

## 7.1 Menu

The Menu UI component is a panel with clickable items. A click on an item opens a drop-down menu, which can contain several submenus.

### Basic Configuration

- `accessKey`
- `activeStateEnabled`
- `adaptivityEnabled`
- `disabled`
- `elementAttr`
- `focusStateEnabled`
- `height`
- `hint`
- `hoverStateEnabled`
- `rtlEnabled`
- `tabIndex`
- `visible`
- `width`

### Menu Main Properties

- `hideSubmenuOnLeave`
- `orientation`

### Data Source Configuration

- `dataSource`
- `disabledExpr`
- `displayExpr`
- `items`
- `itemsExpr`
- `itemTemplate`

### Basic Methods

- `onContentReady`
- `onDisposing`
- `onInitialized`
- `onOptionChanged`

### Submenu Show, Hidden Properties, Methods

- `onSubmenuHidden`
- `onSubmenuHiding`
- `onSubmenuShowing`
- `onSubmenuShown`

### Selection Properties

- onSelectionChanged
- selectByClick
- selectedExpr
- selectedItem
- selectionMode

### Menu Item Methods

- onItemClick
- onItemContextMenu
- onItemRendered

### Style, Animation Properties

- animation
- cssClass
- showFirstSubmenuMode
- showSubmenuMode
- submenuDirection

## 7.2 TreeView

### Basic Configuration

- accessKey
- activeStateEnabled
- disabled
- elementAttr
- focusStateEnabled
- height
- hint
- hoverStateEnabled
- rtlEnabled
- tabIndex
- visible
- width

### Treeview Main Properties

- expandAllEnabled
- expandedExpr
- expandEvent
- expandNodesRecursive
- noDataText

### Data Source Configuration

- dataSource

- dataStructure
- disabledExpr
- displayExpr
- hasItemsExpr
- items
- itemsExpr
- itemTemplate
- keyExpr
- parentIdExpr
- rootValue

### Basic Methods

- onContentReady
- onInitialized
- onDisposing
- onOptionChanged

### Selection Properties

- onSelectAllValueChanged
- onSelectionChanged
- selectAllText
- selectByClick
- selectedExpr
- selectionMode
- selectNodesRecursive
- showCheckBoxesMode

### TreeView Item Methods

- itemHoldTimeout
- onItemClick
- onItemCollapsed
- onItemContextMenu
- onItemExpanded
- onItemHold
- onItemRendered
- onItemSelectionChanged

### Style, Animation Properties

- animationEnabled
- scrollDirection
- useNativeScrolling

### Virtual Node Creating Method & Properties

- createChildren
- virtualModeEnabled

## Search Options

- searchEditorOptions :- dxTextBox
- searchEnabled
- searchExpr
- searchMode
- searchTimeout
- searchValue