

When To Use

- Can be used to group or hide complex regions to keep the page clean.
- `Accordion` is a special kind of `Collapse`, which allows only one panel to be expanded at a time.

```
// works when >= 5.6.0, recommended ✅  
const text = `  
  A dog is a type of domesticated animal.  
  Known for its loyalty and faithfulness,  
  it can be found as a welcome guest in many households across the world.  
`;  
  
const items: CollapseProps['items'] = [  
  {  
    key: '1',  
    label: 'This is panel header 1',  
    children: <p>{text}</p>,  
  },  
  {  
    key: '2',  
    label: 'This is panel header 2',  
    children: <p>{text}</p>,  
  },  
  {  
    key: '3',  
    label: 'This is panel header 3',  
    children: <p>{text}</p>,  
  },  
];  
  
<Collapse items={items} defaultActiveKey={['1']} />;  
  
// works when <5.6.0 , deprecated when >=5.6.0 🚫  
  
<Collapse defaultActiveKey={['1']} onChange={onChange}>  
  <Panel header="This is panel header 1" key="1">  
    <p>{text}</p>  
  </Panel>  
  <Panel header="This is panel header 2" key="2">  
    <p>{text}</p>  
  </Panel>  
  <Panel header="This is panel header 3" key="3">  
    <p>{text}</p>  
  </Panel>  
</Collapse>;
```

Examples

Collapse

```
import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const items: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel header 1',
    children: <p>{text}</p>,
  },
  {
    key: '2',
    label: 'This is panel header 2',
    children: <p>{text}</p>,
  },
  {
    key: '3',
    label: 'This is panel header 3',
    children: <p>{text}</p>,
  },
];

const App: React.FC = () => {
  const onChange = (key: string | string[]) => {
    console.log(key);
  };

  return <Collapse items={items} defaultActiveKey={['1']} onChange=
{onChange} />;
};

export default App;
```

Size

```

import React from 'react';
import { Collapse, Divider } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const App: React.FC = () => (
  <>
    <Divider orientation="left">Default Size</Divider>
    <Collapse
      items={[{ key: '1', label: 'This is default size panel header',
children: <p>{text}</p> }]}
    />
    <Divider orientation="left">Small Size</Divider>
    <Collapse
      size="small"
      items={[{ key: '1', label: 'This is small size panel header',
children: <p>{text}</p> }]}
    />
    <Divider orientation="left">Large Size</Divider>
    <Collapse
      size="large"
      items={[{ key: '1', label: 'This is large size panel header',
children: <p>{text}</p> }]}
    />
  </>
);

export default App;

```

Accordion

```

import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

```

```

const items: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel header 1',
    children: <p>{text}</p>,
  },
  {
    key: '2',
    label: 'This is panel header 2',
    children: <p>{text}</p>,
  },
  {
    key: '3',
    label: 'This is panel header 3',
    children: <p>{text}</p>,
  },
];

const App: React.FC = () => <Collapse accordion items={items} />;

export default App;

```

Nested panel

```

import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const itemsNest: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel nest panel',
    children: <p>{text}</p>,
  },
];

const items: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel header 1',

```

```

    children: <Collapse defaultActiveKey="1" items={itemsNest} />,
  },
  {
    key: '2',
    label: 'This is panel header 2',
    children: <p>{text}</p>,
  },
  {
    key: '3',
    label: 'This is panel header 3',
    children: <p>{text}</p>,
  },
];

const App: React.FC = () => {
  const onChange = (key: string | string[]) => {
    console.log(key);
  };

  return <Collapse onChange={onChange} items={items} />;
};

export default App;

```

Borderless

```

import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = (
  <p style={{ paddingInlineStart: 24 }}>
    A dog is a type of domesticated animal. Known for its loyalty and
    faithfulness, it can be found
    as a welcome guest in many households across the world.
  </p>
);

const items: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel header 1',
    children: text,
  },
  {
    key: '2',

```

```

    label: 'This is panel header 2',
    children: text,
  },
  {
    key: '3',
    label: 'This is panel header 3',
    children: text,
  },
];

const App: React.FC = () => <Collapse items={items} bordered={false}
defaultActiveKey={['1']} />;

export default App;

```

Custom Panel

```

import type { CSSProperties } from 'react';
import React from 'react';
import { CaretRightOutlined } from '@ant-design/icons';
import type { CollapseProps } from 'antd';
import { Collapse, theme } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const getItems: (panelStyle: CSSProperties) => CollapseProps['items'] =
(panelStyle) => [
  {
    key: '1',
    label: 'This is panel header 1',
    children: <p>{text}</p>,
    style: panelStyle,
  },
  {
    key: '2',
    label: 'This is panel header 2',
    children: <p>{text}</p>,
    style: panelStyle,
  },
  {
    key: '3',
    label: 'This is panel header 3',

