何时使用 {#when-to-use}

- 弹出一个下拉菜单给用户选择操作,用于代替原生的选择器,或者需要一个更优雅的多选器时。
- 当选项少时(少于 5 项),建议直接将选项平铺,使用 Radio 是更好的选择。
- 如果你在寻找一个可输可选的输入框,那你可能需要 AutoComplete。

用法升级 5.11.0+

:::warning{title="升级提示"} 在 5.11.0 版本后,我们提供了 <Select options={[...]} /> 的简写方式,有更好的性能和更方便的数据组织方式,开发者不再需要自行拼接 JSX。 同时我们废弃了原先的写法,你还是可以在 5.x 继续使用,但会在控制台看到警告,并会在 6.0 后移除。 :::

代码演示

基本使用

```
import React from 'react';
import { Select, Space } from 'antd';
const handleChange = (value: string) => {
 console.log(`selected ${value}`);
};
const App: React.FC = () => (
  <Space wrap>
    <Select
      defaultValue="lucy"
      style={{ width: 120 }}
      onChange={handleChange}
      options={[
        { value: 'jack', label: 'Jack' },
        { value: 'lucy', label: 'Lucy' },
        { value: 'Yiminghe', label: 'yiminghe' },
        { value: 'disabled', label: 'Disabled', disabled: true },
     ]}
    />
```

```
<Select
      defaultValue="lucy"
      style={{ width: 120 }}
      disabled
      options={[{ value: 'lucy', label: 'Lucy' }]}
    />
    <Select
      defaultValue="lucy"
      style={{ width: 120 }}
     loading
      options={[{ value: 'lucy', label: 'Lucy' }]}
    />
    <Select
      defaultValue="lucy"
      style={{ width: 120 }}
      allowClear
      options={[{ value: 'lucy', label: 'Lucy' }]}
      placeholder="select it"
    />
 </Space>
):
export default App;
```

带搜索框

```
import React from 'react';
import { Select } from 'antd';
const onChange = (value: string) => {
 console.log(`selected ${value}`);
};
const onSearch = (value: string) => {
 console.log('search:', value);
};
const App: React.FC = () => (
 <Select
    showSearch
    placeholder="Select a person"
    optionFilterProp="label"
    onChange={onChange}
    onSearch={onSearch}
    options={[
      {
```

```
value: 'jack',
    label: 'Jack',
},
{
    value: 'lucy',
    label: 'Lucy',
},
{
    value: 'tom',
    label: 'Tom',
},
]}
/>
export default App;
```

自定义搜索

```
import React from 'react';
import { Select } from 'antd';
const App: React.FC = () => (
 <Select
    showSearch
    placeholder="Select a person"
    filterOption={(input, option) =>
      (option?.label ?? '').toLowerCase().includes(input.toLowerCase())
    }
    options={[
      { value: '1', label: 'Jack' },
      { value: '2', label: 'Lucy' },
      { value: '3', label: 'Tom' },
   ]}
 />
);
export default App;
```

多选

```
import React from 'react';
import { Select, Space } from 'antd';
import type { SelectProps } from 'antd';
```

```
const options: SelectProps['options'] = [];
for (let i = 10; i < 36; i++) {
  options.push({
   label: i.toString(36) + i,
   value: i.toString(36) + i,
 });
}
const handleChange = (value: string[]) => {
  console.log(`selected ${value}`);
};
const App: React.FC = () => (
  <Space style={{ width: '100%' }} direction="vertical">
    <Select
      mode="multiple"
      allowClear
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      onChange={handleChange}
      options={options}
    />
    <Select
      mode="multiple"
      disabled
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      onChange={handleChange}
      options={options}
   />
  </Space>
);
export default App;
```

三种大小

```
import React, { useState } from 'react';
import { Radio, Select, Space } from 'antd';
import type { ConfigProviderProps, RadioChangeEvent, SelectProps } from
'antd';

type SizeType = ConfigProviderProps['componentSize'];
```

```
const options: SelectProps['options'] = [];
for (let i = 10; i < 36; i++) {
 options.push({
   value: i.toString(36) + i,
   label: i.toString(36) + i,
 });
}
const handleChange = (value: string | string[]) => {
  console.log(`Selected: ${value}`);
};
const App: React.FC = () => {
  const [size, setSize] = useState<SizeType>('middle');
  const handleSizeChange = (e: RadioChangeEvent) => {
   setSize(e.target.value);
  };
  return (
      <Radio.Group value={size} onChange={handleSizeChange}>
        <Radio.Button value="large">Large</Radio.Button>
        <Radio.Button value="middle">Default</Radio.Button>
        <Radio.Button value="small">Small/Radio.Button>
      </Radio.Group>
      <br />
      <br />
      <Space direction="vertical" style={{ width: '100%' }}>
        <Select
          size={size}
          defaultValue="a1"
          onChange={handleChange}
          style={{ width: 200 }}
          options={options}
        />
        <Select
          mode="multiple"
          size={size}
          placeholder="Please select"
          defaultValue={['a10', 'c12']}
          onChange={handleChange}
          style={{ width: '100%' }}
          options={options}
```

自定义下拉选项

```
import React from 'react';
import { Select, Space } from 'antd';
const handleChange = (value: string[]) => {
 console.log(`selected ${value}`);
};
const options = [
 {
   label: 'China',
   value: 'china',
   emoji: '■',
   desc: 'China (中国)',
 },
   label: 'USA',
   value: 'usa',
   emoji: ''',
   desc: 'USA (美国)',
  },
   label: 'Japan',
   value: 'japan',
   emoji: ''',
   desc: 'Japan (日本)',
 },
  {
```

```
label: 'Korea',
    value: 'korea',
   emoji: '',
   desc: 'Korea (韩国)',
 },
];
const App: React.FC = () => (
 <Select
    mode="multiple"
    style={{ width: '100%' }}
    placeholder="select one country"
    defaultValue={['china']}
    onChange={handleChange}
    options={options}
    optionRender={(option) => (
      <Space>
        <span role="img" aria-label={option.data.label}>
          {option.data.emoji}
        </span>
        {option.data.desc}
      </Space>
   )}
  />
);
export default App;
```

