

## 何时使用 {#when-to-use}

- 当系统拥有超过两级以上的层级结构时；
- 当需要告知用户『你在哪里』时；
- 当需要向上导航的功能时。

```
// >=5.3.0 可用, 推荐的写法   
return <Breadcrumb items={[{ title: 'sample' }]} />;  
  
// <5.3.0 可用, >=5.3.0 时不推荐   
return (  
  <Breadcrumb>  
    <Breadcrumb.Item>sample</Breadcrumb.Item>  
  </Breadcrumb>  
)  
;  
  
// 或  
  
return <Breadcrumb routes={[{ breadcrumbName: 'sample' }]} />;
```

## 代码演示

### 基本

```
import React from 'react';  
import { Breadcrumb } from 'antd';  
  
const App: React.FC = () => (  
  <Breadcrumb  
    items={[  
      {  
        title: 'Home',  
      },  
      {  
        title: <a href="">Application Center</a>,  
      },  
      {  
        title: <a href="">Application List</a>,  
      },  
      {  
        title: 'An Application',  
      },  
    ]}  
  />  
)  
;
```

```
export default App;
```

### 带有图标的

```
import React from 'react';
import { HomeOutlined, UserOutlined } from '@ant-design/icons';
import { Breadcrumb } from 'antd';

const App: React.FC = () => (
  <Breadcrumb
    items={[
      {
        href: '',
        title: <HomeOutlined />,
      },
      {
        href: '',
        title: (
          <>
            <UserOutlined />
            <span>Application List</span>
          </>
        ),
      },
      {
        title: 'Application',
      },
    ]}
  />
);

export default App;
```

### 带有参数的

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

const App: React.FC = () => (
  <Breadcrumb
    items={[
      {
        title: 'Users',
      },
    ]}
  />
);
```

```

        {
          title: ':id',
          href: '',
        },
      ],
      params={{ id: 1 }}
    />
  );

export default App;

```

## 分隔符

```

import React from 'react';
import { Breadcrumb } from 'antd';

const App: React.FC = () => (
  <Breadcrumb
    separator=">"
    items={[
      {
        title: 'Home',
      },
      {
        title: 'Application Center',
        href: '',
      },
      {
        title: 'Application List',
        href: '',
      },
      {
        title: 'An Application',
      },
    ]}
  />
);

export default App;

```

## 帶下拉菜單的面包屑

```

import React from 'react';
import { Breadcrumb } from 'antd';

```

```

const menuItems = [
  {
    key: '1',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.alipay.com/">
        General
      </a>
    ),
  },
  {
    key: '2',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.taobao.com/">
        Layout
      </a>
    ),
  },
  {
    key: '3',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.tmall.com/">
        Navigation
      </a>
    ),
  },
];

```

```

const App: React.FC = () => (
  <Breadcrumb
    items={[
      {
        title: 'Ant Design',
      },
      {
        title: <a href="">Component</a>,
      },
      {
        title: <a href="">General</a>,
        menu: { items: menuItems },
      },
      {
        title: 'Button',
      },
    ]}
  />
)

```

```
    ]}
  />
);

export default App;
```

## 独立的分隔符

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

const App: React.FC = () => (
  <Breadcrumb
    separator=""
    items={[
      {
        title: 'Location',
      },
      {
        type: 'separator',
        separator: ': ',
      },
      {
        href: '',
        title: 'Application Center',
      },
      {
        type: 'separator',
      },
      {
        href: '',
        title: 'Application List',
      },
      {
        type: 'separator',
      },
      {
        title: 'An Application',
      },
    ]}
  />
);

export default App;
```

## Debug Routes

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

export default () => (
  <Breadcrumb
    routes={[
      {
        path: '/home',
        breadcrumbName: 'Home',
      },
      {
        path: '/user',
        breadcrumbName: 'User',
        children: [
          {
            path: '/user1',
            breadcrumbName: 'User1',
          },
          {
            path: '/user2',
            breadcrumbName: 'User2',
          },
        ],
      },
    ],
  />
);
```

## 组件 Token

Debug

