Here are the frequently asked questions about Ant Design and antd that you should look up before you ask in the community or create a new issue. We also maintain a [FAQ issues label](#) for common github issues.

Will you provide Sass/Stylus(etc.) style files in addition to the Less style files currently included?

There is currently no plan to add support for Sass/Stylus(etc.) style files, but using tools on Google you can easily convert the provided Less files to your desired style format.

`Select Dropdown DatePicker TimePicker Popover Popconfirm` disappears when I click another popup component inside it. How do I resolve this?

This is an old bug that has been fixed since `v3.11.x`. If you're using an older version, you can use `<Select getPopupContainer={trigger => trigger.parentElement}>` to render a component inside Popover. (Or other `getXxxxContainer` props)

https://ant.design/components/select/#Select-props

Related issue: [#3487](#) [#3438](#)

How do I prevent `Select Dropdown DatePicker TimePicker Popover Popconfirm` scrolling with the page?

Use `<Select getPopupContainer={trigger => trigger.parentElement}>` ([API reference](#)) to render a component inside the scroll area. If you need to config this globally in your application, try `<ConfigProvider getPopupContainer={trigger => trigger.parentElement}>` ([API reference](#))

And make sure that parentElement is `position: relative` or `position: absolute`.

Related issue: [#3487](#) [#3438](#)

How do I modify the default theme of Ant Design?

See: https://ant.design/docs/react/customize-theme .

How do I modify `Menu / Button` (etc.)'s style?

While you can override a component's style, we don't recommend doing so. antd is not only a set of React components, but also a design specification as well.

How do I replace Moment.js with Day.js to reduce bundle size?

Please refer to [Replace Moment.js](#).

It doesn't work when I change `defaultValue` dynamically.

The `defaultXxxx` (e.g. `defaultValue`) of `Input / Select` (etc...) only works on the first render. It is a specification of React. Please read [React's documentation](#).

Why does modifying props in mutable way not trigger a component update?

antd use shallow compare of props to optimize performance. You should always pass the new object when updating the state. Please ref [React's document](#)

After I set the `value` of an `Input` / `Select` (etc.) component, the value cannot be changed by user's action.

Try `onChange` to change `value`, and please read [React's documentation](#).

Components are not vertically aligned when placed in single row.

Try [Space](#) component to make them aligned.

antd overrides my global styles

Yes, antd is designed to help you develop a complete background application. To do so, we override some global styles for styling convenience, and currently these cannot be removed or changed. More info at https://github.com/ant-design/ant-design/issues/4331 .

Alternatively, follow the instructions in [How to avoid modifying global styles?](#)

I cannot install `antd` and `antd`'s dependencies in mainland China.

To potentially solve this, try [cnpm](#).

I set `dependencies.antd` as the git repository in `package.json`, but it doesn't work.

Please install `antd` with either npm or yarn.

`message` and `notification` is lower case, but other components are capitalized. Is this a typo?

No, `message` is just a function, not a React Component, thus it is not a typo that it is in lower case.

`antd` doesn't work well in mobile.

Please check [Ant Design Mobile](#) as a possible solution, as `antd` has not been optimized to work well on mobile. You can also try the [react-component](#) repositories which start with 'm-' 'rn-', which are also designed for mobile.

Does `antd` supply standalone files like 'React'?

Yes, you can [import `antd` with script tag](#), but we recommend using `npm` to import `antd`, as it is simple and easy to maintain.

I can't visit `icon` in my network environment.

You should deploy the iconfont files to your network by following this [example](#). [#1070](#)

After 3.9.x [we will also switch to using svg icons](#), so you won't need to deploy iconfont locally anymore as well.

How do I extend antd's components?

If you need some features which should not be included in antd, try to extend antd's component with [HOC](#). [more](#)

How do I fix dynamic styles while using a Content Security Policy (CSP)?

You can configure `nonce` by [ConfigProvider](#).

When I set `mode` to `DatePicker` / `RangePicker` , why can I not select a year or month anymore?