带排序的搜索

```
label: 'Not Identified',
      },
      {
        value: '2',
        label: 'Closed',
      },
        value: '3',
        label: 'Communicated',
      },
      {
        value: '4',
        label: 'Identified',
      },
        value: '5',
        label: 'Resolved',
      },
      {
        value: '6',
        label: 'Cancelled',
      },
   ]}
  />
);
export default App;
```

标签

```
import React from 'react';
import { Select } from 'antd';
import type { SelectProps } from 'antd';

const options: SelectProps['options'] = [];

for (let i = 10; i < 36; i++) {
  options.push({
    value: i.toString(36) + i,
    label: i.toString(36) + i,
  });
}

const handleChange = (value: string[]) => {
  console.log(`selected ${value}`);
};
```

分组

```
import React from 'react';
import { Select } from 'antd';
const handleChange = (value: string) => {
  console.log(`selected ${value}`);
};
const App: React.FC = () => (
  <Select
    defaultValue="lucy"
    style={{ width: 200 }}
    onChange={handleChange}
    options={[
      {
        label: <span>manager</span>,
        title: 'manager',
        options: [
          { label: <span>Jack</span>, value: 'Jack' },
          { label: <span>Lucy</span>, value: 'Lucy' },
        ],
      },
      {
        label: <span>engineer</span>,
        title: 'engineer',
        options: [
          { label: <span>Chloe</span>, value: 'Chloe' },
          { label: <span>Lucas</span>, value: 'Lucas' },
        ],
      },
    ]}
  />
```

```
export default App;
```

联动

```
import React, { useState } from 'react';
import { Select, Space } from 'antd';
const cityData = {
  Zhejiang: ['Hangzhou', 'Ningbo', 'Wenzhou'],
 Jiangsu: ['Nanjing', 'Suzhou', 'Zhenjiang'],
};
type CityName = keyof typeof cityData;
const provinceData: CityName[] = ['Zhejiang', 'Jiangsu'];
const App: React.FC = () => {
  const [cities, setCities] = useState(cityData[provinceData[0] as
CityName]);
  const [secondCity, setSecondCity] = useState(cityData[provinceData[0]][0]
as CityName);
  const handleProvinceChange = (value: CityName) => {
    setCities(cityData[value]);
    setSecondCity(cityData[value][0] as CityName);
  };
  const onSecondCityChange = (value: CityName) => {
    setSecondCity(value);
  };
  return (
    <Space wrap>
      <Select
        defaultValue={provinceData[0]}
        style={{ width: 120 }}
        onChange={handleProvinceChange}
        options={provinceData.map((province) => ({ label: province, value:
province }))}
      />
      <Select
        style={{ width: 120 }}
        value={secondCity}
        onChange={onSecondCityChange}
```

```
options={cities.map((city) => ({ label: city, value: city }))}
    />
    </Space>
);
};
export default App;
```

搜索框

```
/* eslint-disable compat/compat */
import React, { useState } from 'react';
import { Select } from 'antd';
import type { SelectProps } from 'antd';
import type { AnyObject } from 'antd/es/_util/type';
let timeout: ReturnType<typeof setTimeout> | null;
let currentValue: string:
const toURLSearchParams = <T extends AnyObject>(record: T) => {
  const params = new URLSearchParams();
 for (const [key, value] of Object.entries(record)) {
    params.append(key, value);
  }
  return params;
};
const fetchData = (value: string, callback: (data: { value: string; text:
string }[]) => void) => {
 if (timeout) {
    clearTimeout(timeout);
    timeout = null;
  currentValue = value;
  const params = toURLSearchParams({ code: 'utf-8', q: value });
  const fake = () => {
    fetch(`https://suggest.taobao.com/sug?${params.toString()}`)
      .then((response) => response.json())
      .then(({ result }) => {
        if (currentValue === value) {
          const data = result.map((item: any) => ({ value: item[0], text:
item[0] }));
          callback(data);
        }
```

```
});
  }:
  if (value) {
    timeout = setTimeout(fake, 300);
  } else {
    callback([]);
  }
};
const SearchInput: React.FC<{ placeholder: string; style:</pre>
React.CSSProperties }> = (props) => {
  const [data, setData] = useState<SelectProps['options']>([]);
  const [value, setValue] = useState<string>();
  const handleSearch = (newValue: string) => {
    fetchData(newValue, setData);
  };
  const handleChange = (newValue: string) => {
    setValue(newValue);
  }:
  return (
    <Select
      showSearch
      value={value}
      placeholder={props.placeholder}
      style={props.style}
      defaultActiveFirstOption={false}
      suffixIcon={null}
      filterOption={false}
      onSearch={handleSearch}
      onChange={handleChange}
      notFoundContent={null}
      options={(data || []).map((d) => ({
        value: d.value,
        label: d.text,
      }))}
    />
  );
};
const App: React.FC = () => <SearchInput placeholder="input search text"</pre>
style={{ width: 200 }} />;
export default App;
```

获得选项的文本

```
import React from 'react';
import { Select } from 'antd';
const handleChange = (value: { value: string; label: React.ReactNode }) =>
 console.log(value); // { value: "lucy", key: "lucy", label: "Lucy (101)"
}
};
const App: React.FC = () => (
 <Select
    labelInValue
    defaultValue={{ value: 'lucy', label: 'Lucy (101)' }}
    style={{ width: 120 }}
    onChange={handleChange}
    options={[
      {
        value: 'jack',
        label: 'Jack (100)',
      },
      {
        value: 'lucy',
        label: 'Lucy (101)',
     },
    ]}
  />
);
export default App;
```

