1. **Editors**

# Common

* Options :

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| **Name** | **Description** |
| [accessKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#accessKey) | Specifies the shortcut key that sets focus on the UI component. |
| [activeStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#activeStateEnabled) | Specifies whether the UI component changes its state as a result of user interaction. |
| [disabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#disabled) | Specifies whether the UI component responds to user interaction. |
| [elementAttr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#elementAttr) | Specifies the [global attributes](https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes) to be attached to the UI component's container element. |
| [focusStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#focusStateEnabled) | Specifies whether the UI component can be focused using keyboard navigation. |
| [height](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#height) | Specifies the UI component's height. |
| [hint](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#hint) | Specifies text for a hint that appears when a user pauses on the UI component. |
| [hoverStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#hoverStateEnabled) | Specifies whether the UI component changes its state when a user pauses on it. |
| [isValid](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#isValid) | Specifies or indicates whether the editor's value is valid. |
| [name](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#name) | The value to be assigned to the name attribute of the underlying HTML element. |
| [onContentReady](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#onContentReady) | A function that is executed when the UI component's content is ready and each time the content is changed. |
| [onDisposing](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#onDisposing) | A function that is executed before the UI component is [disposed of](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#dispose). |
| [onInitialized](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#onInitialized) | A function used in JavaScript frameworks to save the UI component instance. |
| [onOptionChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#onOptionChanged) | A function that is executed after a UI component property is changed. |
| [onValueChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#onValueChanged) | A function that is executed after the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#value) is changed. |
| [readOnly](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#readOnly) | Specifies whether the editor is read-only. |
| [rtlEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#rtlEnabled) | Switches the UI component to a right-to-left representation. |
| [tabIndex](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#tabIndex) | Specifies the number of the element when the Tab key is used for navigating. |
| [text](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#text) | Specifies the text displayed by the check box. |
| [validationError](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#validationError) | Information on the broken [validation rule](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/). Contains the first item from the [validationErrors](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/" \l "validationErrors) array. |
| [validationErrors](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#validationErrors) | An array of the [validation rules](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/) that failed. |
| [validationMessageMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#validationMessageMode) | Specifies how the message about the [validation rules](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/) that are not satisfied by this editor's value is displayed. |
| [validationStatus](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#validationStatus) | Indicates or specifies the current validation status. |
| [value](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#value) | Specifies the UI component state. |
| [visible](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#visible) | Specifies whether the UI component is visible. |
| [width](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#width) | Specifies the UI component's width. |

* Methods :

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| **Name** | **Description** |
| [beginUpdate()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#beginUpdate) | Prevents the UI component from refreshing until the [endUpdate()](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/" \l "endUpdate) method is called. |
| [defaultOptions(rule)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#defaultOptionsrule) | Specifies the device-dependent default configuration properties for this component. |
| [dispose()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#dispose) | Disposes of all the resources allocated to the CheckBox instance. |
| [element()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#element) | Gets the root UI component element. |
| [endUpdate()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#endUpdate) | Refreshes the UI component after a call of the [beginUpdate()](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/" \l "beginUpdate) method. |
| [focus()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#focus) | Sets focus on the UI component. |
| [getInstance(element)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#getInstanceelement) | Gets the instance of a UI component found using its DOM node. |
| [instance()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#instance) | Gets the UI component's instance. Use it to access other methods of the UI component. |
| [off(eventName)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#offeventName) | Detaches all event handlers from a single event. |
| [off(eventName, eventHandler)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#offeventName_eventHandler) | Detaches a particular event handler from a single event. |
| [on(eventName, eventHandler)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#oneventName_eventHandler) | Subscribes to an event. |
| [on(events)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#onevents) | Subscribes to events. |
| [option()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#option) | Gets all [UI component properties](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/). |
| [option(optionName)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#optionoptionName) | Gets the value of a single property. |
| [option(optionName, optionValue)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#optionoptionName_optionValue) | Updates the value of a single property. |
| [option(options)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#optionoptions) | Updates the values of several properties. |
| [registerKeyHandler(key, handler)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#registerKeyHandlerkey_handler) | Registers a handler to be executed when a user presses a specific key. |
| [repaint()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#repaint) | Repaints the UI component without reloading data. Call it to update the UI component's markup. |
| [reset()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#reset) | Resets the [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#value) property to the default value. |
| [resetOption(optionName)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#resetOptionoptionName) | Resets a property to its default value. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/) :

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| **Name** | **Description** |
| [contentReady](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/#contentReady) | Raised when the UI component's content is ready. |
| [disposing](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/#disposing) | Raised before the UI component is [disposed of](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Methods/#dispose). |
| [initialized](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/#initialized) | Raised only once, after the UI component is initialized. |
| [optionChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/#optionChanged) | Raised after a UI component property is changed. |
| [valueChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Events/#valueChanged) | Raised after the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCheckBox/Configuration/#value) is changed. |

# CheckBox

* The CheckBox is a small box, which when selected by the end user, shows that a particular feature has been enabled or a specific property has been chosen.

