

# Groups

# Accordion

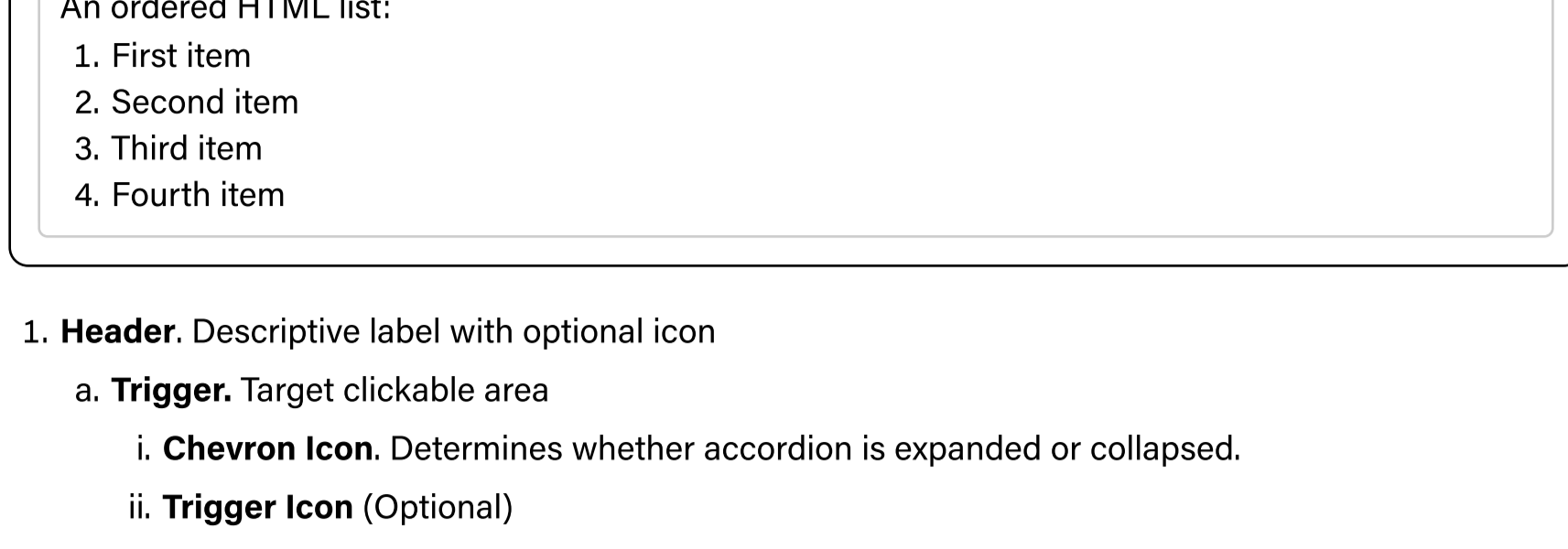
- [Overview](#)
- [Anatomy](#)
- [Props](#)
- [Variants](#)
- [Accessibility](#)
- [Usage Guidelines](#)

## Overview

Showcases multiple content sections which can be collapsed or expanded. Mostly useful when organizing related information into meaningful sections or when screen space is limited.



## Anatomy



1. **Header.** Descriptive label with optional icon
  - a. **Trigger.** Target clickable area
    - i. **Chevron Icon.** Determines whether accordion is expanded or collapsed.
    - ii. **Trigger Icon (Optional)**
    - iii. **Title**
2. **Body.** Revealed content shown when accordion is expanded