自动分词

```
import React from 'react';
import { Select } from 'antd';
import type { SelectProps } from 'antd';

const options: SelectProps['options'] = [];

for (let i = 10; i < 36; i++) {
   options.push({
    value: i.toString(36) + i,
    label: i.toString(36) + i,
  });</pre>
```

```
const handleChange = (value: string[]) => {
  console.log(`selected ${value}`);
};

const App: React.FC = () => (
  <Select
    mode="tags"
    style={{ width: '100%' }}
    onChange={handleChange}
    tokenSeparators={[',']}
    options={options}
    />
);

export default App;
```

搜索用户

```
import React, { useMemo, useRef, useState } from 'react';
import { Select, Spin } from 'antd';
import type { SelectProps } from 'antd';
import debounce from 'lodash/debounce';
export interface DebounceSelectProps<ValueType = any>
  extends Omit<SelectProps<ValueType | ValueType[]>, 'options' |
'children'> {
  fetchOptions: (search: string) => Promise<ValueType[]>;
  debounceTimeout?: number;
}
function DebounceSelect<</pre>
  ValueType extends { key?: string; label: React.ReactNode; value: string |
number } = any,
>({ fetchOptions, debounceTimeout = 800, ...props }:
DebounceSelectProps<ValueType>) {
  const [fetching, setFetching] = useState(false);
  const [options, setOptions] = useState<ValueType[]>([]);
  const fetchRef = useRef(0);
  const debounceFetcher = useMemo(() => {
    const loadOptions = (value: string) => {
      fetchRef.current += 1;
      const fetchId = fetchRef.current;
      setOptions([]);
```

```
setFetching(true);
      fetchOptions(value).then((newOptions) => {
        if (fetchId !== fetchRef.current) {
          // for fetch callback order
          return;
        setOptions(newOptions);
        setFetching(false);
     });
    };
    return debounce(loadOptions, debounceTimeout);
  }, [fetchOptions, debounceTimeout]);
  return (
    <Select
      labelInValue
      filterOption={false}
      onSearch={debounceFetcher}
      notFoundContent={fetching ? <Spin size="small" /> : null}
      {...props}
      options={options}
   />
 );
// Usage of DebounceSelect
interface UserValue {
  label: string;
  value: string;
}
async function fetchUserList(username: string): Promise<UserValue[]> {
  console.log('fetching user', username);
  return fetch('https://randomuser.me/api/?results=5')
    .then((response) => response.json())
    .then((body) =>
      body.results.map(
        (user: { name: { first: string; last: string }; login: { username:
string } }) => ({
         label: `${user.name.first} ${user.name.last}`,
          value: user.login.username,
        }),
```

```
),
    );
}
const App: React.FC = () => {
  const [value, setValue] = useState<UserValue[]>([]);
  return (
    <DebounceSelect
      mode="multiple"
      value={value}
      placeholder="Select users"
      fetchOptions={fetchUserList}
      style={{ width: '100%' }}
      onChange={(newValue) => {
        if (Array.isArray(newValue)) {
          setValue(newValue);
        }
     }}
    />
  );
};
export default App;
```

前后缀

v5.22.0

```
import React from 'react';
import { MehOutlined, SmileOutlined } from '@ant-design/icons';
import { Select, Space } from 'antd';

const smileIcon = <SmileOutlined />;
const mehIcon = <MehOutlined />;

const handleChange = (value: string | string[]) => {
    console.log(`selected ${value}`);
};

const App: React.FC = () => (
    <Space wrap>
    <Select
    prefix="User"
    defaultValue="lucy"
    style={{ width: 200 }}</pre>
```

```
onChange={handleChange}
  options={[
    { value: 'jack', label: 'Jack' },
    { value: 'lucy', label: 'Lucy' },
    { value: 'Yiminghe', label: 'yiminghe' },
    { value: 'disabled', label: 'Disabled', disabled: true },
 1}
/>
<Select
  suffixIcon={smileIcon}
  defaultValue="lucy"
  style={{ width: 120 }}
  onChange={handleChange}
  options={[
    { value: 'jack', label: 'Jack' },
    { value: 'lucy', label: 'Lucy' },
    { value: 'Yiminghe', label: 'yiminghe' },
    { value: 'disabled', label: 'Disabled', disabled: true },
 ]}
/>
<Select
  suffixIcon={mehIcon}
  defaultValue="lucy"
 style={{ width: 120 }}
 disabled
 options={[{ value: 'lucy', label: 'Lucy' }]}
/>
<br />
<Select
 prefix="User"
  defaultValue={['lucy']}
  mode="multiple"
  style={{ width: 200 }}
  onChange={handleChange}
  options={[
   { value: 'jack', label: 'Jack' },
   { value: 'lucy', label: 'Lucy' },
    { value: 'Yiminghe', label: 'yiminghe' },
    { value: 'disabled', label: 'Disabled', disabled: true },
 ]}
/>
<Select
  suffixIcon={smileIcon}
  defaultValue={['lucy']}
 mode="multiple"
  style={{ width: 120 }}
```

```
onChange={handleChange}
      options={[
        { value: 'jack', label: 'Jack' },
        { value: 'lucy', label: 'Lucy' },
        { value: 'Yiminghe', label: 'yiminghe' },
        { value: 'disabled', label: 'Disabled', disabled: true },
     1}
    />
    <Select
      suffixIcon={mehIcon}
      defaultValue={['lucy']}
      mode="multiple"
      style={{ width: 120 }}
      disabled
      options={[{ value: 'lucy', label: 'Lucy' }]}
    />
  </Space>
);
export default App;
```