# DateBox

* The DateBox is a UI component that displays date and time in a specified format, and enables a user to pick or type in the required date/time value.
* Options :

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| **Name** | **Description** |
| [acceptCustomValue](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#acceptCustomValue) | Specifies whether or not the UI component allows an end-user to enter a custom value. |
| [adaptivityEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#adaptivityEnabled) | Specifies whether or not adaptive UI component rendering is enabled on a small screen. |
| [applyButtonText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#applyButtonText) | The text displayed on the Apply button. |
| [applyValueMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#applyValueMode) | Specifies the way an end-user applies the selected value. |
| [buttons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#buttons) | Allows you to add custom buttons to the input text field. |
| [calendarOptions](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#calendarOptions) | Configures the calendar's value picker. Applies only if the [pickerType](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/" \l "pickerType) is "calendar". |
| [cancelButtonText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#cancelButtonText) | The text displayed on the Cancel button. |
| [dateOutOfRangeMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dateOutOfRangeMessage) | Specifies the message displayed if the specified date is later than the [max](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#max) value or earlier than the [min](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#min) value. |
| [dateSerializationFormat](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dateSerializationFormat) | Specifies the date-time value serialization format. Use it only if you do not specify the [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxCalendar/Configuration/#value) at design time. |
| [deferRendering](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#deferRendering) | Specifies whether to render the drop-down field's content when it is displayed. If false, the content is rendered immediately. |
| [disabledDates](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#disabledDates) | Specifies dates that users cannot select. Applies only if [pickerType](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/" \l "pickerType) is "calendar". |
| [displayFormat](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#displayFormat) | Specifies the date display format. Ignored if the [pickerType](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/" \l "pickerType) property is "native" |
| [dropDownButtonComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dropDownButtonComponent) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [dropDownButtonRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dropDownButtonRender) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dropDownButtonTemplate) | Specifies a custom template for the drop-down button. |
| [dropDownOptions](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#dropDownOptions) | Configures the drop-down field which holds the [content](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxPopup/Configuration/#contentTemplate). |
| [interval](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#interval) | Specifies the interval between neighboring values in the popup list in minutes. |
| [invalidDateMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#invalidDateMessage) | Specifies the message displayed if the typed value is not a valid date or time. |
| [max](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#max) | The last date that can be selected within the UI component. |
| [maxLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#maxLength) | Specifies the maximum number of characters you can enter into the textbox. |
| [min](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#min) | The minimum date that can be selected within the UI component. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onClosed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onClosed) | A function that is executed once the drop-down editor is closed. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onOpened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onOpened) | A function that is executed once the drop-down editor is opened. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#opened) | Specifies whether or not the drop-down editor is displayed. |
| [openOnFieldClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#openOnFieldClick) | Specifies whether a user can open the drop-down list by clicking a text field. |
| [pickerType](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#pickerType) | Specifies the type of the date/time picker. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#placeholder) | Specifies a placeholder for the input field. |
| [showAnalogClock](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#showAnalogClock) | Specifies whether to show the analog clock in the value picker. Applies only if [type](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#type) is "datetime" and [pickerType](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/" \l "pickerType) is "calendar". |
| [showClearButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#showClearButton) | Specifies whether to display the Clear button in the UI component. |
| [showDropDownButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#showDropDownButton) | Specifies whether the drop-down button is visible. |
| [spellcheck](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#spellcheck) | Specifies whether or not the UI component checks the inner text for spelling mistakes. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [type](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#type) | A format used to display date/time information. |
| [useMaskBehavior](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#useMaskBehavior) | Specifies whether to control user input using a mask created based on the [displayFormat](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/" \l "displayFormat). |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/#value) should be updated. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/) :

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| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#blur) | Removes focus from the input element. |
| [close()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#close) | Closes the drop-down editor. |
| [content()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#content) | Gets the popup window's content. |
| [field()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#field) | Gets the UI component's <input> element. |
| [getButton(name)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#getButtonname) | Gets an instance of a [custom action button](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Configuration/buttons/). |
| [open()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Methods/#open) | Opens the drop-down editor. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/) :

