

Collapse

A content area which can be collapsed and expanded.

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.

Examples

▼ This is panel header 1

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.

> This is panel header 2

> This is panel header 3

Collapse

By default, any number of panels can be expanded at a time. The first panel is expanded in this example.

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

const { Panel } = Collapse;

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

  return (
    <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>
  );
};

export default App;
```

Default Size

> This is default size panel header

Small Size

> This is small size panel header

Large Size

> This is large size panel header

Size

Ant Design supports a default collapse size as well as a large and small size.

If a large or small collapse is desired, set the `size` property to either `large` or `small` respectively. Omit the `size` property for a collapse with the default size.

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

const { Panel } = Collapse;

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>
      <Panel header="This is default size panel header" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
    <Divider orientation="left">Small Size</Divider>
    <Collapse size="small">
      <Panel header="This is small size panel header" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
    <Divider orientation="left">Large Size</Divider>
    <Collapse size="large">
      <Panel header="This is large size panel header" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
  </>
);

export default App;
```

> This is panel header 1

> This is panel header 2

> This is panel header 3

Accordion

In accordion mode, only one panel can be expanded at a time.

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

const { Panel } = Collapse;

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 = () => (
  <Collapse accordion>
    <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>
);

export default App;
```

> This is panel header 1

> This is panel header 2

> This is panel header 3

Nested panel

`Collapse` is nested inside the `Collapse`.

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

const { Panel } = Collapse;

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

  return (
    <Collapse onChange={onChange}>
      <Panel header="This is panel header 1" key="1">
        <Collapse defaultActiveKey="1">
          <Panel header="This is panel nest panel" key="1">
            <p>{text}</p>
          </Panel>
        </Collapse>
      </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>
  );
};

export default App;
```

✓ This is panel header 1

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.

> This is panel header 2

> This is panel header 3

Borderless

A borderless style of Collapse.

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

const { Panel } = Collapse;

const text = (
  <p style={{ paddingLeft: 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 App: React.FC = () => (
  <Collapse bordered={false} defaultActiveKey={['1']}>
    <Panel header="This is panel header 1" key="1">
      {text}
    </Panel>
    <Panel header="This is panel header 2" key="2">
      {text}
    </Panel>
    <Panel header="This is panel header 3" key="3">
      {text}
    </Panel>
  </Collapse>
);

export default App;
```

▼ This is panel header 1

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.

▶ This is panel header 2

▶ This is panel header 3

Custom Panel

Customize the background, border, margin styles and icon for each panel.

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

const { Panel } = Collapse;

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 = () => {
  const { token } = theme.useToken();

  const panelStyle = {
    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 }}
    >
      <Panel header="This is panel header 1" key="1" style={panelStyle}>
        <p>{text}</p>
      </Panel>
      <Panel header="This is panel header 2" key="2" style={panelStyle}>
        <p>{text}</p>
      </Panel>
      <Panel header="This is panel header 3" key="3" style={panelStyle}>
        <p>{text}</p>
      </Panel>
    </Collapse>
```

▼ This is panel header with arrow icon

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.

This is panel header with no arrow icon

No arrow

You can hide the arrow icon by passing `showArrow={false}` to `CollapsePanel` component.

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

const { Panel } = Collapse;

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

  return (
    <Collapse defaultActiveKey={['1']} onChange={onChange}>
      <Panel header="This is panel header with arrow icon" key="1">
        <p>{text}</p>
      </Panel>
      <Panel showArrow={false} header="This is panel header with no arrow icon" key="2">
        <p>{text}</p>
      </Panel>
    </Collapse>
  );
};

export default App;
```


▼ This is panel header 1



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.

> This is panel header 2



> This is panel header 3



Expand Icon Position: start ▼

Extra node

More than one panel can be expanded at a time, the first panel is initialized to be active in this case.

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

const { Panel } = Collapse;
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();
      }}
    />
  );

  return (
    <>
      <Collapse
        defaultActiveKey={['1']}
      />
    </>
  );
};
```

▼ This is panel header 1

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.

> This is panel header 2

> This is panel header 3

Ghost Collapse

Making collapse's background to transparent.

