the node to the specified node.

18. RadUpload Translator

Handled Actions:

1. Select file
2. File input actions (delete, add, remove, check, clear)

Verifications - Quick Tasks

1. File extensions
2. File inputs count
3. Initial file inputs count
4. Max file count

Verification builders:

1. Input file count (Initial, Current, Max)

HtmlControls (VS Unit Tests)

RadUploadHtmlControl:

Properties:

1. `InitialFileInputsCount` - Returns the initial number of rows when the `RadUpload` control is first loaded..
2. `MaxFileCount` - Get or set the maximum number of rows in the `RadUpload` control.
3. `FileExtensions` - Returns an array containing the allowed file extensions.
4. `FileExtensionsString` - Returns a string containing the allowed file extensions.
5. `InputFiles` - Returns upload input file controls.
6. `SelectButton` - Returns upload select button.
7. `AddButton`- Returns upload add button.
8. `DeleteButton` - Returns upload delete button.
9. `RemoveButton` - Returns upload remove button.
10. `InputFileCheckBox` - Returns file upload checkbox.
11. `ClearButton` - Returns upload clear button.

Methods:

1. `FileSelect(int index)`- Selects the file by specifid index.



2. AddButtonClick - Clicks the add button.
3. DeleteButtonClick - Clicks the delete button.
4. ClearButtonClick - Clicks the clear button.
5. RemoveButtonClick - Clicks the remove button.
6. CheckBoxCheck - Checks the checkbox.

19. RadWindow Translator

Handled Actions:

1. Close
2. Move to [Top,Left] offset
3. Reload
4. Maximize
5. Minimize
6. Restore
7. Toggle pin

Verifications - Quick Tasks

1. Is closed
2. Is maximized
3. Is minimized
4. Is modal
5. Is pinned
6. Left offset
7. Top offset
8. Status
9. Title

Verification builders:

1. Window state (closed, maximized, minimized, modal, pinned)
2. Offset Values (top, left)

HtmlControls (VS Unit Tests)

Properties:

1. WindowId - Gets the id of the window.
2. IsActive - Determines whether the window is active or not.
3. IsClosed - Determines whether the window is closed.
4. IsMaximized - Determines whether the window is maximized.
5. IsMinimized - Determines whether the window is minimized.
6. IsModal - Determines whether the window is model.
7. IsPinned - Determines whether the window is pinned.
8. Status - Gets the status of the window.



9. Title - Gets the window title.
10. Left - Gets or set the left of the window.
11. Top - Gets or set the top of the window.

Methods:

1. Close - Closes window.
2. Maximize - Maximizes window.
3. Minimize - Minimizes window.
4. MoveTo - Moves window to defined coordinates.
5. Reload - Reloads window content.
6. Restore - Restores window.
7. Show - Shows window.
8. TogglePin - Toggles window pin.