```

```

        children: <p>{text}</p>,
        style: panelStyle,
    },
];

const App: React.FC = () => {
    const { token } = theme.useToken();

    const panelStyle: React.CSSProperties = {
        marginBottom: 24,
        background: token.colorFillAlter,
        borderRadius: token.borderRadiusLG,
        border: 'none',
    };

    return (
        <Collapse
            bordered={false}
            defaultActiveKey={['1']}
            expandIcon={({ isActive }) => <CaretRightOutlined rotate={isActive ?
90 : 0} />}
            style={{ background: token.colorBgContainer }}
            items={getItems(panelStyle)}
        />
    );
};

export default App;

```

No arrow

```

import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = `
    A dog is a type of domesticated animal.
    Known for its loyalty and faithfulness,
    it can be found as a welcome guest in many households across the world.
`;

const items: CollapseProps['items'] = [
    {
        key: '1',
        label: 'This is panel header with arrow icon',
        children: <p>{text}</p>,
    },
];

```

```

    },
    {
      key: '2',
      label: 'This is panel header with no arrow icon',
      children: <p>{text}</p>,
      showArrow: false,
    },
  ],
];

const App: React.FC = () => {
  const onChange = (key: string | string[]) => {
    console.log(key);
  };

  return <Collapse defaultActiveKey={['1']} onChange={onChange} items=
{items} />;
};

export default App;

```

Extra node

```

import React, { useState } from 'react';
import { SettingOutlined } from '@ant-design/icons';
import type { CollapseProps } from 'antd';
import { Collapse, Select } from 'antd';

const { Option } = Select;

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

type ExpandIconPosition = 'start' | 'end';

const App: React.FC = () => {
  const [expandIconPosition, setExpandIconPosition] =
useState<ExpandIconPosition>('start');

  const onPositionChange = (newExpandIconPosition: ExpandIconPosition) => {
    setExpandIconPosition(newExpandIconPosition);
  };

  const onChange = (key: string | string[]) => {

```



```

    console.log(key);
  };

  const genExtra = () => (
    <SettingOutlined
      onClick={(event) => {
        // If you don't want click extra trigger collapse, you can prevent
this:
        event.stopPropagation();
      }}
    />
  );

  const items: CollapseProps['items'] = [
    {
      key: '1',
      label: 'This is panel header 1',
      children: <div>{text}</div>,
      extra: genExtra(),
    },
    {
      key: '2',
      label: 'This is panel header 2',
      children: <div>{text}</div>,
      extra: genExtra(),
    },
    {
      key: '3',
      label: 'This is panel header 3',
      children: <div>{text}</div>,
      extra: genExtra(),
    },
  ];

  return (
    <>
      <Collapse
        defaultActiveKey={['1']}
        onChange={onChange}
        expandIconPosition={expandIconPosition}
        items={items}
      />
      <br />
      <span>Expand Icon Position: </span>
      <Select value={expandIconPosition} style={{ margin: '0 8px' }}
onChange={onPositionChange}>

```

```

        <Option value="start">start</Option>
        <Option value="end">end</Option>
      </Select>
    </>
  );
};

export default App;

```

Ghost Collapse

```

import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const items: CollapseProps['items'] = [
  {
    key: '1',
    label: 'This is panel header 1',
    children: <p>{text}</p>,
  },
  {
    key: '2',
    label: 'This is panel header 2',
    children: <p>{text}</p>,
  },
  {
    key: '3',
    label: 'This is panel header 3',
    children: <p>{text}</p>,
  },
];

const App: React.FC = () => <Collapse defaultActiveKey={['1']} ghost items=
{items} />;

export default App;

```

Collapsible

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

const text = `
  A dog is a type of domesticated animal.
  Known for its loyalty and faithfulness,
  it can be found as a welcome guest in many households across the world.
`;

const App: React.FC = () => (
  <Space direction="vertical">
    <Collapse
      collapsible="header"
      defaultActiveKey={['1']}
      items={[
        {
          key: '1',
          label: 'This panel can only be collapsed by clicking text',
          children: <p>{text}</p>,
        },
      ]}
    />
    <Collapse
      collapsible="icon"
      defaultActiveKey={['1']}
      items={[
        {
          key: '1',
          label: 'This panel can only be collapsed by clicking icon',
          children: <p>{text}</p>,
        },
      ]}
    />
    <Collapse
      collapsible="disabled"
      items={[
        {
          key: '1',
          label: "This panel can't be collapsed",
          children: <p>{text}</p>,
        },
      ]}
    />
  </Space>
);
```

