

A versatile menu for navigation.

When To Use

Navigation is an important part of any website, as a good navigation setup allows users to move around the site quickly and efficiently. Ant Design offers two navigation options: top and side. Top navigation provides all the categories and functions of the website. Side navigation provides the multi-level structure of the website.

More layouts with navigation: [Layout](#).

Notes for developers

- Menu is rendered as a `ul` element, so it only supports [li and script-supporting elements](#) as children nodes. Your customized node should be wrapped by `Menu.Item`.
- Menu needs to collect its node structure, so its children should be `Menu.*` or encapsulated HOCs.

API

```
<Menu>
  <Menu.Item>Menu</Menu.Item>
  <SubMenu title="SubMenu">
    <Menu.Item>SubMenuItem</Menu.Item>
  </SubMenu>
</Menu>
```

Menu

Param	Description	Type	Default value	Version
defaultOpenKeys	Array with the keys of default opened sub menus	string[]	-	
defaultSelectedKeys	Array with the keys of default selected menu items	string[]	-	
expandIcon	custom expand icon of submenu	ReactNode (props: SubMenuProps & { isSubMenu: boolean }) => ReactNode	-	4.9.0
forceSubMenuRender	Render submenu into DOM before it becomes visible	boolean	false	
inlineCollapsed	Specifies the collapsed status when menu is inline mode	boolean	-	

inlineIndent	Indent (in pixels) of inline menu items on each level	number	24	
mode	Type of menu	vertical horizontal inline	vertical	
multiple	Allows selection of multiple items	boolean	false	
openKeys	Array with the keys of currently opened sub-menus	string[]	-	
overflowedIndicator	Customized the ellipsis icon when menu is collapsed horizontally	ReactNode	<EllipsisOutlined />	
selectable	Allows selecting menu items	boolean	true	
selectedKeys	Array with the keys of currently selected menu items	string[]	-	
style	Style of the root node	CSSProperties	-	
subMenuCloseDelay	Delay time to hide submenu when mouse leaves (in seconds)	number	0.1	
subMenuOpenDelay	Delay time to show submenu when mouse enters, (in seconds)	number	0	
theme	Color theme of the menu	light dark	light	
triggerSubMenuAction	Which action can trigger submenu open/close	hover click	hover	
onClick	Called when a menu item is clicked	function({ item, key, keyPath, domEvent })	-	
onDeselect	Called when a	function({ item, key,	-	

	menu item is deselected (multiple mode only)	keyPath, selectedKeys, domEvent })		
onOpenChange	Called when sub-menus are opened or closed	function(openKeys: string[])	-	
onSelect	Called when a menu item is selected	function({ item, key, keyPath, selectedKeys, domEvent })	-	

More options in [rc-menu](#)

Menu.Item

Param	Description	Type	Default value	Version
danger	Display the danger style	boolean	false	4.3.0
disabled	Whether menu item is disabled	boolean	false	
icon	The icon of the menu item	ReactNode	-	4.2.0
key	Unique ID of the menu item	string	-	
title	Set display title for collapsed item	string	-	

Note: `icon` is a newly added prop in `4.2.0`. For previous versions, please use the following method to define the icon.

```

<Menu.Item>
  <PieChartOutlined />
  <span>Option 1</span>
</Menu.Item>
<Menu.SubMenu
  title={
    <>
      <PieChartOutlined />
      <span>Option 2</span>
    </>
  }
>
  ...
</Menu.SubMenu>

```

Menu.SubMenu

Param | Description | Type | Default value | Version | --- | --- | --- | --- | --- | --- | children | Sub-menus or sub-menu items | Array<MenuItem | SubMenu> | - | disabled | Whether sub-menu is disabled | boolean | false | icon | Icon of sub menu | ReactNode | - | 4.2.0 | key | Unique ID of the sub-menu | string | - | popupClassName | Sub-menu class name, not working when `mode="inline"` | string | - | popupOffset | Sub-menu offset, not working when

`mode="inline"` | [number, number] | - | | | title | Title of sub menu | `ReactNode` | - | | | theme | Color theme of the SubMenu (inherits from Menu by default) | | `light` | `dark` | - | 4.19.0 | | `onTitleClick` | Callback executed when the sub-menu title is clicked | `function({ key, domEvent })` | - | |

Menu.ItemGroup

Param	Description	Type	Default value	Version
children	Sub-menu items	<code>MenuItem[]</code>	-	
title	The title of the group	<code>ReactNode</code>	-	

Menu.Divider

Divider line in between menu items, only used in vertical popup Menu or Dropdown Menu.

Param	Description	Type	Default value	Version
dashed	Whether line is dashed	boolean	false	4.17.0

FAQ

Why will Menu's children be rendered twice?

Menu collects structure info with [twice-render](#) to support HOC usage. Merging into one render may cause the logic to become much more complex. Contributions to help improve the collection logic are welcomed.