```
import React from 'react';
import { HomeOutlined, UserOutlined } from '@ant-design/icons';
import { Breadcrumb, ConfigProvider } from 'antd';

const menuItems = [
  {
    key: '1',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.alipay.com/">
        General
      </a>
    )
  }
];
```

```

    ),
  },
  {
    key: '2',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.taobao.com/">
        Layout
      </a>
    ),
  },
  {
    key: '3',
    label: (
      <a target="_blank" rel="noopener noreferrer"
href="http://www.tmall.com/">
        Navigation
      </a>
    ),
  },
];
export default () => (
  <ConfigProvider
    theme={{
      components: {
        Breadcrumb: {
          itemColor: '#b02121',
          lastItemColor: '#0f3a88',
          iconFontSize: 28,
          linkColor: '#979a42',
          linkHoverColor: '#9450c0',
          separatorColor: '#b41b60',
          separatorMargin: 22,
        },
      },
    }}
  >
    <Breadcrumb
      separator=">"
      items={[
        {
          title: 'Home',
        },
        {
          title: <a href="">Application Center</a>,
        },
      ]}
    >

```

```
    {
      title: <a href="">General</a>,
      menu: { items: menuItems },
    },
    {
      title: 'Application Center',
      href: '',
    },
    {
      href: '',
      title: <HomeOutlined />,
    },
    {
      href: '',
      title: (
        <>
          <UserOutlined />
          <span>Application List</span>
        </>
      ),
    },
  ],
]}
/>
</ConfigProvider>
);
```

## API

通用属性参考: [通用属性](#)

### Breadcrumb

参数	说明	类型	默认值	版本
itemRender	自定义链接函数, 和 react-router 配置使用	(route, params, routes, paths) => ReactNode	-	
params	路由的参数	object	-	
items	路由栈信息	<a href="#">items[]</a>	-	5.3.0
separator	分隔符自定义	ReactNode	/	

### ItemType

```
type ItemType = Omit<RouteItemType, 'title' | 'path'> | SeparatorType
```



**RoutelItemType**

参数	说明	类型	默认值	版本
className	自定义类名	string	-	
dropdownProps	弹出下拉菜单的自定义配置	<a href="#">Dropdown</a>	-	
href	链接的目的地，不能和 path 共用	string	-	
path	拼接路径，每一层都会拼接前一个 path 信息。不能和 href 共用	string	-	
menu	菜单配置项	<a href="#">MenuProps</a>	-	4.24.0
onClick	单击事件	(e:MouseEvent) => void	-	
title	名称	ReactNode	-	5.3.0

**SeparatorType**

```
const item = {
  type: 'separator', // Must have
  separator: '/',
};
```

参数	说明	类型	默认值	版本
type	标记为分隔符	separator		5.3.0
separator	要显示的分隔符	ReactNode	/	5.3.0

**和 browserHistory 配合**

和 react-router 一起使用时，默认生成的 url 路径是带有 # 的，如果和 browserHistory 一起使用的话，你可以使用 `itemRender` 属性定义面包屑链接。

```
import { Link } from 'react-router';

const items = [
  {
    path: '/index',
    title: 'home',
  },
  {
    path: '/first',
    title: 'first',
  },
];
```

```

    children: [
      {
        path: '/general',
        title: 'General',
      },
      {
        path: '/layout',
        title: 'Layout',
      },
      {
        path: '/navigation',
        title: 'Navigation',
      },
    ],
  },
  {
    path: '/second',
    title: 'second',
  },
];

function renderItem(currentRoute, params, items, paths) {
  const isLast = currentRoute?.path === items[items.length - 1]?.path;

  return isLast ? (
    <span>{currentRoute.title}</span>
  ) : (
    <Link to={`/${paths.join('/')}`}>{currentRoute.title}</Link>
  );
}

return <Breadcrumb renderItem={itemRender} items={items} />;

```

## 主题变量 (Design Token)