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| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [closed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#closed) | Raised once the drop-down editor is closed. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#copy) | Raised when the UI component's input has been copied. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#opened) | Raised once the drop-down editor is opened. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDateBox/Events/#paste) | Raised when the UI component's input has been pasted. |

# DropDownBox

* The DropDownBox UI component consists of a text field, which displays the current value, and a drop-down field, which can contain any UI element.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [acceptCustomValue](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#acceptCustomValue) | Specifies whether the UI component allows a user to enter a custom value. |
| [activeStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#activeStateEnabled) | Specifies whether the UI component changes its state as a result of user interaction. |
| [buttons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#buttons) | Allows you to add custom buttons to the input text field. |
| [contentComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#contentComponent) | An alias for the [contentTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "contentTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [contentRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#contentRender) | An alias for the [contentTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "contentTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [contentTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#contentTemplate) | Specifies a custom template for the drop-down content. |
| [dataSource](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#dataSource) | Binds the UI component to data. |
| [deferRendering](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#deferRendering) | Specifies whether to render the drop-down field's content when it is displayed. If **false**, the content is rendered immediately. |
| [displayExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#displayExpr) | Specifies the data field whose values should be displayed. |
| [displayValueFormatter](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#displayValueFormatter) | Customizes text before it is displayed in the input field. |
| [dropDownButtonComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#dropDownButtonComponent) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [dropDownButtonRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#dropDownButtonRender) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#dropDownButtonTemplate) | Specifies a custom template for the drop-down button. |
| [dropDownOptions](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#dropDownOptions) | Configures the drop-down field which holds the [content](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#contentTemplate). |
| [fieldComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#fieldComponent) | An alias for the [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "fieldTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [fieldRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#fieldRender) | An alias for the [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/" \l "fieldTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#fieldTemplate) | Specifies a custom template for the text field. Must contain the [TextBox](https://js.devexpress.com/Documentation/21_1/Guide/UI_Components/TextBox/Overview/) UI component. |
| [items](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#items) | An array of items used to synchronize the DropDownBox with an embedded UI component. |
| [maxLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#maxLength) | Specifies the maximum number of characters you can enter into the textbox. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onClosed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onClosed) | A function that is executed once the drop-down editor is closed. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onOpened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onOpened) | A function that is executed once the drop-down editor is opened. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#opened) | Specifies whether or not the drop-down editor is displayed. |
| [openOnFieldClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#openOnFieldClick) | Specifies whether a user can open the drop-down list by clicking a text field. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#placeholder) | The text displayed by the UI component when the UI component value is empty. |
| [showClearButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#showClearButton) | Specifies whether to display the Clear button in the UI component. |
| [showDropDownButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#showDropDownButton) | Specifies whether the drop-down button is visible. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [validationErrors](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#validationErrors) | An array of the [validation rules](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/) that failed. |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#value) should be updated. |
| [valueExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#valueExpr) | Specifies which data field provides unique values to the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/#value). |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#blur) | Removes focus from the input element. |
| [close()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#close) | Closes the drop-down editor. |
| [content()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#content) | Gets the popup window's content. |
| [field()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#field) | Gets the UI component's <input> element. |
| [getButton(name)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#getButtonname) | Gets an instance of a [custom action button](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Configuration/buttons/). |
| [getDataSource()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#getDataSource) | Gets the [DataSource](https://js.devexpress.com/Documentation/21_1/ApiReference/Data_Layer/DataSource/) instance. |
| [open()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Methods/#open) | Opens the drop-down editor. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [closed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#closed) | Raised once the drop-down editor is closed. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#copy) | Raised when the UI component's input has been copied. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#opened) | Raised once the drop-down editor is opened. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxDropDownBox/Events/#paste) | Raised when the UI component's input has been pasted. |

