

When To Use

- When a series of information needs to be ordered by time (ascending or descending).
- When you need a timeline to make a visual connection.

`:::warning{title="Upgrade Tip"}` After version 5.2.0, we provide a simpler usage `<Timeline items={...} />` with better performance and potential of writing simpler code style in your applications. Meanwhile, we deprecated the old usage in browser console, we will remove it in antd 6.0. `:::`

```
// works when >=5.2.0, recommended ✅  
const items = [{ children: 'sample', label: 'sample' }];  
return <Timeline items={items} />;  
  
// works when <5.2.0, deprecated when >=5.2.0 🙅  
return (  
  <Timeline onChange={onChange}>  
    <Timeline.Item>Sample</Timeline.Item>  
  </Timeline>  
)
```

Examples

Basic

```
import React from 'react';  
import { Timeline } from 'antd';  
  
const App: React.FC = () => (  
  <Timeline  
    items={[  
      {  
        children: 'Create a services site 2015-09-01',  
      },  
      {  
        children: 'Solve initial network problems 2015-09-01',  
      },  
      {  
        children: 'Technical testing 2015-09-01',  
      },  
      {  
        children: 'Network problems being solved 2015-09-01',  
      },  
    ]}  
  />  
)
```

```
export default App;
```

Color

```
import React from 'react';
import { SmileOutlined } from '@ant-design/icons';
import { Timeline } from 'antd';

const App: React.FC = () => (
  <Timeline
    items={[
      {
        color: 'green',
        children: 'Create a services site 2015-09-01',
      },
      {
        color: 'green',
        children: 'Create a services site 2015-09-01',
      },
      {
        color: 'red',
        children: (
          <>
            <p>Solve initial network problems 1</p>
            <p>Solve initial network problems 2</p>
            <p>Solve initial network problems 3 2015-09-01</p>
          </>
        ),
      },
    ]},
    {
      children: (
        <>
          <p>Technical testing 1</p>
          <p>Technical testing 2</p>
          <p>Technical testing 3 2015-09-01</p>
        </>
      ),
    },
    {
      color: 'gray',
      children: (
        <>
          <p>Technical testing 1</p>
          <p>Technical testing 2</p>
          <p>Technical testing 3 2015-09-01</p>
        </>
      ),
    },
  ],
  </Timeline>
);
```

```

        </>
      ),
    },
    {
      color: 'gray',
      children: (
        <>
          <p>Technical testing 1</p>
          <p>Technical testing 2</p>
          <p>Technical testing 3 2015-09-01</p>
        </>
      ),
    },
  ],
}
]}
/>
);

export default App;

```

Last node and Reversing

```

import React, { useState } from 'react';
import { Button, Timeline } from 'antd';

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

  const handleClick = () => {
    setReverse(!reverse);
  };

  return (
    <div>
      <Timeline
        pending="Recording..."
        reverse={reverse}
        items={[
          {
            children: 'Create a services site 2015-09-01',
          },
          {

```

```

        children: 'Solve initial network problems 2015-09-01',
      },
      {
        children: 'Technical testing 2015-09-01',
      },
    ]}
  />
  <Button type="primary" style={{ marginTop: 16 }} onClick={
handleClick}>
    Toggle Reverse
  </Button>
</div>
);
};

export default App;

```

Alternate

```

import React from 'react';
import { ClockCircleOutlined } from '@ant-design/icons';
import { Timeline } from 'antd';

const App: React.FC = () => (
  <Timeline
    mode="alternate"
    items={[
      {
        children: 'Create a services site 2015-09-01',
      },
      {
        children: 'Solve initial network problems 2015-09-01',
        color: 'green',
      },
      {
        dot: <ClockCircleOutlined style={{ fontSize: '16px' }} />,
        children: `Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae dicta sunt explicabo.` ,
      },
      {
        color: 'red',
        children: 'Network problems being solved 2015-09-01',
      },
    ]}
  >

```

```

        children: 'Create a services site 2015-09-01',
      },
      {
        dot: <ClockCircleOutlined style={{ fontSize: '16px' }} />,
        children: 'Technical testing 2015-09-01',
      },
    ],
  ]}
/>
);

export default App;