扩展菜单

```
import React, { useRef, useState } from 'react';
import { PlusOutlined } from '@ant-design/icons';
import { Button, Divider, Input, Select, Space } from 'antd';
import type { InputRef } from 'antd';
let index = 0;
const App: React.FC = () => {
  const [items, setItems] = useState(['jack', 'lucy']);
  const [name, setName] = useState('');
  const inputRef = useRef<InputRef>(null);
  const onNameChange = (event: React.ChangeEvent<HTMLInputElement>) => {
    setName(event.target.value);
  };
  const addItem = (e: React.MouseEvent<HTMLButtonElement |</pre>
HTMLAnchorElement>) => {
    e.preventDefault();
    setItems([...items, name || `New item ${index++}`]);
    setName('');
    setTimeout(() => {
      inputRef.current?.focus();
```

```
}, 0);
  };
  return (
    <Select
      style={{ width: 300 }}
      placeholder="custom dropdown render"
      dropdownRender={(menu) => (
        <>
          {menu}
          <Divider style={{ margin: '8px 0' }} />
          <Space style={{ padding: '0 8px 4px' }}>
              placeholder="Please enter item"
              ref={inputRef}
              value={name}
              onChange={onNameChange}
              onKeyDown={(e) => e.stopPropagation()}
            />
            <Button type="text" icon={<PlusOutlined />} onClick={addItem}>
              Add item
            </Button>
          </Space>
        </>
      )}
      options={items.map((item) => ({ label: item, value: item }))}
    />
  );
};
export default App;
```

隐藏已选择选项

```
import React, { useState } from 'react';
import { Select } from 'antd';

const OPTIONS = ['Apples', 'Nails', 'Bananas', 'Helicopters'];

const App: React.FC = () => {
  const [selectedItems, setSelectedItems] = useState<string[]>([]);

const filteredOptions = OPTIONS.filter((o) =>
!selectedItems.includes(o));

return (
```

形态变体

v5.13.0

```
import React from 'react';
import { Flex, Select } from 'antd';
const App: React.FC = () => (
 <Flex gap={12} vertical>
    <Flex gap={8}>
      <Select
        placeholder="Outlined"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
      <Select
        mode="multiple"
        defaultValue={['lucy']}
        placeholder="Outlined"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
```

```
</Flex>
<Flex gap={8}>
  <Select
    placeholder="Filled"
    variant="filled"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
   ]}
  />
  <Select
    mode="multiple"
    defaultValue={['lucy']}
    placeholder="Filled"
    variant="filled"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
     { value: 'lucy', label: 'Lucy' },
     { value: 'Yiminghe', label: 'yiminghe' },
   1}
  />
</Flex>
<Flex gap={8}>
  <Select
    placeholder="Borderless"
    variant="borderless"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
   ]}
  />
  <Select
    mode="multiple"
    defaultValue={['lucy']}
    placeholder="Borderless"
    variant="borderless"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
```

```
]}
      />
    </Flex>
    <Flex gap={8}>
      <Select
        placeholder="Underlined"
        variant="underlined"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
      <Select
        mode="multiple"
        defaultValue={['lucy']}
        placeholder="Underlined"
        variant="underlined"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
    </Flex>
 </Flex>
);
export default App;
```

Filled debug

```
style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
    1}
  />
  <Select
   value="lucy"
    disabled
    mode="multiple"
    variant="filled"
    placeholder="Outlined"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
     { value: 'Yiminghe', label: 'yiminghe' },
   ]}
  />
</Flex>
<Flex gap={8}>
 <Select
   value="lucy"
    status="error"
    variant="filled"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
   ]}
  />
  <Select
    value="lucy"
    status="error"
    mode="multiple"
    variant="filled"
    placeholder="Outlined"
    style={{ flex: 1 }}
    options={[
      { value: 'jack', label: 'Jack' },
      { value: 'lucy', label: 'Lucy' },
      { value: 'Yiminghe', label: 'yiminghe' },
   ]}
  />
```

```
</Flex>
    <Flex gap={8}>
      <Select
        disabled
        value="lucy"
        status="error"
        variant="filled"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
      <Select
        disabled
        value="lucy"
        status="error"
        mode="multiple"
        variant="filled"
        placeholder="Outlined"
        style={{ flex: 1 }}
        options={[
          { value: 'jack', label: 'Jack' },
          { value: 'lucy', label: 'Lucy' },
          { value: 'Yiminghe', label: 'yiminghe' },
        ]}
      />
    </Flex>
 </Flex>
);
export default App;
```

自定义选择标签

```
import React from 'react';
import { Select, Tag } from 'antd';
import type { SelectProps } from 'antd';

type TagRender = SelectProps['tagRender'];

const options: SelectProps['options'] = [
    { value: 'gold' },
    { value: 'lime' },
    { value: 'green' },
```

```
{ value: 'cyan' },
];
const tagRender: TagRender = (props) => {
  const { label, value, closable, onClose } = props;
  const onPreventMouseDown = (event: React.MouseEvent<HTMLSpanElement>) =>
{
   event.preventDefault();
   event.stopPropagation();
 };
  return (
    <Tag
      color={value}
      onMouseDown={onPreventMouseDown}
      closable={closable}
      onClose={onClose}
      style={{ marginInlineEnd: 4 }}
      {label}
   </Tag>
  );
};
const App: React.FC = () => (
 <Select
    mode="multiple"
    tagRender={tagRender}
    defaultValue={['gold', 'cyan']}
    style={{ width: '100%' }}
   options={options}
 />
);
export default App;
```

