Select

Select component to select value from options.

When To Use

- A dropdown menu for displaying choices - an elegant alternative to the native `<select>` element.
- Utilizing Radio is recommended when there are fewer total options (less than 5).

API

```
<Select>
  <Option value="lucy">lucy</Option>
</Select>
```

Select props

Property	Description	Type	Default	Version
allowClear	Show clear button	boolean	false	
autoClearSearchValue	Whether the current search will be cleared on selecting an item. Only applies when `mode` is set to `multiple` or `tags`	boolean	true	
autoFocus	Get focus by default	boolean	false	
bordered	Whether has border style	boolean	true	

Property	Description	Type	Default	Version
clearIcon	The custom clear icon	ReactNode	-	
defaultActiveFirstOption	Whether active first option by default	boolean	true	
defaultOpen	Initial open state of dropdown	boolean	-	
defaultValue	Initial selected option	string | string[]number | number[]LabeledValue | LabeledValue[]	-	
disabled	Whether disabled select	boolean	false	
dropdownClassName	The className of dropdown menu	string	-	
dropdownMatchSelectWidth	Determine whether the dropdown menu and the select input are the same width. Default set `min-width` same as input. Will ignore when value less than select width. `false` will disable virtual scroll	boolean | number	true	
dropdownRender	Customize dropdown content	(originNode: ReactNode) => ReactNode	-	

Property	Description	Type	Default	Version
dropdownStyle	The style of dropdown menu	CSSProperties	-	
fieldNames	Customize node label, value, options field name	object	{ label: `label`, value: `value`, options: `options` }	4.17.0
filterOption	If true, filter options by input, if function, filter options against it. The function will receive two arguments, `inputValue` and `option`, if the function returns `true`, the option will be included in the filtered set; Otherwise, it will be excluded	boolean | function(inputValue, option)	true	
filterSort	Sort function for search options sorting, see Array.sort's compare-Function	(optionA: Option, optionB: Option) => number	-	4.9.0

Property	Description	Type	Default	Version
getPopupContainer	Parent Node which the selector should be rendered to. Default to `body`. When position issues happen, try to modify it into scrollable content and position it relative. Example	function(triggerNode)	() => document.body	
labelInValue	Whether to embed label in value, turn the format of value from `string` to { value: string, label: ReactNode }	boolean	false	
listHeight	Config popup height	number	256	
loading	Indicate loading state	boolean	false	
maxTagCount	Max tag count to show. `responsive` will cost render performance	number | `responsive`	-	responsive: 4.10
maxTagPlaceholder	Placeholder for not showing tags	ReactNode | function(omittedValues)	-	
maxTagTextLength	Max tag text length to show	number	-	

Property	Description	Type	Default	Version
menuItemSelectedIcon	The custom menuItemSelected icon with multiple options	ReactNode	-	
mode	Set mode of Select	`multiple | tags`	-	
notFoundContent	Specify content to show when no result matches	ReactNode	`Not Found`	
open	Controlled open state of dropdown	boolean	-	
optionFilterProp	Which prop value of option will be used for filter if filterOption is true. If `options` is set, it should be set to `label`	string	`value`	
optionLabelProp	Which prop value of option will render as content of select. Example	string	`children`	
options	Select options. Will get better perf than jsx definition	{ label, value }[]	-	
placeholder	Placeholder of select	ReactNode	-	
placement	The position where the selection box pops up	`bottomLeft` `bottomRight` `topLeft` `topRight`	bottomLeft	

Property	Description	Type	Default	Version
removeIcon	The custom remove icon	ReactNode	-	
searchValue	The current input "search" text	string	-	
showArrow	Whether to show the drop-down arrow	boolean	true(for single select), false(for multiple select)	
showSearch	Whether show search input in single mode	boolean	false	
size	Size of Select input	`large | middle | small`	`middle`	
status	Set validation status	'error' | 'warning'	-	4.19.0
suffixIcon	The custom suffix icon	ReactNode	-	
tagRender	Customize tag render, only applies when `mode` is set to `multiple` or `tags`	(props) => ReactNode	-	
tokenSeparators	Separator used to tokenize on `tag` and `multiple` mode	string[]	-	
value	Current selected option (considered as a immutable array)	string | string[]number | number[]LabeledValue | LabeledValue[]	-	
virtual	Disable virtual scroll when set to false	boolean	true	4.1.0

Property	Description	Type	Default	Version
onBlur	Called when blur	function	-	
onChange	Called when select an option or input value change	function(value, option:Option | Array<Option>)	-	
onClear	Called when clear	function	-	4.6.0
onDeselect	Called when an option is deselected, param is the selected option's value. Only called for `multiple` or `tags`, effective in multiple or tags mode only	function(string | number | LabeledValue)	-	
onDropdownVisibleChange	Called when dropdown open	function(open)	-	
onFocus	Called when focus	function	-	
onInputKeyDown	Called when key pressed	function	-	
onMouseEnter	Called when mouse enter	function	-	
onMouseLeave	Called when mouse leave	function	-	
onPopupScroll	Called when dropdown scrolls	function	-	
onSearch	Callback function that is fired when input changed	function(value: string)	-	

Property	Description	Type	Default	Version
onSelect	Called when an option is selected, the params are option's value (or key) and option instance	function(string | number | Labeled-Value, option: Option)	-	

Note, if you find that the drop-down menu scrolls with the page, or you need to trigger Select in other popup layers, please try to use `getPopupContainer={triggerNode => triggerNode.parentElement}` to fix the drop-down popup rendering node in the parent element of the trigger .

Select Methods

Name	Description	Version
blur()	Remove focus	
focus()	Get focus	

Option props

Property	Description	Type	Default	Version
className	The additional class to option	string	-	
disabled	Disable this option	boolean	false	
title	`title` attribute of Select Option	string	-	
value	Default to filter with this property	string | number	-	

OptGroup props

Property	Description	Type	Default	Version
key	Group key	string	-	
label	Group label	string | React.Element	-	

FAQ

Why sometime search will show 2 same option when in `tag` mode?

It's caused by option with different `label` and `value`. You can use `optionFilterProp="label"` to change filter logic instead.

The dropdown is closed when click `dropdownRender` area?

Dropdown menu will be closed if click `dropdownRender` area, you can prevent it by wrapping `onMouseDown={e => e.preventDefault()}` (see more at #13448).

Why sometime customize Option cause scroll break?

Virtual scroll internal set item height as `32px`. You need to adjust `listItemHeight` when your option height is less and `listHeight` config list container height:

```
<Select listItemHeight={10} listHeight={250} />
```

Note: `listItemHeight` and `listHeight` are internal props. Please only modify when necessary.

Why a11y test report missing `aria-` props?

Select only create a11y auxiliary node when operating on. Please open Select and retry. For `aria-label` & `aria-labelledby` miss warning, please add related prop to Select with your own requirement.