AutoComplete

Autocomplete function of input field.

When To Use

- When you need an input box instead of a selector.
- When you need input suggestions or helping text.

The differences with Select are:

- AutoComplete is an input box with text hints, and users can type freely. The keyword is aiding **input**.
- Select is selecting among given choices. The keyword is **select**.

API

Property	Description	Type	Default	Version
allowClear	Show clear button	boolean	false	
autoFocus	If get focus when component mounted	boolean	false	
backfill	If backfill selected item the input when using keyboard	boolean	false	
children (for customize input element)	Customize input element	HTMLInputElement | HTMLTextAreaElement | React.ReactElement<InputProps>	<Input />	
children (for dataSource)	Data source to auto complete	React.ReactElement<OptionProps> | Array<React.ReactElement<OptionProps»>	-	

Property	Description	Type	Default	Version
defaultActiveFirstOption	Whether active first option by default	boolean	true	
defaultOpen	Initial open state of dropdown	boolean	-	
defaultValue	Initial selected option	string	-	
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	

Property	Description	Type	Default	Version
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	
notFoundContent	Specify content to show when no result matches	string	`Not Found`	
open	Controlled open state of dropdown	boolean	-	
options	Select options. Will get better perf than jsx definition	{ label, value }[]	-	
placeholder	The placeholder of input	string	-	
status	Set validation status	'error' | 'warning'	-	4.19.0
value	Selected option	string	-	

Property	Description	Type	Default	Version
onBlur	Called when leaving the component	function()	-	
onChange	Called when select an option or input value change, or value of input is changed	function(value)	-	
onDropdownVisibleChange	Called when dropdown open	function(open)	-	
onFocus	Called when entering the component	function()	-	
onSearch	Called when searching items	function(value)	-	
onSelect	Called when a option is selected. param is option's value and option instance	function(value, option)	-	
onClear	Called when clear	function	-	4.6.0

Methods

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

FAQ

Why doesn't the text composition system work well with onSearch in controlled mode?

Please use `onChange` to manage control state. `onSearch` is used for searching input which is not the same as `onChange`. Besides, clicking on the option will not trigger the `onSearch` event.

Related issue: #18230 #17916

Part of the api in v3 are not available in v4?

AutoComplete is an Input component that supports auto complete tips. As such, it should not support props like `labelInValue` that affect value display. In v3, the AutoComplete implementation can not handle the case where the `value` and `label` are identical. v4 not longer support `label` as the value input.

Besides, to unify the API, `dataSource` is replaced with `options`. You can migrate with the following change:

v3

```
dataSource = ['light', 'bamboo'];
// or
dataSource = [
  { value: 'light', text: 'Light' },
  { value: 'bamboo', text: 'Bamboo' },
];
```

v4

```
options = [
  { value: 'light', label: 'Light' },
  { value: 'bamboo', label: 'Bamboo' },
];
```