自定义选中 label

```
import React from 'react';
import { Select } from 'antd';
import type { SelectProps } from 'antd';

type LabelRender = SelectProps['labelRender'];

const options = [
    { label: 'gold', value: 'gold' },
    { label: 'lime', value: 'lime' },
```

```
{ label: 'green', value: 'green' },
    { label: 'cyan', value: 'cyan' },
];

const labelRender: LabelRender = (props) => {
    const { label, value } = props;

    if (label) {
       return value;
    }
    return <span>No option match</span>;
};

const App: React.FC = () => (
    <Select labelRender={labelRender} defaultValue="1" style={{ width: '100%'}}
} options={options} />
);

export default App;
```

响应式 maxTagCount

```
import React, { useState } from 'react';
import type { SelectProps } from 'antd';
import { Select, Space, Tooltip } from 'antd';
interface ItemProps {
 label: string;
 value: string;
}
const options: ItemProps[] = [];
for (let i = 10; i < 36; i++) {
 const value = i.toString(36) + i;
 options.push({
   label: `Long Label: ${value}`,
   value,
 });
const sharedProps: SelectProps = {
  mode: 'multiple',
  style: { width: '100%' },
  options,
  placeholder: 'Select Item...',
```

```
maxTagCount: 'responsive',
};
const App: React.FC = () => {
  const [value, setValue] = useState(['a10', 'c12', 'h17', 'j19', 'k20']);
 const selectProps: SelectProps = {
   value,
   onChange: setValue,
 };
  return (
    <Space direction="vertical" style={{ width: '100%' }}>
      <Select {...sharedProps} {...selectProps} />
      <Select {...sharedProps} disabled />
      <Select
        {...sharedProps}
        {...selectProps}
        maxTagPlaceholder={(omittedValues) => (
          <Tooltip
            styles={{ root: { pointerEvents: 'none' } }}
            title={omittedValues.map(({ label }) => label).join(', ')}
            <span>Hover Me</span>
          </Tooltip>
        )}
      />
   </Space>
 );
};
export default App;
```

大数据

```
import React from 'react';
import type { SelectProps } from 'antd';
import { Select, Typography } from 'antd';

const { Title } = Typography;

const options: SelectProps['options'] = [];

for (let i = 0; i < 100000; i++) {
   const value = `${i.toString(36)}${i}`;
   options.push({</pre>
```

```
label: value,
    value,
    disabled: i === 10,
 });
}
const handleChange = (value: string[]) => {
 console.log(`selected ${value}`);
};
const App: React.FC = () => (
   <Title level={4}>{options.length} Items</Title>
   <Select
      mode="multiple"
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      onChange={handleChange}
      options={options}
   />
  </>
);
export default App;
```

自定义状态

弹出位置

```
import React, { useState } from 'react';
import type { RadioChangeEvent, SelectProps } from 'antd';
import { Radio, Select } from 'antd';
```

```
type SelectCommonPlacement = SelectProps['placement'];
const App: React.FC = () => {
  const [placement, SetPlacement] = useState<SelectCommonPlacement>
('topLeft');
  const placementChange = (e: RadioChangeEvent) => {
    SetPlacement(e.target.value);
  };
  return (
      <Radio.Group value={placement} onChange={placementChange}>
        <Radio.Button value="topLeft">topLeft</Radio.Button>
        <Radio.Button value="topRight">topRight/Radio.Button>
        <Radio.Button value="bottomLeft">bottomLeft</Radio.Button>
        <Radio.Button value="bottomRight">bottomRight</Radio.Button>
      </Radio.Group>
      <br />
      <br />
      <Select
        defaultValue="HangZhou"
        style={{ width: 120 }}
        popupMatchSelectWidth={false}
        placement={placement}
        options={[
          {
            value: 'HangZhou',
            label: 'HangZhou #310000',
          },
            value: 'NingBo',
            label: 'NingBo #315000',
          },
            value: 'WenZhou',
            label: 'WenZhou #325000',
          },
        ]}
      />
    </>
  );
};
export default App;
```

```
import React, { useState } from 'react';
import type { RadioChangeEvent, SelectProps } from 'antd';
import { Button, Radio, Select, Space, Switch } from 'antd';
type SelectCommonPlacement = SelectProps['placement'];
const randomOptions = (count?: number) => {
  const length = count ?? Math.floor(Math.random() * 5) + 1;
 // Random 1 \sim 5 options
  return Array.from({ length }).map((_, index) => ({
    value: index,
    label: `Option ${index}`,
 }));
};
const App: React.FC = () => {
  const [placement, SetPlacement] = useState<SelectCommonPlacement>
('topLeft');
  const [open, setOpen] = useState(false);
  const [options, setOptions] = useState(() => randomOptions(3));
  const placementChange = (e: RadioChangeEvent) => {
    SetPlacement(e.target.value);
  };
  return (
    <div
      style={{
        height: '100%',
        minHeight: 500,
        display: 'flex',
        flexDirection: 'column',
        justifyContent: 'center',
        alignItems: 'center',
        position: 'relative',
      }}
      <Space
        style={{
          position: 'absolute',
          top: 0,
```

```
insetInlineStart: '50%',
          transform: 'translateX(-50%)',
        }}
        <Radio.Group value={placement} onChange={placementChange}>
          <Radio.Button value="topLeft">TL</Radio.Button>
          <Radio.Button value="topRight">TR</Radio.Button>
          <Radio.Button value="bottomLeft">BL</Radio.Button>
          <Radio.Button value="bottomRight">BR</Radio.Button>
        </Radio.Group>
        <Switch checked={open} onChange={() => setOpen((o) => !o)} />
        <Button onClick={() => setOptions(randomOptions())}>Random</Button>
      </Space>
      <Select
        open={open}
        style={{ width: 120 }}
        placement={placement}
        options={options}
        popupMatchSelectWidth={200}
      />
    </div>
 );
};
export default App;
```