# NumberBox

* The NumberBox is a UI component that displays a numeric value and allows a user to modify it by typing in a value, and incrementing or decrementing it using the keyboard or mouse.
* Options :

|  |  |
| --- | --- |
| Name | Description |
| [buttons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#buttons) | Allows you to add custom buttons to the input text field. |
| [format](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#format) | Specifies the value's display format and controls user input accordingly. |
| [invalidValueMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#invalidValueMessage) | Specifies the text of the message displayed if the specified value is not a number. |
| [max](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#max) | The maximum value accepted by the number box. |
| [min](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#min) | The minimum value accepted by the number box. |
| [mode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#mode) | Specifies the value to be passed to the [type](http://www.w3schools.com/tags/att_input_type.asp) attribute of the underlying <input> element. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#placeholder) | The text displayed by the UI component when the UI component value is empty. |
| [showClearButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#showClearButton) | Specifies whether to display the Clear button in the UI component. |
| [showSpinButtons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#showSpinButtons) | Specifies whether to show the buttons that change the [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#value) by a [step](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#step). |
| [step](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#step) | Specifies how much the UI component's value changes when using the spin buttons, Up/Down arrow keys, or mouse wheel. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [useLargeSpinButtons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#useLargeSpinButtons) | Specifies whether to use touch friendly spin buttons. Applies only if [showSpinButtons](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/" \l "showSpinButtons) is true. |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/#value) should be updated. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Methods/#blur) | Removes focus from the input element. |
| [getButton(name)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Methods/#getButtonname) | Gets an instance of a [custom action button](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Configuration/buttons/). |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#copy) | Raised when the UI component's input has been copied. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxNumberBox/Events/#paste) | Raised when the UI component's input has been pasted. |

# SelectBox

* The SelectBox UI component is an editor that allows an end user to select an item from a drop-down list.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [acceptCustomValue](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#acceptCustomValue) | Specifies whether the UI component allows a user to enter a custom value. Requires the [onCustomItemCreating](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/" \l "onCustomItemCreating) handler implementation. |
| [activeStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#activeStateEnabled) | Specifies whether the UI component changes its state as a result of user interaction. |
| [buttons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#buttons) | Allows you to add custom buttons to the input text field. |
| [dataSource](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#dataSource) | Binds the UI component to data. |
| [deferRendering](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#deferRendering) | Specifies whether to render the drop-down field's content when it is displayed. If false, the content is rendered immediately. |
| [displayExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#displayExpr) | Specifies the data field whose values should be displayed. |
| [displayValue](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#displayValue) | Returns the value currently displayed by the UI component. |
| [dropDownButtonComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#dropDownButtonComponent) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [dropDownButtonRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#dropDownButtonRender) | An alias for the [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "dropDownButtonTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [dropDownButtonTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#dropDownButtonTemplate) | Specifies a custom template for the drop-down button. |
| [dropDownOptions](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#dropDownOptions) | Configures the drop-down field which holds the [content](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxPopup/Configuration/#contentTemplate). |
| [fieldComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#fieldComponent) | An alias for the [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "fieldTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [fieldRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#fieldRender) | An alias for the [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "fieldTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [fieldTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#fieldTemplate) | Specifies a custom template for the text field. Must contain the [TextBox](https://js.devexpress.com/Documentation/21_1/Guide/UI_Components/TextBox/Overview/) UI component. |
| [groupComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#groupComponent) | An alias for the [groupTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "groupTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [grouped](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#grouped) | Specifies whether data items should be grouped. |
| [groupRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#groupRender) | An alias for the [groupTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "groupTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [groupTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#groupTemplate) | Specifies a custom template for group captions. |
| [itemComponent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#itemComponent) | An alias for the [itemTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "itemTemplate) property specified in React. Accepts a custom component. Refer to [Using a Custom Component](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Custom_Component) for more information. |
| [itemRender](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#itemRender) | An alias for the [itemTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/" \l "itemTemplate) property specified in React. Accepts a rendering function. Refer to [Using a Rendering Function](https://js.devexpress.com/Documentation/21_1/Guide/React_Components/Component_Configuration_Syntax/#Markup_Customization/Using_a_Rendering_Function) for more information. |
| [items](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#items) | An array of items displayed by the UI component. |
| [itemTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#itemTemplate) | Specifies a custom template for items. |
| [maxLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#maxLength) | Specifies the maximum number of characters you can enter into the textbox. |
| [minSearchLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#minSearchLength) | The minimum number of characters that must be entered into the text box to begin a search. Applies only if [searchEnabled](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/" \l "searchEnabled) is true. |
| [noDataText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#noDataText) | Specifies the text or HTML markup displayed by the UI component if the item collection is empty. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onClosed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onClosed) | A function that is executed once the drop-down editor is closed. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCustomItemCreating](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onCustomItemCreating) | A function that is executed when a user adds a custom item. Requires [acceptCustomValue](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/" \l "acceptCustomValue) to be set to true. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onItemClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onItemClick) | A function that is executed when a list item is clicked or tapped. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onOpened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onOpened) | A function that is executed once the drop-down editor is opened. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [onSelectionChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#onSelectionChanged) | A function that is executed when a list item is selected or selection is canceled. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#opened) | Specifies whether or not the drop-down editor is displayed. |
| [openOnFieldClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#openOnFieldClick) | Specifies whether a user can open the drop-down list by clicking a text field. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#placeholder) | The text that is provided as a hint in the select box editor. |
| [searchEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#searchEnabled) | Specifies whether to allow searching. |
| [searchExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#searchExpr) | Specifies the name of a data source item field or an expression whose value is compared to the search criterion. |
| [searchMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#searchMode) | Specifies a comparison operation used to search UI component items. |
| [searchTimeout](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#searchTimeout) | Specifies the time delay, in milliseconds, after the last character has been typed in, before a search is executed. |
| [selectedItem](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#selectedItem) | Gets the currently selected item. |
| [showClearButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#showClearButton) | Specifies whether to display the Clear button in the UI component. |
| [showDataBeforeSearch](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#showDataBeforeSearch) | Specifies whether or not the UI component displays unfiltered values until a user types a number of characters exceeding the [minSearchLength](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/" \l "minSearchLength) property value. |
| [showDropDownButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#showDropDownButton) | Specifies whether the drop-down button is visible. |
| [showSelectionControls](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#showSelectionControls) | Specifies whether or not to display selection controls. |
| [spellcheck](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#spellcheck) | Specifies whether or not the UI component checks the inner text for spelling mistakes. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [useItemTextAsTitle](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#useItemTextAsTitle) | Specifies whether the SelectBox uses item's text a [title](https://developer.mozilla.org/en-US/docs/Web/HTML/Global_attributes/title) attribute. |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#value) should be updated. Applies only if [acceptCustomValue](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/" \l "acceptCustomValue) is set to true. |
| [valueExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#valueExpr) | Specifies which data field provides unique values to the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#value). |
| [wrapItemText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#wrapItemText) | Specifies whether text that exceeds the drop-down list [width](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/#width) should be wrapped. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#blur) | Removes focus from the input element. |
| [close()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#close) | Closes the drop-down editor. |
| [content()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#content) | Gets the popup window's content. |
| [field()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#field) | Gets the UI component's <input> element. |
| [getButton(name)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#getButtonname) | Gets an instance of a [custom action button](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Configuration/buttons/). |
| [getDataSource()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#getDataSource) | Gets the [DataSource](https://js.devexpress.com/Documentation/21_1/ApiReference/Data_Layer/DataSource/) instance. |
| [open()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Methods/#open) | Opens the drop-down editor. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [closed](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#closed) | Raised once the drop-down editor is closed. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#copy) | Raised when the UI component's input has been copied. |
| [customItemCreating](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#customItemCreating) | Raised when a user adds a custom item. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [itemClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#itemClick) | Raised when a list item is clicked or tapped. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [opened](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#opened) | Raised once the drop-down editor is opened. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#paste) | Raised when the UI component's input has been pasted. |
| [selectionChanged](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxSelectBox/Events/#selectionChanged) | Raised when a list item is selected or selection is canceled. |

