TextBox

A TextBox is a form element used to capture and display user input in a simple or advanced format. It is a crucial part of many forms, where users can type in data. The TextBox component is highly customizable, offering a variety of options to manage its behavior, appearance, and interactions. It supports features like input masking, validation, custom buttons, and more, making it versatile for many scenarios. Below are the options, methods, and events associated with the TextBox component.

## Options

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| Option | Description |
| accessKey | Specifies the shortcut key that sets focus on the UI component. |
| activeStateEnabled | Specifies whether the UI component changes its state as a result of user interaction. |
| buttons | Allows you to add custom buttons to the input text field. |
| disabled | Specifies whether the UI component responds to user interaction. |
| elementAttr | Specifies the global attributes to be attached to the UI component's container element. |
| focusStateEnabled | Specifies whether the UI component can be focused using keyboard navigation. |
| height | Specifies the UI component's height. |
| hint | Specifies text for a hint that appears when a user pauses on the UI component. |
| hoverStateEnabled | Specifies whether the UI component changes its state when a user pauses on it. |
| inputAttr | Specifies the attributes to be passed on to the underlying HTML element. |
| isValid | Specifies or indicates whether the editor's value is valid. |
| mask | The editor mask that specifies the custom format of the entered string. |
| maxLength | Specifies the maximum number of characters you can enter into the textbox. |
| mode | The 'mode' attribute value of the actual HTML input element representing the text box. |
| name | The value to be assigned to the name attribute of the underlying HTML element. |
| onChange | A function that is executed when the UI component loses focus after the text field's content was changed using the keyboard. |
| onContentReady | A function that is executed when the UI component's content is ready and each time the content is changed. |
| onCopy | A function that is executed when the UI component's input has been copied. |
| onCut | A function that is executed when the UI component's input has been cut. |
| onDisposing | A function that is executed before the UI component is disposed of. |
| onEnterKey | A function that is executed when the Enter key has been pressed while the UI component is focused. |
| onFocusIn | A function that is executed when the UI component gets focus. |
| onFocusOut | A function that is executed when the UI component loses focus. |
| onInitialized | A function used in JavaScript frameworks to save the UI component instance. |
| onInput | A function that is executed each time the UI component's input is changed while the UI component is focused. |
| onKeyDown | A function that is executed when a user is pressing a key on the keyboard. |
| onKeyUp | A function that is executed when a user releases a key on the keyboard. |
| onOptionChanged | A function that is executed after a UI component property is changed. |
| onPaste | A function that is executed when the UI component's input has been pasted. |
| onValueChanged | A function that is executed after the UI component's value is changed. |
| placeholder | The text displayed by the UI component when the UI component value is empty. |
| readOnly | Specifies whether the editor is read-only. |
| rtlEnabled | Switches the UI component to a right-to-left representation. |
| showClearButton | Specifies whether to display the Clear button in the UI component. |
| showMaskMode | Specifies when the UI component shows the mask. Applies only if useMaskedValue is true. |
| spellcheck | Specifies whether or not the UI component checks the inner text for spelling mistakes. |
| stylingMode | Specifies how the UI component's text field is styled. |
| tabIndex | Specifies the number of the element when the Tab key is used for navigating. |
| text | The read-only property that holds the text displayed by the UI component input element. |
| useMaskedValue | Specifies whether the value should contain mask characters or not. |
| validationError | Information on the broken validation rule. Contains the first item from the validationErrors array. |
| validationErrors | An array of the validation rules that failed. |
| validationMessageMode | Specifies how the message about the validation rules that are not satisfied by this editor's value is displayed. |
| validationStatus | Indicates or specifies the current validation status. |
| value | Specifies a value the UI component displays. |
| valueChangeEvent | Specifies the DOM events after which the UI component's value should be updated. |
| visible | Specifies whether the UI component is visible. |
| width | Specifies the UI component's width. |