4.0 Debug

```
import React from 'react';
import { Button, Input, Select, Space } from 'antd';

const style: React.CSSProperties = {
  width: 500,
  position: 'relative',
  zIndex: 1,
  border: '1px solid red',
  backgroundColor: '#ffff',
};

const handleChange = (value: string | string[]) => {
  console.log(`selected ${value}`);
};
```

```
const App: React.FC = () => (
  <Space style={style} wrap>
    <Input style={{ width: 100 }} value="222" />
    <Select
      style={{ width: 120 }}
      onChange={handleChange}
      showSearch
      placeholder="233"
      options={[
        { value: 'jack', label: 'Jack' },
        { value: 'lucy', label: 'Lucy' },
        { value: 'disabled', disabled: true, label: 'Disabled' },
        { value: 'Yiminghe', label: 'yiminghe' },
        { value: 'long', label: 'I am super super long!' },
      1}
    />
    <Select
      mode="multiple"
      style={{ width: 120 }}
      defaultValue={['lucy']}
      onChange={handleChange}
      showSearch
      placeholder="233"
      options={[
        { value: 'jack', label: 'Jack' },
        { value: 'lucy', label: 'Lucy' },
        { value: 'disabled', disabled: true, label: 'Disabled' },
        { value: 'Yiminghe', label: 'yiminghe' },
        { value: 'long', label: 'I am super super long!' },
      ]}
    />
    <span className="debug-align">AntDesign</span>
    <Button>222</Button>
  </Space>
);
export default App;
```

_InternalPaneIDoNotUseOrYouWillBeFired

```
import React from 'react';
import { Select, Space, Switch } from 'antd';

const { _InternalPanelDoNotUseOrYouWillBeFired: InternalSelect } = Select;
```

```
const App: React.FC = () => {
  const [open, setOpen] = React.useState(true);
  return (
    <Space direction="vertical" style={{ display: 'flex' }}>
      <Switch checked={open} onChange={() => setOpen(!open)} />
      <InternalSelect
        defaultValue="lucy"
        style={{ width: 120 }}
        open={open}
        options={[
          { label: 'Jack', value: 'jack' },
          { label: 'Lucy', value: 'lucy' },
          { label: 'Disabled', value: 'disabled' },
          { label: 'Bamboo', value: 'bamboo' },
        1}
        virtual={false}
      />
    </Space>
 ):
};
export default App;
```

选项文本居中

```
import React from 'react';
import {
 AutoComplete,
 Cascader,
 Flex,
 Form,
  Input,
 Select,
 Space,
 TreeSelect,
 Typography,
} from 'antd';
const options = [
  { value: 'long', label: <Typography>long, long, long piece of
text</Typography> },
  { value: 'short', label: <Typography>short</Typography> },
```

```
{ value: 'normal', label: <div>normal</div> },
];
const App: React.FC = () => (
    <Space wrap>
      <Select
        defaultValue="long, long, long piece of text"
        style={{ width: 120 }}
        allowClear
        options={options}
      />
      <Select
        placeholder="Select a option"
        style={{ width: 120, height: 60 }}
        allowClear
        options={options}
      />
      <Select
        defaultValue="normal"
        placeholder="Select a option"
        style={{ width: 120 }}
        allowClear
        options={options}
      />
      <Select
        defaultValue={['normal']}
        mode="multiple"
        placeholder="Select a option"
        style={{ width: 120 }}
        allowClear
        options={options}
      />
      <Select
        mode="multiple"
        placeholder="Select a option"
        style={{ width: 120, height: 60 }}
        allowClear
        options={options}
      />
      <Cascader
```

```
placeholder="Select a option"
  style={{ width: 120, height: 60 }}
  allowClear
  options={options}
/>
<TreeSelect
  showSearch
  style={{ width: 120, height: 60 }}
  placeholder="Please select"
  allowClear
  popupMatchSelectWidth={false}
  treeDefaultExpandAll
  treeData={[
    {
      value: 'parent 1',
     title: 'parent 1',
      children: options,
   },
  ]}
/>
<Select
  prefix="Hello World"
 mode="multiple"
 allowClear
  placeholder="Select"
  style={{ minWidth: 200, height: 200 }}
  defaultValue={['long']}
  options={options}
/>
<Select
  mode="multiple"
  style={{ width: 200 }}
  placeholder="请选择"
  maxTagCount="responsive"
  prefix="城市"
  options={options}
/>
<Select
  style={{ width: 200 }}
  placeholder="请选择"
  prefix="城市"
  options={options}
  showSearch
  allowClear
  status="error"
```

```
/>
      <Select
        style={{ width: 100 }}
        prefix="Hi"
        options={options}
        showSearch
        allowClear
        status="warning"
        variant="filled"
        defaultValue="Bamboo"
      />
      <Select
        style={{ width: 100 }}
        prefix="Hi"
        options={options}
        showSearch
        allowClear
        status="error"
        variant="borderless"
        defaultValue="Bamboo"
      <Form style={{ width: 200 }} layout="vertical">
        <Form.Item
          label="Label"
          name="bamboo"
          initialValue="Bamboo"
          style={{
            boxShadow: '0 0 0 1px red',
          }}
          <Select options={options} allowClear placeholder="bamboo" />
        </Form.Item>
        <Form.Item
          label="Label"
          name="bamboo"
          initialValue="Bamboo"
          style={{
            boxShadow: '0 0 0 1px red',
          }}
          <AutoComplete options={options} allowClear placeholder="bamboo"</pre>
/>
        </Form.Item>
      </Form>
    </Space>
```

```
{/* Test for align */}
    <Flex vertical style={{ width: 200 }}>
      {/* Single */}
      <Input prefix="Hi" placeholder="Input" allowClear />
      <Select prefix="Hi" placeholder="Single" options={options} allowClear</pre>
showSearch />
      <Select
        prefix="Hi"
        placeholder="Single"
        options={options}
        allowClear
        showSearch
        defaultValue="Bamboo"
      />
      {/* Multiple */}
      <Select placeholder="Multiple" options={options} allowClear</pre>
mode="multiple" />
      <Select prefix="Hi" placeholder="Multiple" options={options}</pre>
allowClear mode="multiple" />
      <Select
        prefix="Hi"
        placeholder="Multiple"
        options={options}
        allowClear
        mode="multiple"
        defaultValue={['Bamboo']}
      />
      <Select
        placeholder="Multiple"
        options={options}
        allowClear
        mode="multiple"
        defaultValue={['Bamboo']}
      />
    </Flex>
  </>
);
export default App;
```