```

Custom

```

import React from 'react';
import { ClockCircleOutlined } from '@ant-design/icons';
import { Timeline } from 'antd';

const App: React.FC = () => (
  <Timeline
    items={[
      {
        children: 'Create a services site 2015-09-01',
      },
      {
        children: 'Solve initial network problems 2015-09-01',
      },
      {
        dot: <ClockCircleOutlined className="timeline-clock-icon" />,
        color: 'red',
        children: 'Technical testing 2015-09-01',
      },
      {
        children: 'Network problems being solved 2015-09-01',
      },
    ]}
  />
);

export default App;

```

Right alternate

```

import React from 'react';
import { ClockCircleOutlined } from '@ant-design/icons';

```

```

import { Timeline } from 'antd';

const App: React.FC = () => (
  <Timeline
    mode="right"
    items={[
      {
        children: 'Create a services site 2015-09-01',
      },
      {
        children: 'Solve initial network problems 2015-09-01',
      },
      {
        dot: <ClockCircleOutlined style={{ fontSize: '16px' }} />,
        color: 'red',
        children: 'Technical testing 2015-09-01',
      },
      {
        children: 'Network problems being solved 2015-09-01',
      },
    ]}
  />
);

export default App;

```

Label

```

import React, { useState } from 'react';
import type { RadioChangeEvent } from 'antd';
import { Radio, Timeline } from 'antd';

const App: React.FC = () => {
  const [mode, setMode] = useState<'left' | 'alternate' | 'right'>('left');

  const onChange = (e: RadioChangeEvent) => {
    setMode(e.target.value);
  };

  return (
    <>
      <Radio.Group
        onChange={onChange}
        value={mode}
        style={{
          marginBottom: 20,

```

```

    }}
  >
    <Radio value="left">Left</Radio>
    <Radio value="right">Right</Radio>
    <Radio value="alternate">Alternate</Radio>
  </Radio.Group>
  <Timeline
    mode={mode}
    items={[
      {
        label: '2015-09-01',
        children: 'Create a services',
      },
      {
        label: '2015-09-01 09:12:11',
        children: 'Solve initial network problems',
      },
      {
        children: 'Technical testing',
      },
      {
        label: '2015-09-01 09:12:11',
        children: 'Network problems being solved',
      },
    ]}
  />
</>
);
};

export default App;

```

Wireframe

Debug

```

import React from 'react';
import { ConfigProvider, Timeline } from 'antd';

const App: React.FC = () => (
  <ConfigProvider theme={{ token: { wireframe: true } }}>
    <Timeline
      items={[
        {
          children: 'Create a services site 2015-09-01',
        },

```

```

    {
      children: 'Solve initial network problems 2015-09-01',
    },
    {
      children: 'Technical testing 2015-09-01',
    },
    {
      children: 'Network problems being solved 2015-09-01',
    },
  ]}
  />
</ConfigProvider>
);

export default App;

```

Component Token

Debug

```

import React from 'react';
import { ConfigProvider, Timeline } from 'antd';

const App: React.FC = () => (
  <ConfigProvider
    theme={{
      components: {
        Timeline: {
          tailColor: 'red',
          tailWidth: 10,
          dotBorderWidth: 1,
          dotBg: 'green',
          itemPaddingBottom: 10,
        },
      },
    }}
  >
    <Timeline
      items={[
        {
          children: 'Create a services site 2015-09-01',
        },
        {
          children: 'Solve initial network problems 2015-09-01',
        },
      ]}
    >

```



```

        children: 'Technical testing 2015-09-01',
      },
      {
        children: 'Network problems being solved 2015-09-01',
      },
    ]}
  />
</ConfigProvider>
);

export default App;

```

API

Common props ref: [Common props](#)

Timeline

Property	Description	Type	Default	Version
mode	By sending alternate the timeline will distribute the nodes to the left and right	left alternate right	-	
pending	Set the last ghost node's existence or its content	ReactNode	false	
pendingDot	Set the dot of the last ghost node when pending is true	ReactNode	<LoadingOutlined />	
reverse	Whether reverse nodes or not	boolean	false	
items	Each node of timeline	Items []	-	5.2.0

Items

Node of timeline.

Property	Description	Type	Default
color	Set the circle's color to blue, red, green, gray or other custom colors	string	blue
dot	Customize timeline dot	ReactNode	-
label	Set the label	ReactNode	-
children	Set the content	ReactNode	-

position	Customize node position	left right	-
----------	-------------------------	-----------------	---

Design Token