

Spin

A spinner for displaying loading state of a page or a section.

When To Use

When part of the page is waiting for asynchronous data or during a rendering process, an appropriate loading animation can effectively alleviate users' inquietude.

Examples

basic Usage

A simple loading status.

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

const App: React.FC = () => <Spin />;

export default App;
```

Size

A small `Spin` is used for loading text, default sized `Spin` for loading a card-level block, and large `Spin` used for loading a page.

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

const App: React.FC = () => (
  <Space size="middle">
    <Spin size="small" />
    <Spin />
    <Spin size="large" />
  </Space>
);

export default App;
```

Inside a container

Spin in a container.

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

const App: React.FC = () => (
  <div className="example">
    <Spin />
  </div>
);

export default App;
```

Loading

Loading

Loading

Alert message title

Further details about the context of this alert.
Loading...

Customized description

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

const App: React.FC = () => (
  <Space direction="vertical" style={{ width:
    <Space>
      <Spin tip="Loading" size="small">
        <div className="content" />
      </Spin>
      <Spin tip="Loading">
        <div className="content" />
      </Spin>
      <Spin tip="Loading" size="large">
        <div className="content" />
      </Spin>
    </Space>

    <Spin tip="Loading...">
      <Alert
        message="Alert message title"
        description="Further details about the
        type="info"
      />
    </Spin>
  </Space>
);

export default App;
```

Alert message title

Further details about the context of this alert.

Loading state:



Embedded mode

Embedding content into `Spin` will set it into loading state.

```
import React, { useState } from 'react';
import { Alert, Spin, Switch } from 'antd';

const App: React.FC = () => {
  const [loading, setLoading] = useState(false);

  const toggle = (checked: boolean) => {
    setLoading(checked);
  };

  return (
    <div>
      <Spin spinning={loading}>
        <Alert
          message="Alert message title"
          description="Further details about t
          type="info"
        />
      </Spin>
      <div style={{ marginTop: 16 }}>
        Loading state:
        <Switch checked={loading} onChange={tc
      </div>
    </div>
  );
};

export default App;
```



Custom spinning indicator

Use custom loading indicator.

```
import React from 'react';
import { LoadingOutlined } from '@ant-design/i
import { Spin } from 'antd';

const antIcon = <LoadingOutlined style={{ font

const App: React.FC = () => <Spin indicator={c

export default App;
```

Alert message title

Further details about the context of this alert.

Loading state: ☐

delay

Specifies a delay for loading state. If `spinning` ends during delay, loading status won't appear.

```
import React, { useState } from 'react';
import { Alert, Spin, Switch } from 'antd';

const App: React.FC = () => {
  const [loading, setLoading] = useState(false);

  const toggle = (checked: boolean) => {
    setLoading(checked);
  };

  const container = (
    <Alert
      message="Alert message title"
      description="Further details about the context of this alert."
      type="info"
    />
  );

  return (
    <div>
      <Spin spinning={loading} delay={500}>
        {container}
      </Spin>
      <div style={{ marginTop: 16 }}>
        Loading state:
        <Switch checked={loading} onChange={toggle} />
      </div>
    </div>
  );
};

export default App;
```

API

Property	Description	Type	Default
delay	Specifies a delay in milliseconds for loading state (prevent flush)	number (milliseconds)	-
indicator	React node of the spinning indicator	ReactNode	-
size	The size of Spin, options: <code>small</code> , <code>default</code> and <code>large</code>	string	<code>default</code>
spinning	Whether Spin is visible	boolean	true
tip	Customize description content when Spin has children	ReactNode	-

Property	Description	Type	Default
wrapperClassName	The className of wrapper when Spin has children	string	-

Static Method

- `Spin.setDefaultIndicator(indicator: ReactNode)`

You can define default spin element globally.

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`.	string	<code>#ffffff</code>
colorPrimary	Brand color is one of the most direct visual elements to reflect the characteristics and communication of the product. After you have selected the brand color, we will automatically generate a complete color palette and assign it effective design semantics.	string	<code>#1677ff</code>
colorText	Default text color which comply with W3C standards, and this color is also the darkest neutral color.	string	<code>rgba(0, 0, 0, 0.88)</code>
colorTextDescription	Control the font color of text description.	string	<code>rgba(0, 0, 0, 0.45)</code>
controlHeight	The height of the basic controls such as buttons and input boxes in Ant Design	number	32
controlHeightLG	LG component height	number	40
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.	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'</code>
fontSize	The most widely used font size in the design system, from which the text gradient will be derived.	number	14
lineHeight	Line height of text.	number	1.5714285714285714
marginXXS	Control the margin of an element, with the smallest size.	number	4
motionDurationSlow	Motion speed, slow speed. Used for large element animation interaction.	string	0.3s

Token Name	Description	Type	Default Value
motionEaseInOutCirc	Preset motion curve.	<div>string</div>	cubic-bezier(0.78, 0.14, 0.15, 0.86)