RadioGroup

The RadioGroup component in DevExtreme is used for displaying a set of radio buttons, where the user can select one option from a predefined list. It provides a flexible way of managing input where only a single option is allowed. It can be customized through options like layout, item template, and data binding.

# Options

|  |  |
| --- | --- |
| 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. |
| dataSource | Binds the UI component to data. |
| disabled | Specifies whether the UI component responds to user interaction. |
| displayExpr | Specifies the data field whose values should be displayed. |
| 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 hovers over it. |
| isValid | Specifies or indicates whether the editor's value is valid. |
| itemComponent | An alias for the itemTemplate property in React. Accepts a custom component. |
| itemRender | An alias for the itemTemplate property in React. Accepts a rendering function. |
| items | An array of items displayed by the UI component. |
| itemTemplate | Specifies a custom template for items. |
| layout | Specifies the radio group layout (e.g., horizontal or vertical). |
| name | The value to be assigned to the name attribute of the underlying HTML element. |
| onContentReady | A function executed when the UI component's content is ready. |

# Methods

|  |  |
| --- | --- |
| Method | Description |
| beginUpdate() | Prevents the UI component from refreshing until the endUpdate() method is called. |
| defaultOptions(rule) | Specifies the device-dependent default configuration properties for this component. |
| dispose() | Disposes of all the resources allocated to the RadioGroup instance. |
| element() | Gets the root UI component element. |
| endUpdate() | Refreshes the UI component after a call of the beginUpdate() method. |
| focus() | Sets focus on the UI component. |
| getDataSource() | Gets the DataSource instance. |
| getInstance(element) | Gets the instance of a UI component found using its DOM node. |
| instance() | Gets the UI component's instance. Use it to access other methods of the UI component. |
| off(eventName) | Detaches all event handlers from a single event. |
| off(eventName, eventHandler) | Detaches a particular event handler from a single event. |
| on(eventName, eventHandler) | Subscribes to an event. |
| on(events) | Subscribes to events. |
| option() | Gets all UI component properties. |
| option(optionName) | Gets the value of a single property. |
| option(optionName, optionValue) | Updates the value of a single property. |
| option(options) | Updates the values of several properties. |
| registerKeyHandler(key, handler) | Registers a handler to be executed when a user presses a specific key. |
| repaint() | Repaints the UI component without reloading data. |
| reset() | Resets the value property to the default value. |
| resetOption(optionName) | Resets a property to its default value. |

# Events

|  |  |
| --- | --- |
| Event | Description |
| contentReady | Raised when the UI component's content is ready. |
| disposing | Raised before the UI component is disposed of. |
| initialized | Raised only once, after the UI component is initialized. |
| optionChanged | Raised after a UI component property is changed. |
| valueChanged | Raised after the UI component's value is changed. |