翻转+偏移

```
import React from 'react';
import { Select } from 'antd';
```

组件 Token

```
import React from 'react';
import { ConfigProvider, Select, Space } from 'antd';
import type { SelectProps } from 'antd';
const options: SelectProps['options'] = [];
for (let i = 10; i < 36; i++) {
 options.push({
   label: i.toString(36) + i,
   value: i.toString(36) + i,
 });
}
const App: React.FC = () => (
 <Space direction="vertical">
   <ConfigProvider
      theme={{
        components: {
          Select: {
            multipleItemBorderColor: 'rgba(0,0,0,0.06)',
            multipleItemBorderColorDisabled: 'rgba(0,0,0,0.06)',
            optionSelectedColor: '#1677ff',
            hoverBorderColor: 'red',
            activeBorderColor: 'green',
            activeOutlineColor: 'pink',
         },
       },
     }}
```

```
<Space style={{ width: '100%' }} direction="vertical">
    <Select
      mode="multiple"
      allowClear
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      options={options}
    />
    <Select
     mode="multiple"
      disabled
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      options={options}
   />
  </Space>
</ConfigProvider>
<ConfigProvider
  theme={{
    token: {
      controlHeightSM: 28,
   },
 }}
  <Space style={{ width: '100%' }} direction="vertical">
   <Select
      mode="multiple"
      allowClear
      size="small"
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
      options={options}
    />
    <Select
     mode="multiple"
      allowClear
      style={{ width: '100%' }}
      placeholder="Please select"
      defaultValue={['a10', 'c12']}
     options={options}
   />
  </Space>
</ConfigProvider>
```

```
<ConfigProvider
      theme={{
        components: {
          Select: {
            paddingXXS: 0,
            controlHeight: 28,
          },
        },
      }}
      <Space style={{ width: '100%' }} direction="vertical">
        <Select style={{ width: '100%' }} defaultValue="a10" options=</pre>
{options} />
        <Select
          mode="multiple"
          style={{ width: '100%' }}
          defaultValue={['a10', 'c12']}
          options={options}
        />
      </Space>
    </ConfigProvider>
  </Space>
);
export default App;
```

最大选中数量

v5.13.0

```
);
  return (
    <Select
      mode="multiple"
      maxCount={MAX_COUNT}
      value={value}
      style={{ width: '100%' }}
      onChange={setValue}
      suffixIcon={suffix}
      placeholder="Please select"
      options={[
        { value: 'Ava Swift', label: 'Ava Swift' },
        { value: 'Cole Reed', label: 'Cole Reed' },
        { value: 'Mia Blake', label: 'Mia Blake' },
        { value: 'Jake Stone', label: 'Jake Stone' },
        { value: 'Lily Lane', label: 'Lily Lane' },
        { value: 'Ryan Chase', label: 'Ryan Chase' },
        { value: 'Zoe Fox', label: 'Zoe Fox' },
        { value: 'Alex Grey', label: 'Alex Grey' },
        { value: 'Elle Blair', label: 'Elle Blair' },
      ]}
   />
 );
};
export default App;
```

API

通用属性参考:通用属性

Select props

参数	说明	类型
allowClear	自定义清除按钮	boolean { clearIcon?: ReactNod
autoClearSearchValue	是否在选中项后清空搜索框,只在 mode 为 multiple 或 tags时有效	boolean
autoFocus	默认获取焦点	boolean
defaultActiveFirstOption	是否默认高亮第一个选项	boolean
defaultOpen	是否默认展开下拉菜单	boolean

defaultValue	指定默认选中的条目	string string[] number number[] LabeledValue LabeledValue[]	
disabled	是否禁用	boolean	
popupClassName	下拉菜单的 className 属性	string	
popupMatchSelectWidth	下拉菜单和选择器同宽。默认将设置 min-width,当值小于选择框宽度时会被忽略。false 时会关闭虚拟滚动	boolean number	
dropdownRender	自定义下拉框内容	(originNode: ReactNode) => ReactNode	
dropdownStyle	下拉菜单的 style 属性	CSSProperties	
fieldNames	自定义节点 label、value、 options、groupLabel 的字段	object	
filterOption	是否根据输入项进行筛选。当其 为一个函数时,会接收 inputValue option 两个参 数,当 option 符合筛选条件 时,应返回 true,反之则返回 false。 <u>示例</u>	boolean function(inputValue, option)	
filterSort	搜索时对筛选结果项的排序函数, 类似 <u>Array.sort</u> 里的 compareFunction	(optionA: Option, optionB: Optio info: { searchValue: string }) => number	
getPopupContainer	菜单渲染父节点。默认渲染到body 上,如果你遇到菜单滚动定位问题,试试修改为滚动的区域,并相对其定位。 <u>示例</u>	function(triggerNode)	
labelInValue	是否把每个选项的 label 包装到 value 中,会把 Select 的 value 类型从 string 变为 { value: string, label: ReactNode } 的格 式	boolean	
listHeight	设置弹窗滚动高度	number	
loading	加载中状态	boolean	

