Accordion

The accordion component allows the user to show and hide sections of related content on a page.

An accordion is a lightweight container that may either be used standalone, or be connected to a larger surface, such as a card.

{{"component": "modules/components/ComponentLinkHeader.js"}}

> **Note:** *Accordions are no longer documented in the [Material Design guidelines](), but MUI will continue to support them. It was formerly known as the "expansion panel".*

Basic accordion

{{"demo": "BasicAccordion.js", "bg": true}}

Controlled accordion

Extend the default behavior to create an accordion with the `Accordion` component.

{{"demo": "ControlledAccordions.js", "bg": true}}

Customization

Here is an example of customizing the component. You can learn more about this in the [overrides documentation page]().

{{"demo": "CustomizedAccordions.js"}}

Performance

The content of Accordions is mounted by default even if the accordion is not expanded. This default behavior has server-side rendering and SEO in mind. If you render expensive component trees inside your accordion details or simply render many accordions it might be a good idea to change this default behavior by enabling the `unmountOnExit` in `TransitionProps` :

```
<Accordion TransitionProps={{ unmountOnExit: true }} />
```

As with any performance optimization this is not a silver bullet. Be sure to identify bottlenecks first and then try out these optimization strategies.

Accessibility

(WAI-ARIA: https://www.w3.org/TR/wai-aria-practices/#accordion)

For optimal accessibility we recommend setting `id` and `aria-controls` on the `AccordionSummary` . The `Accordion` will derive the necessary `aria-labelledby` and `id` for the content region of the accordion.