# DropDownBox VS SelectBox

* **DropDownBox** popup can contain different **views** like listView, treeView, gridView etc whereas **SelectBox** popup can only contain listView.
* **DropDownBox** can have **multiple values** at same time where as **SelectBox** can contain **single value at a time**.
* **DropDownBox** used in **complex** **scenarios**, on the other hand **SelectBox** is used in **simple scenarios**.

# TextArea

* The TextArea is UI component that enables user to enter and edit a multi-line text.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [activeStateEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#activeStateEnabled) | Specifies whether the UI component changes its state as a result of user interaction. |
| [autoResizeEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#autoResizeEnabled) | A Boolean value specifying whether or not the auto resizing mode is enabled. |
| [maxHeight](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#maxHeight) | Specifies the maximum height of the UI component. |
| [maxLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#maxLength) | Specifies the maximum number of characters you can enter into the textbox. |
| [minHeight](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#minHeight) | Specifies the minimum height of the UI component. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#placeholder) | The text displayed by the UI component when the UI component value is empty. |
| [spellcheck](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#spellcheck) | Specifies whether or not the UI component checks the inner text for spelling mistakes. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Configuration/#value) should be updated. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Methods/#blur) | Removes focus from the input element. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#copy) | Raised when the UI component's input has been copied. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextArea/Events/#paste) | Raised when the UI component's input has been pasted. |