In a real world development, you may need a `YearPicker` , `MonthRangePicker` or `WeekRangePicker` . You are trying to add `mode` to `DatePicker` / `RangePicker` expected to implement those pickers. However, the `DatePicker` / `RangePicker` cannot be selected and the panels won't close now.

- Reproduction link: https://codesandbox.io/s/dank-brook-v1csy
- Same issues： #15572, #16436, #11938, #11735, #11586, #10425, #11053

Like the explaination explains, this is because `<DatePicker mode="year" />` does not equal the `YearPicker` , nor is `<RangePicker mode="month" />` equal to `MonthRangePicker` . The `mode` property was added to support showing time picker panel in DatePicker in antd 3.0, which simply controls the displayed panel, and won't change the original date picking behavior of `DatePicker` / `RangePicker` (for instance you will still need to click date cell to finish selection in a `DatePicker` , whatever the `mode` is).

Likewise, `disabledDate` cannot work on year/month panels of `<DatePicker mode="year/month" />` , but only on cells of date panel.

Workaround

You can refer to this article or this article, using `mode` and `onPanelChange` to encapsulate a `YearPicker` or `MonthRangePicker` for your needs.

Or you can simply upgrade to antd@4.0, in which we added more XxxPickers to meet those requirements, and `disabledDate` could be effect on those pickers too.

message/notification/Modal.confirm lost styles when set `prefixCls` on ConfigProvider?

Static methods like message/notification/Modal.confirm are not using the same render tree as `<Button />` , but rendered to independent DOM node created by `ReactDOM.render` , which cannot access React context from ConfigProvider. Consider two solutions here:

1. Replace original usages with message.useMessage, notification.useNotification and Modal.useModal.

2. Use `ConfigProvider.config` to config `prefixCls` globally.

```
ConfigProvider.config({
  prefixCls: 'ant',
});
```

Why shouldn't I use component internal props or state with ref?

You should only access the API by official doc with ref. Directly access internal `props` or `state` is not recommended which will make your code strong coupling with current version. Any refactor will break your code like refactor with Hooks version, delete or rename internal `props` or `state` , adjust internal node constructor, etc.

How to spell Ant Design correctly?

- ✅ **Ant Design**: Capitalized with space, for the design language.
- ✅ **antd**: all lowercase, for the React UI library.
- ✅ **ant.design**： For ant.design website url.

Here are some typical wrong examples:

- ❌ AntD
- ❌ antD
- ❌ Antd
- ❌ ant design
- ❌ AntDesign
- ❌ antdesign
- ❌ Antdesign

Do you guys have any channel or website for submitting monetary donations, like through PayPal or Alipay?

https://opencollective.com/ant-design

Errors and Warnings

Here are some errors & warnings that you may encounter while using antd, although most of these are not actual bugs of antd itself.

Adjacent JSX elements must be wrapped in an enclosing tag

Check out this answer from StackOverflow, along with also reading React's documentation to solve this.

React.createElement: type should not be null, undefined, boolean, or number. It should be a string (for DOM elements) or a ReactClass (for composite components)

Please make sure that you import `antd` 's components correctly. Read the corresponding documentation of the `antd` 's version which you use, and pay attention to typos.

rm is not recognized as an internal or external command

Please read this issue, or try Linux/Unix.

Failed propType: Invalid prop `AAA` of type `BBB` supplied to `CCC` , expected `DDD` . Check the render method of `EEE` .

Please read the corresponding documentation of the `antd` 's version which you are currently using, and make sure that you pass values with correct type to `antd` 's components,

Unknown option: xxx/package.json.presets

Check out this answer from Stack Overflow.

Invariant Violation: findComponentRoot(...): Unable to find element.

You may have imported `React` twice. Set `React` & `ReactDOM` as external, if you are using webpack, see #525. If you are using others (browserify, etc...), please read their documentation and find options which can set `React` & `ReactDOM` as external.