```
export default App;
```

Component Token

Debug

```
import React from 'react';
import { Collapse, ConfigProvider } from 'antd';
/** Test usage. Do not use in your production. */
import type { CollapseProps } from 'antd';

const text = `Ant Design! `.repeat(26);

const items: CollapseProps['items'] = [
  { key: '1', label: `This is panel header 1, (${text})`, children: text },
  { key: '2', label: `This is panel header 2, (${text})`, children: text },
  { key: '3', label: `This is panel header 3, (${text})`, children: text },
];

export default () => (
  <ConfigProvider
    theme={{
      components: {
        Collapse: {
          headerPadding: '0px 10px 20px 30px',
          headerBg: '#eaefff',
          contentPadding: '0px 10px 20px 30px',
          contentBg: '#e6f7ff',
        },
      },
    }}
  >
    <Collapse items={items} />
  </ConfigProvider>
);
```

API

Common props ref: [Common props](#)

Collapse

Property	Description	Type	Default	Version
accordion	If true, Collapse renders as Accordion	boolean	false	

activeKey	Key of the active panel	string[] string number[] number	No default value. In accordion mode , it's the key of the first panel	
bordered	Toggles rendering of the border around the collapse block	boolean	true	
collapsible	Specify how to trigger Collapse. Either by clicking icon or by clicking any area in header or disable collapse functionality itself	header icon disabled	-	4.9.0
defaultActiveKey	Key of the initial active panel	string[] string number[] number	-	
destroyInactivePanel	Destroy Inactive Panel	boolean	false	
expandIcon	Allow to customize collapse icon	(panelProps) => ReactNode	-	
expandIconPosition	Set expand icon position	start end	-	4.21.0
ghost	Make the collapse borderless and its background transparent	boolean	false	4.4.0
size	Set the size of collapse	large middle small	middle	5.2.0
onChange	Callback function executed when active panel is changed	function	-	
items	collapse items content	ItemType	-	5.6.0

ItemType

Property	Description	Type	Default	Version
classNames	Semantic structure className	Record<header body, string>	-	5.21.0
collapsible	Specify whether the panel be collapsible or the trigger area of collapsible	header icon disabled	-	
children	Body area content	ReactNode	-	
extra	The extra element in the corner	ReactNode	-	
forceRender	Forced render of content on panel, instead of lazy rendering after clicking on header	boolean	false	
key	Unique key identifying the panel from among its siblings	string number	-	
label	Title of the panel	ReactNode	-	-
showArrow	If false, panel will not show arrow icon. If false, collapsible can't be set as icon	boolean	true	
styles	Semantic DOM style	Record<header body, CSSProperties>	-	5.21.0

Collapse.Panel

⚠️ When using version >= 5.6.0, we prefer to configuring the panel by `items`.

Property	Description	Type	Default	Version
collapsible	Specify whether the panel be collapsible or the trigger area of collapsible	header icon disabled	-	4.9.0 (icon: 4.24.0)
extra	The extra element in the corner	ReactNode	-	
forceRender	Forced render of content on panel, instead of lazy rendering	boolean	false	

	after clicking on header			
header	Title of the panel	ReactNode	-	
key	Unique key identifying the panel from among its siblings	string number	-	
showArrow	If false, panel will not show arrow icon. If false, collapsible can't be set as icon	boolean	true	

Semantic DOM

演示

```
import React from 'react';
import type { CollapseProps } from 'antd';
import { Collapse } from 'antd';

import SemanticPreview from '../../../dumi/components/SemanticPreview';
import useLocale from '../../../dumi/hooks/useLocale';

const locales = {
  cn: {
    header: '头部元素',
    body: '内容元素',
  },
  en: {
    header: 'Header element',
    body: 'Body element',
  },
};

const BlockCollapse: React.FC = (props) => {
  const items: CollapseProps['items'] = [
    {
      key: '1',
      label: 'This is panel header',
      children: <p>This is panel body</p>,
      ...props,
    },
  ];

  return (
    <div style={{ position: 'absolute', inset: 0 }}>
      <Collapse {...props} items={items} defaultActiveKey={['1']} />
    </div>
  );
};
```

```
    );  
  };  
  
  const App: React.FC = () => {  
    const [locale] = useLocale(locales);  
    return (  
      <SemanticPreview  
        componentName="Collapse"  
        semantics={[  
          { name: 'header', desc: locale.header, version: '5.21.0' },  
          { name: 'body', desc: locale.body, version: '5.21.0' },  
        ]}  
      >  
        <BlockCollapse />  
      </SemanticPreview>  
    );  
  };  
  
  export default App;
```

Design Token