# TextBox

* The TextBox is a UI component that enables a user to enter and edit a single line of text.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [buttons](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#buttons) | Allows you to add custom buttons to the input text field. |
| [mask](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#mask) | The editor mask that specifies the custom format of the entered string. |
| [maskChar](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#maskChar) | Specifies a mask placeholder. A single character is recommended. |
| [maskInvalidMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#maskInvalidMessage) | A message displayed when the entered text does not match the specified pattern. |
| [maskRules](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#maskRules) | Specifies custom mask rules. |
| [maxLength](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#maxLength) | Specifies the maximum number of characters you can enter into the textbox. |
| [mode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#mode) | The "mode" attribute value of the actual HTML input element representing the text box. |
| [onChange](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onChange) | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| [onCopy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onCopy) | A function that is executed when the UI component's input has been copied. |
| [onCut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onCut) | A function that is executed when the UI component's input has been cut. |
| [onEnterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onEnterKey) | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| [onFocusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onFocusIn) | A function that is executed when the UI component gets focus. |
| [onFocusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onFocusOut) | A function that is executed when the UI component loses focus. |
| [onInput](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onInput) | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| [onKeyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onKeyDown) | A function that is executed when a user is pressing a key on the keyboard. |
| [onKeyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onKeyUp) | A function that is executed when a user releases a key on the keyboard. |
| [onPaste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#onPaste) | A function that is executed when the UI component's input has been pasted. |
| [placeholder](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#placeholder) | The text displayed by the UI component when the UI component value is empty. |
| [showClearButton](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#showClearButton) | Specifies whether to display the Clear button in the UI component. |
| [showMaskMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#showMaskMode) | Specifies when the UI component shows the [mask](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#mask). Applies only if [useMaskedValue](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/" \l "useMaskedValue) is true. |
| [spellcheck](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#spellcheck) | Specifies whether or not the UI component checks the inner text for spelling mistakes. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#stylingMode) | Specifies how the UI component's text field is styled. |
| [useMaskedValue](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#useMaskedValue) | Specifies whether the [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#value) should contain mask characters or not. |
| [valueChangeEvent](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#valueChangeEvent) | Specifies the [DOM events](https://en.wikipedia.org/wiki/DOM_events) after which the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/#value) should be updated. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [blur()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Methods/#blur) | Removes focus from the input element. |
| [getButton(name)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Methods/#getButtonname) | Gets an instance of a [custom action button](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Configuration/buttons/). |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [change](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#change) | Raised when the UI component loses focus after the text field's content was changed using the keyboard. |
| [copy](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#copy) | Raised when the UI component's input has been copied. |
| [cut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#cut) | Raised when the UI component's input has been cut. |
| [enterKey](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#enterKey) | Raised when the Enter key has been pressed while the UI component is focused. |
| [focusIn](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#focusIn) | Raised when the UI component gets focus. |
| [focusOut](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#focusOut) | Raised when the UI component loses focus. |
| [input](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#input) | Raised each time the UI component's input is changed while the UI component is focused. |
| [keyDown](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#keyDown) | Raised when a user is pressing a key on the keyboard. |
| [keyUp](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#keyUp) | Raised when a user releases a key on the keyboard. |
| [paste](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxTextBox/Events/#paste) | Raised when the UI component's input has been pasted. |

# TextArea VS TextBox

* TextArea is used to take multi-lines input where as TextBox can have only singleLine value.

# Button

* The JavaScript Button is a simple button that performs specified commands when a user clicks it.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [icon](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#icon) | Specifies the icon to be displayed on the button. |
| [onClick](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#onClick) | A function that is executed when the Button is clicked or tapped. |
| [rtlEnabled](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#rtlEnabled) | Switches the UI component to a right-to-left representation. |
| [stylingMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#stylingMode) | Specifies how the button is styled. |
| [template](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#template) | Specifies a custom template for the Button UI component. |
| [useSubmitBehavior](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#useSubmitBehavior) | Specifies whether the button submits an HTML form. |
| [validationGroup](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Configuration/#validationGroup) | Specifies the name of the [validation group](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidationGroup/) to be accessed in the [click](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxButton/Events/#click) event handler. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [click](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxButton/Events/#click) | Raised when the Button is clicked or tapped. |