maxCount	指定可选中的最多 items 数量, 仅在 mode 为 multiple 或 tags 时生效	number	
maxTagCount	最多显示多少个 tag,响应式模 式会对性能产生损耗	number responsive	
maxTagPlaceholder	隐藏 tag 时显示的内容	ReactNode function(omittedVa	
maxTagTextLength	最大显示的 tag 文本长度	number	
menultemSelectedIcon	自定义多选时当前选中的条目图 标	ReactNode	
mode	设置 Select 的模式为多选或标 签	multiple tags	
notFoundContent	当下拉列表为空时显示的内容	ReactNode	
open	是否展开下拉菜单	boolean	
optionFilterProp	搜索时过滤对应的 option 属性,如设置为 children 表示对内嵌内容进行搜索。若通过options 属性配置选项内容,建议设置optionFilterProp="label"来对内容进行搜索。	string	
optionLabelProp	回填到选择框的 Option 的属性值,默认是 Option 的子元素。 比如在子元素需要高亮效果时, 此值可以设为 value。 <u>示例</u>	string	
options	数据化配置选项内容,相比 jsx 定义会获得更好的渲染性能	{ label, value }[]	
optionRender	自定义渲染下拉选项	<pre>(option: FlattenOptionData<baseoptiont , info: { index: number }) => React.ReactNode</baseoptiont </pre>	
placeholder	选择框默认文本	string	
placement	选择框弹出的位置	bottomLeft bottomRight topl topRight	
prefix	自定义前缀	ReactNode	
removelcon	自定义的多选框清除图标	ReactNode	

searchValue	控制搜索文本	string	
showSearch	配置是否可搜索	boolean	
size	选择框大小	large middle small	
status	设置校验状态	'error' 'warning'	
suffixIcon	自定义的选择框后缀图标。以防 止图标被用于其他交互,替换的 图标默认不会响应展开、收缩事 件,可以通过添加 pointer— events: none 样式透传。	ReactNode	
tagRender	自定义 tag 内容 render,仅在 mode 为 multiple 或 tags 时 生效	(props) => ReactNode	
labelRender	自定义当前选中的 label 内容 render (LabelInValueType的 定义见 <u>LabelInValueType</u>)	(props: LabelInValueType) => ReactNode	
tokenSeparators	自动分词的分隔符,仅在 mode="tags" 时生效	string[]	
value	指定当前选中的条目,多选时为 一个数组。(value 数组引用未变 化时,Select 不会更新)	string string[] number number[] LabeledValue LabeledValue[]	
variant	形态变体	outlined borderless filleunderlined	
virtual	设置 false 时关闭虚拟滚动	boolean	
onBlur	失去焦点时回调	function	
onChange	选中 option,或 input 的 value 变化时,调用此函数	function(value, option:Option Array <option>)</option>	
onClear	清除内容时回调	function	
onDeselect	取消选中时调用,参数为选中项 的 value (或 key) 值,仅在 multiple 或 tags 模式下生效	function(value: string number LabeledValue)	
onDropdownVisibleChange	展开下拉菜单的回调	(open: boolean) => void	
onFocus	获得焦点时回调	(event: FocusEvent) => void	
onInputKeyDown	按键按下时回调	(event: KeyboardEvent) => void	

onPopupScroll	下拉列表滚动时的回调	(event: UIEvent) => void
onSearch	文本框值变化时回调	function(value: string)
onSelect	被选中时调用,参数为选中项的 value (或 key) 值	function(value: string number LabeledValue, option: Option)

注意,如果发现下拉菜单跟随页面滚动,或者需要在其他弹层中触发 Select,请尝试使用 getPopupContainer={triggerNode => triggerNode.parentElement} 将下拉弹层渲染节点固定在触发器的父元素中。

Select Methods

名称	说明	版本
blur()	取消焦点	
focus()	获取焦点	

Option props

参数	说明	类型	默认值	版本
className	Option 器类名	string	-	
disabled	是否禁用	boolean	false	
title	选项上的原生 title 提示	string	-	
value	默认根据此属性值进行筛选	string number	-	

OptGroup props

参数	说明	类型	默认值	版本
key	Key	string	-	
label	组名	React.ReactNode	-	
className	Option 器类名	string	-	
title	选项上的原生 title 提示	string	-	

主题变量(Design Token)

FAQ

mode="tags" 模式下为何搜索有时会出现两个相同选项?

这一般是 options 中的 label 和 value 不同导致的,你可以通过 optionFilterProp="label" 将过滤设置为展示值以避免这种情况。

点击 dropdownRender 里的元素,下拉菜单不会自动消失?

你可以使用受控模式,手动设置 open 属性: codesandbox。

反过来希望点击 dropdownRender 里元素不消失该怎么办?

Select 当失去焦点时会关闭下拉框,如果你可以通过阻止默认行为避免丢失焦点导致的关闭:

自定义 Option 样式导致滚动异常怎么办?

这是由于虚拟滚动默认选项高度为 24px ,如果你的选项高度小于该值则需要通过 listItemHeight 属性调整,而 listHeight 用于设置滚动容器高度:

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

注意: listItemHeight 和 listHeight 为内部属性,如无必要,请勿修改该值。

为何无障碍测试会报缺失 aria- 属性?

Select 无障碍辅助元素仅在弹窗展开时创建,因而当你在进行无障碍检测时请先打开下拉后再进行测试。对于 aria—label 与 aria—labelledby 属性缺失警告,请自行为 Select 组件添加相应无障碍属性。

Select 虚拟滚动会模拟无障碍绑定元素。如果需要读屏器完整获取全部列表,你可以设置 virtual= {false} 关闭虚拟滚动,无障碍选项将会绑定到真实元素上。