

RadComboBox Client-side methods:

Important methods of the client-side RadComboBox object:

Name	Parameters	Return Type	Description
trackChanges	none	none	Starts tracking changes made to RadComboBox that will be preserved over postbacks.
commitChanges	none	none	Writes the changes to RadComboBox that were made since a previous call to trackChanges , so that they are preserved over postbacks.

````JavaScript

```
function AddNewItem() {
 var combo = $find("<%= RadComboBox1.ClientID %>");
 var comboItem = new Telerik.Web.UI.RadComboBoxItem();
 comboItem.set_text("item");
 combo.trackChanges();
 combo.get_items().add(comboItem);
 comboItem.select();
 combo.commitChanges();
}
```

````

>tip Client-side changes are available on the server after postback.
>

Name	Parameters	Return Type	Description
set_text	(string text)	none	Sets the text of the input field to the value of the specified parameter.

````JavaScript

```
function SetTextOfTheComboBox() {
 var combo = $find("<%= RadComboBox1.ClientID %>");
 combo.set_text("CustomText");
}
```

````

Name	Parameters	Return Type	Description
get_text	none	string	Gets the text of the input field.

```

| get_checkedItems |none|array|Gets an array of the checked
RadComboBoxItem objects.|
| get_lastWord |none|string|Gets the word after the last separator in the
text of RadComboBox input field. If a separator is not set, returns the
text itself.|
| set_emptyMessage |(string text)|none|Sets the EmptyMessage text of
RadComboBox input field.|
| get_emptyMessage |none|string|Gets the EmptyMessage text of RadComboBox
input field.|
| set_value |(string value)|none|Sets the value of RadComboBox .|
| get_value |none|string|Gets the value of RadComboBox .|
| showDropDown |none|none|Opens the drop-down list.|
| set_closeDropDownOnBlur |Boolean|none|If you call the showDropDown /
toggleDropDown method on a button click, you will have to use
combo.set_closeDropDownOnBlur(false) right before you call the
showDropDown / toggleDropDown method, otherwise the drop-down area will
flicker instead of open. Then, you should use
combo.set_closeDropDownOnBlur(true) in the OnClientBlur event handler.
You can see a demo at: (http://demos.telerik.com/aspnet-
ajax/combobox/examples/programming/addremovedisableitemsclientside/default
tcs.aspx)|
| hideDropDown |none|none|Closes the drop-down list.|
| toggleDropDown |none|none|Toggles the drop-down list.|
| enable |none|none|Enables the RadComboBox .|
| disable |none|none|Disables the RadComboBox .|
| findItemByValue |(string value)| RadComboBoxItem |Returns the first
RadComboBoxItem object whose Value property equals the passed parameter.|
| findItemByText |(string text)| RadComboBoxItem |Returns the first
RadComboBoxItem object whose Text property equals the passed parameter.|
| clearItems |none|none|Clears all items of RadComboBox .|
| clearSelection |none|none|Clears the selection.|

```

````JavaScript

```

function ClearSelection() {
 var combo = $find("<%= RadComboBox1.ClientID %>");
 combo.clearSelection();
}

```

````

Name	Parameters	Return Type	Description
requestItems	(string text, Boolean)	none	Initiates a load-on-demand callback request with the specified text, causing the ItemsRequested server event to fire or a request to be sent to a web service. The second Boolean parameter instructs the RadComboBox to append the new items (True) or clear items (False).

````ASPNET

```

<script language="javascript" type="text/javascript">
function AddItems() {
 var combo = $find("<%= RadComboBox1.ClientID %>");

```

```

 combo.requestItems("Item1", true);
 }
</script>

<telerik:radcombobox
 id="RadComboBox1"
 runat="server"
 onitemsrequested="RadComboBox1_ItemsRequested">
</telerik:radcombobox>
<input id="Button1" type="button" value="button" onclick="AddItems()" />

....

```

| Name                | Parameters | Return Type | Description                                          |
|---------------------|------------|-------------|------------------------------------------------------|
| get_id              | none       | string      | Gets the server-side ID of the RadComboBox instance. |
| get_dropDownElement | none       | DOM object  | Gets a reference to the drop-down list.              |
| get_inputDomElement | none       | DOM object  | Gets a reference to the input area.                  |

````JavaScript

```

function ChangeInputColor() {
    var combo = $find("<%= RadComboBox1.ClientID %>");
    var inputArea = combo.get_inputDomElement();
    inputArea.style.backgroundColor = "red"
}

....