# FileUploader

* The FileUploader UI component enables an end user to upload files to the server. An end user can select files in the file explorer or drag and drop files to the FileUploader area on the page.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [abortUpload](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#abortUpload) | A function that cancels the file upload. |
| [accept](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#accept) | Specifies a file type or several types accepted by the UI component. |
| [allowCanceling](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#allowCanceling) | Specifies if an end user can remove a file from the selection and interrupt uploading. |
| [allowedFileExtensions](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#allowedFileExtensions) | Restricts file extensions that can be uploaded to the server. |
| [chunkSize](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#chunkSize) | Specifies the chunk size in bytes. Applies only if [uploadMode](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/" \l "uploadMode) is "instantly" or "useButtons". Requires a server that can process file chunks. |
| [dialogTrigger](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#dialogTrigger) | Specifies the HTML element which invokes the file upload dialog. |
| [dropZone](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#dropZone) | Specifies the HTML element in which users can drag and drop files for upload. |
| [invalidFileExtensionMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#invalidFileExtensionMessage) | The text displayed when the extension of the file being uploaded is not an [allowed file extension](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#allowedFileExtensions). |
| [invalidMaxFileSizeMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#invalidMaxFileSizeMessage) | The text displayed when the size of the file being uploaded is greater than the [maxFileSize](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/" \l "maxFileSize). |
| [invalidMinFileSizeMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#invalidMinFileSizeMessage) | The text displayed when the size of the file being uploaded is less than the [minFileSize](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/" \l "minFileSize). |
| [labelText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#labelText) | Specifies the text displayed on the area to which an end-user can drop a file. |
| [maxFileSize](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#maxFileSize) | Specifies the maximum file size (in bytes) allowed for uploading. Applies only if [uploadMode](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/" \l "uploadMode) is "instantly" or "useButtons". |
| [minFileSize](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#minFileSize) | Specifies the minimum file size (in bytes) allowed for uploading. Applies only if [uploadMode](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/" \l "uploadMode) is "instantly" or "useButtons". |
| [multiple](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#multiple) | Specifies whether the UI component enables an end-user to select a single file or multiple files. |
| [onBeforeSend](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onBeforeSend) | A function that allows you to customize the request before it is sent to the server. |
| [onDropZoneEnter](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onDropZoneEnter) | A function that is executed when the mouse enters a drop zone while dragging a file. |
| [onDropZoneLeave](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onDropZoneLeave) | A function that is executed when the mouse leaves a drop zone as it drags a file. |
| [onFilesUploaded](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onFilesUploaded) | A function that is executed when the file upload process is complete. |
| [onProgress](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onProgress) | A function that is executed when a file segment is uploaded. |
| [onUploadAborted](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onUploadAborted) | A function that is executed when the file upload is aborted. |
| [onUploaded](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onUploaded) | A function that is executed when a file is successfully uploaded. |
| [onUploadError](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onUploadError) | A function that is executed when an error occurs during the file upload. |
| [onUploadStarted](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#onUploadStarted) | A function that is executed when the file upload is started. |
| [progress](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#progress) | Gets the current progress in percentages. |
| [readyToUploadMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#readyToUploadMessage) | The message displayed by the UI component when it is ready to upload the specified files. |
| [selectButtonText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#selectButtonText) | The text displayed on the button that opens the file browser. |
| [showFileList](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#showFileList) | Specifies whether or not the UI component displays the list of selected files. |
| [uploadAbortedMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadAbortedMessage) | The message displayed by the UI component when the file upload is cancelled. |
| [uploadButtonText](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadButtonText) | The text displayed on the button that starts uploading. |
| [uploadChunk](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadChunk) | A function that uploads a file in chunks. |
| [uploadCustomData](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadCustomData) | Specifies custom data for the upload request. |
| [uploadedMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadedMessage) | The message displayed by the UI component when uploading is finished. |
| [uploadFailedMessage](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadFailedMessage) | The message displayed by the UI component on uploading failure. |
| [uploadFile](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadFile) | A function that uploads a file. |
| [uploadHeaders](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadHeaders) | Specifies headers for the upload request. |
| [uploadMethod](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadMethod) | Specifies the method for the upload request. |
| [uploadMode](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadMode) | Specifies how the UI component uploads files. |
| [uploadUrl](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Configuration/#uploadUrl) | Specifies a target Url for the upload request. |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [abortUpload()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#abortUpload) | Cancels the file upload. |
| [abortUpload(file)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#abortUploadfile) | Cancels the file upload. |
| [abortUpload(fileIndex)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#abortUploadfileIndex) | Cancels the file upload. |
| [removeFile(file)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#removeFilefile) | Removes a file. |
| [removeFile(fileIndex)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#removeFilefileIndex) | Removes a file with the specified index. |
| [upload()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#upload) | Uploads all the selected files. |
| [upload(file)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#uploadfile) | Uploads the specified file. |
| [upload(fileIndex)](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Methods/#uploadfileIndex) | Uploads a file with the specified index. |