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

const { Panel } = Collapse;

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 = () => (
  <Collapse defaultActiveKey={['1']} ghost>
    <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>
);

export default App;
```

▼ This panel can only be collapsed by clicking 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.

▼ This panel can only be collapsed by clicking icon

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.

> This panel can't be collapsed

Collapsible

Specify the trigger area of collapsible by `collapsible` .

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

const { Panel } = Collapse;

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']}>
      <Panel header="This panel can only be collapsed by clicking text" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
    <Collapse collapsible="icon" defaultActiveKey={['1']}>
      <Panel header="This panel can only be collapsed by clicking icon" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
    <Collapse collapsible="disabled">
      <Panel header="This panel can't be collapsed" key="1">
        <p>{text}</p>
      </Panel>
    </Collapse>
  </Space>
);

export default App;
```

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 <code>accordion</code> mode, it's the key of the first panel	
bordered	Toggles rendering of the border around the collapse block	boolean	true	
collapsible	Specify whether the panels of children be collapsible or the trigger area of collapsible	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	-	

Collapse.Panel

Property	Description	Type	Default	Version
collapsible	Specify whether the panel be collapsible or the trigger	header icon	-	4.9.0 (icon:

Property	Description	Type	Default	Version
	area of collapsible	<code>disabled</code>		4.24.0)
extra	The extra element in the corner	<code>ReactNode</code>	–	
forceRender	Forced render of content on panel, instead of lazy rendering after clicking on header	<code>boolean</code>	false	
header	Title of the panel	<code>ReactNode</code>	–	
key	Unique key identifying the panel from among its siblings	<code>string number</code>	–	
showArrow	If false, panel will not show arrow icon. If false, collapsible can't be set as icon	<code>boolean</code>	true	

Design Token

▼ Global Token

Token Name	Description	Type	Default Value
colorBgContainer	Container background color, e.g: default button, input box, etc. Be sure not to confuse this with `colorBgElevated`.	<code>string</code>	<code>#ffffff</code>
colorBorder	Default border color, used to separate different elements, such as: form separator, card separator, etc.	<code>string</code>	<code>#d9d9d9</code>
colorFillAlter	Control the alternative background color of element.	<code>string</code>	<code>rgba(0, 0, 0, 0.02)</code>
colorText	Default text color which comply with W3C standards, and this color is also the darkest neutral color.	<code>string</code>	<code>rgba(0, 0, 0, 0.88)</code>
colorTextDisabled	Control the color of text in disabled state.	<code>string</code>	<code>rgba(0, 0, 0, 0.25)</code>
colorTextHeading	Control the font color of heading.	<code>string</code>	<code>rgba(0, 0, 0, 0.88)</code>
borderRadiusLG	LG size border radius, used in some large border radius components, such as Card, Modal and other components.	<code>number</code>	8
fontFamily	The font family of Ant Design prioritizes the default interface font of the system, and provides a set of alternative font libraries that are suitable for screen display to maintain the readability and readability of the font under different platforms and browsers, reflecting the friendly, stable and professional characteristics.	<code>string</code>	-apple-system, BlinkMacSystemFont, 'Segoe UI', Roboto, 'Helvetica Neue', Arial, 'Noto Sans', sans-serif, 'Apple Color Emoji', 'Segoe UI Emoji', 'Segoe UI Symbol', 'Noto Color Emoji'
fontSize	The most widely used font size in the design system, from which the text gradient will be	<code>number</code>	14

Token Name	Description	Type	Default Value
	derived.		
fontSizeIcon	Control the font size of operation icon in Select, Cascader, etc. Normally same as fontSizeSM.	number	12
fontSizeLG	Large font size	number	16
lineHeight	Line height of text.	number	1.5714285714285714
lineType	Border style of base components	string	solid
lineWidth	Border width of base components	number	1
marginSM	Control the margin of an element, with a medium-small size.	number	12
motionDurationMid	Motion speed, medium speed. Used for medium element animation interaction.	string	0.2s
motionDurationSlow	Motion speed, slow speed. Used for large element animation interaction.	string	0.3s
motionEasingInOut	Preset motion curve.	string	cubic-bezier(0.645, 0.045, 0.355, 1)
padding	Control the padding of the element.	number	16
paddingLG	Control the large padding of the element.	number	24
paddingSM	Control the small padding of the element.	number	12
paddingXS	Control the extra small padding of the element.	number	8
paddingXXS	Control the extra extra small padding of the element.	number	4