```

| Name | Parameters | Return Type | Description |
|---------------------|------------|-------------|---|
| get_imageDomElement | none | DOM object | Gets a reference to image element (drop-down toggle). |

````JavaScript

```

function ChangeImageElement() {
 var combo = $find("<%= RadComboBox1.ClientID %>");
 var image = combo.get_imageDomElement();
 image.src = "MyImage.gif";
}

....

```

| Name                      | Parameters | Return Type | Description                                           |
|---------------------------|------------|-------------|-------------------------------------------------------|
| get_moreResultsBoxElement | none       | DOM object  | Gets a reference to the MoreResultsBox image element. |

```

| get_moreResultsBoxMessageElement |none|DOM object|Gets a reference to
the MoreResultsBox Message element.|
| get_dropDownVisible |none|Boolean| True if the drop-down is opened.|
| get_enabled |none|Boolean| True if RadComboBox is enabled.|
| get_selectedItem |none| RadComboBoxItem |Gets the currently selected
item.|
| get_selectedIndex |none|integer|Gets the index of the currently
selected item.|
| get_items |none| RadComboBoxItemCollection |Returns the items
collection for RadComboBox .|
| get_enableItemCaching |none|boolean| True if item caching is enabled
(applicable in load-on-demand scenario).|
| set_enableItemCaching |boolean|none|Enables/disables item caching
(applicable in load-on-demand scenario).|
| attachDropDown |none|none|Attach the drop down list to the input
element if it is not aligned properly, especially when a postback fires
from a templated item.
| get_visibleItems |none|array|Returns all visible items.|
| setAllItemsVisible |Boolean|none|Sets all items visible / invisible.|
| get_changeText |none|Boolean| True if ChangeTextOnKeyBoardNavigation is
true .|
| set_changeText |Boolean|none|Sets the ChangeTextOnKeyBoardNavigation
property.|
| get_enableTextSelection |none|Boolean| True if EnableTextSelection is
True .|
| set_enableTextSelection |boolean|none|Sets the EnableTextSelection
property.|
| get_markFirstMatch |none|Boolean| True if MarkFirstMatch is true .|
| set_markFirstMatch |Boolean|none|Sets the MarkFirstMatch property.|
| clearCache |none|none|Clears the items cache if EnableItemCaching is
True .|
| get_highlightedItem |none| RadComboBoxItem |Gets the currently
highlighted item.|

```

**The RadComboBoxItem object is returned by the getItem method of the RadComboBoxItemCollection object. It is also exposed by the eventArgs of many client-side events (eventArgs.get\_item()).**

**The following table lists the most important methods:**

| Name         | Parameters  | Return Type                          | Description |
|--------------|-------------|--------------------------------------|-------------|
| highlight    | none none   | Highlights an item.                  |             |
| unHighlight  | none none   | Unhighlights an item.                |             |
| select       | none none   | Selects an item.                     |             |
| disable      | none none   | Disables an item.                    |             |
| enable       | none none   | Enables an item.                     |             |
| get_comboBox | none object | Gets the parent RadComboBox control. |             |

```
````ASPNET
```

```
<script language="javascript" type="text/javascript">
    function OnClientSelectedIndexChangedHandler(sender, EventArgs) {
        var item = EventArgs.get_item();
        var combo = item.get_comboBox();
    }
</script>

<telerik:radcombobox id="RadComboBox1"
    runat="server"
    onclientselectedindexchanging="OnClientSelectedIndexChangedHandler">
</telerik:radcombobox>

````
```

| Name            | Parameters      | Return Type | Description                                                                     |
|-----------------|-----------------|-------------|---------------------------------------------------------------------------------|
| get_highlighted | none boolean    | boolean     | True if the item is highlighted. To highlight an item use the highlight method. |
| get_index       | none int        | int         | Gets the index of an item in the Items collection.                              |
| get_enabled     | none boolean    | boolean     | True if the item is enabled. To enable an item use the enable method.           |
| get_text        | none string     | string      | Gets the text of an item.                                                       |
| set_text        | string none     | void        | Sets text of an item.                                                           |
| get_value       | none string     | string      | Gets the value of an item.                                                      |
| set_value       | string none     | void        | Sets the value of an item.                                                      |
| get_checked     | none boolean    | boolean     | True if an item is checked, False if not.                                       |
| set_checked     | boolean none    | void        | Checks or unchecks an item.                                                     |
| get_isSeparator | none boolean    | boolean     | True if an item is separator (IsSeparator="True").                              |
| get_attributes  | none collection | collection  | Returns a collection of custom attributes defined for an item.                  |
| getAttribute    | String String   | String      | Returns a specific attribute from the Attributes collection.                    |
| setAttribute    | String, String  | void        | Adds an attribute to the Attributes collection.                                 |

