

何时使用 {#when-to-use}

- 当有一系列信息需按时间排列时，可正序和倒序。
- 需要有一条时间轴进行视觉上的串联时。

:::warning{title="升级提示"} 5.2.0 版本之后，我们提供了更简单的用法 `<Timeline items={ [...]} />` 以获得更好的性能，使您能在应用中编写更简单的代码。与此同时，我们弃用了旧的用法，并且将在下一个 major 版本中删除它。 :::

```
// >=5.2.0 可用，推荐的写法 ✅  
const items = [{ children: 'sample', label: 'sample' }];  
return <Timeline items={items} />;  
  
// <5.2.0 可用，>=5.2.0 时不推荐 🚫  
return (  
  <Timeline onChange={onChange}>  
    <Timeline.Item>Sample</Timeline.Item>  
  </Timeline>  
)
```

代码演示

基本用法

```
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;
```

圆圈颜色

```
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>
);
```



```

        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;

```

交替展现

```

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;

```

自定义时间轴点

```

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;

```

右侧时间轴点

```

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;

```

标签

```

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;

```

线框风格

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;

```

组件 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

通用属性参考: [通用属性](#)

Timeline

参数	说明	类型	默认值	版本
mode	通过设置 mode 可以改变时间轴和内容的相对位置	left alternate right	-	
pending	指定最后一个幽灵节点是否存在或内容	ReactNode	false	
pendingDot	当最后一个幽灵节点存在時，指定其时间图点	ReactNode	<LoadingOutlined />	
reverse	节点排序	boolean	false	
items	选项配置	Items []	-	5.2.0

Items

时间轴的每一个节点。

参数	说明	类型	默认值
color	指定圆圈颜色 blue、red、green、gray，或自定义的色值	string	blue
dot	自定义时间轴点	ReactNode	-
label	设置标签	ReactNode	-
children	设置内容	ReactNode	-

position	自定义节点位置	left right	-
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主题变量 (Design Token)