* [Events](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [beforeSend](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#beforeSend) | Raised before the request is sent to the server and allows you to customize this request. |
| [dropZoneEnter](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#dropZoneEnter) | Raised when the mouse enters a drop zone as it drags a file. |
| [dropZoneLeave](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#dropZoneLeave) | Raised when the mouse leaves a drop zone as it drags a file. |
| [filesUploaded](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#filesUploaded) | Raised when the file upload process is complete. |
| [progress](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#progress) | Raised when a file segment is uploaded. |
| [uploadAborted](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#uploadAborted) | Raised when the file upload is aborted. |
| [uploaded](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#uploaded) | Raised when a file is successfully uploaded. |
| [uploadError](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#uploadError) | Raised when an error occurs during the file upload. |
| [uploadStarted](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxFileUploader/Events/#uploadStarted) | Raised when the file upload is started. |

# Validation

* A UI component that is used to validate the associated DevExtreme editors against the defined validation rules.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [adapter](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Configuration/#adapter) | An object that specifies what and when to validate, and how to apply the validation result. |
| [onValidated](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Configuration/#onValidated) | A function that is executed after a value is validated. |
| [validationGroup](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Configuration/#validationGroup) | Specifies the validation group the editor will be related to. |
| [validationRules](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Configuration/#validationRules) | An array of validation rules to be checked for the editor with which the dxValidator object is associated. |

* Method :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [validate()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Methods/#validate) | Validates the value of the editor that is controlled by the current Validator object against the list of the specified [validation rules](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxValidator/Configuration/#validationRules). |

* Events :

|  |  |
| --- | --- |
| Name | Description |
| [validated](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Events/#validated) | Raised after a value is validated. |

* Validation Rules :

|  |  |
| --- | --- |
| **Name** | **Description** |
| AsyncRule | A custom validation rule that is checked asynchronously. Use async rules for server-side validation. |
| CompareRule | A validation rule that demands that a validated editor has a value that is equal to a specified expression. |
| CustomRule | A rule with custom validation logic. |
| EmailRule | A validation rule that demands that the validated field match the Email pattern. |
| NumericRule | A validation rule that demands that the validated field has a numeric value. |
| PatternRule | A validation rule that demands that the validated field match a specified pattern. |
| RangeRule | A validation rule that demands the target value be within the specified value range (including the range's end points). |
| RequiredRule | A validation rule that demands that a validated field has a value. |
| StringLengthRule | A validation rule that demands the target value length be within the specified value range (including the range's end points). |

* Validation Result :

|  |  |
| --- | --- |
| **Name** | **Description** |
| brokenRule | A rule that failed to pass the check. Contains the first item from the [brokenRules](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Result/" \l "brokenRules) array |
| brokenRules | An array of the [validationRules](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/) that failed to pass the check |
| complete | A promise that is fulfilled when all async rules are validated |
| isValid | Indicates whether all the checked rules are satisfied |
| pendingRule | An array of [async rules](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Rules/AsyncRule/) whose promises are not fulfilled or rejected. Contains items only when the [status](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxValidator/Validation_Result/#status) is "pending" |
| status | Indicates the validation status |
| validationRules | Validation rules specified for the Validator |
| value | The value being validated |

# RadioGroup

* The RadioGroup is a UI component that contains a set of radio buttons and allows an end user to make a single selection from the set.
* Options :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [dataSource](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#dataSource) | Binds the UI component to data. |
| [displayExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#displayExpr) | Specifies the data field whose values should be displayed. |
| [items](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#items) | An array of items displayed by the UI component. |
| [itemTemplate](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#itemTemplate) | Specifies a custom template for items. |
| [layout](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#layout) | Specifies the radio group layout. |
| [valueExpr](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#valueExpr) | Specifies which data field provides unique values to the UI component's [value](https://js.devexpress.com/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Configuration/#value). |

* [Methods](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Methods/) :

|  |  |
| --- | --- |
| **Name** | **Description** |
| [getDataSource()](https://js.devexpress.com/jQuery/Documentation/21_1/ApiReference/UI_Components/dxRadioGroup/Methods/#getDataSource) | Gets the [DataSource](https://js.devexpress.com/Documentation/21_1/ApiReference/Data_Layer/DataSource/) instance. |