```
````JavaScript
```

```
var combo = $find("<%= RadComboBox2.ClientID %>");
var item = combo.findItemByText("Apples");

//get a custom attribute called "Color"
item.get_attributes().getAttribute("Color");

//set new custom attribute called "Size"
item.get_attributes().setAttribute("Size", "2");

````
```

| Name                 | Parameters        | Return Type                                            | Description |
|----------------------|-------------------|--------------------------------------------------------|-------------|
| get_visible          | none boolean      | True if the item is visible.                           |             |
| set_visible          | boolean none      | Sets the visibility of an item.                        |             |
| show                 | none none         | Makes the item visible, same as set_visible(true).     |             |
| hide                 | none none         | Makes the item invisible, same as set_visible(false).  |             |
| get_imageUrl         | none string       | Returns the full path to an item's image.              |             |
| set_imageUrl         | string none       | Sets the ImageUrl property of an item.                 |             |
| get_disabledImageUrl | none string       | Returns the full path to the image of a disabled item. |             |
| set_disabledImageUrl | string none       | Sets the DisabledImageUrl property of an item.         |             |
| findControl          | string object     | Returns the object which is in the item template.      |             |
| get_element          | none HTML element | Returns the <LI> HTML element of an item.              |             |

**The RadComboBoxItemCollection object is returned by the get\_items method of the RadComboBox object. The following table lists the most important methods:**

>caption

| Name | Parameters      | Return Type | Description                           |
|------|-----------------|-------------|---------------------------------------|
| add  | RadComboBoxItem | none        | Adds an item to the Items collection. |

````JavaScript

```
var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
combo.trackChanges();
var comboItem = new Telerik.Web.UI.RadComboBoxItem();
comboItem.set_text("New");
comboItem.set_value("Value");
```

```
items.add(comboItem);
combo.commitChanges();
```

````

Name	Parameters	Return Type	Description
insert	int, RadComboBoxItem none	Inserts an item into the Items collection at the position specified by the first (index) parameter.	

````JavaScript

```
var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();

combo.trackChanges();
var comboItem = new Telerik.Web.UI.RadComboBoxItem();
comboItem.set_text("New");
comboItem.set_value("Value");
items.insert(0, comboItem);
combo.commitChanges();
```

````

Name	Parameters	Return Type	Description
remove	RadComboBoxItem	none	Removes a child item from the Items collection.

````JavaScript

```
var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
var comboItem = combo.findItemByText("Paris");
combo.trackChanges();
items.remove(comboItem);
combo.commitChanges();
```

````

Name	Parameters	Return Type	Description
clear	none	none	Clears the Items collection of RadComboBox.

````JavaScript

```
var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
items.clear();
```

````

Name	Parameters	Return Type	Description
getItem	int	RadComboBoxItem	Gets the item from the Items collection residing at the index specified by the parameter.

````JavaScript

```

var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
//Gets the second item from the Items collection
var comboItem = items.getItem(1);

```

````

Name	Parameters	Return Type	Description
indexOf	RadComboBoxItem	int	Gets the index of an item.

````JavaScript

```

var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
var comboItem = combo.findItemByText("Paris");
var index = items.indexOf(comboItem);

```

````

Name	Parameters	Return Type	Description
removeAt	int	none	Removes the item at the specified index.

````JavaScript

```

var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
var comboItem = combo.findItemByText("Paris");
var index = items.indexOf(comboItem);
items.removeAt(index);

```

````

Name	Parameters	Return Type	Description
get_count	none	int	Returns the number of items in the Items collection.

````JavaScript

```

var combo = $find("<%= RadComboBox1.ClientID %>");
var items = combo.get_items();
for (i = 0; i < items.get_count(); i++)
{
    alert(items.getItem(i).get_text());
}

```