## Props

<By assigned dev>

## Variants

### Intent

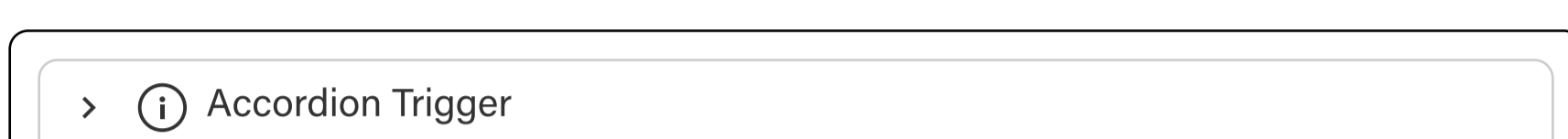
- **Default.** Basic accordion used in most places



- **Primary.** Used when the intent is to highlight or add emphasis. Additionally, they work in conjunction with Secondary styles when establishing a parent-child relationship for nested accordions.

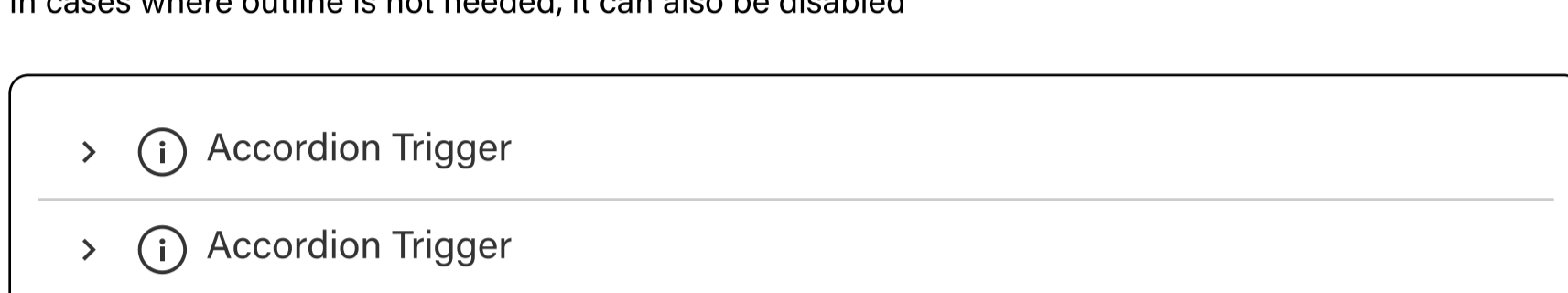


- **Secondary.** Provides a much subtle style and is mostly used together with the Primary accordion

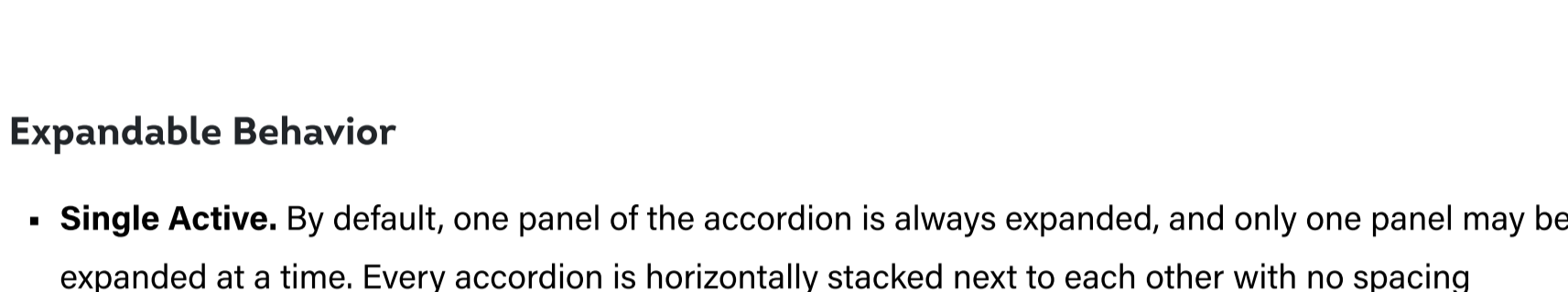


### Outline

Apart from the horizontal divider, an outline border is shown by default to wrap every accordion.



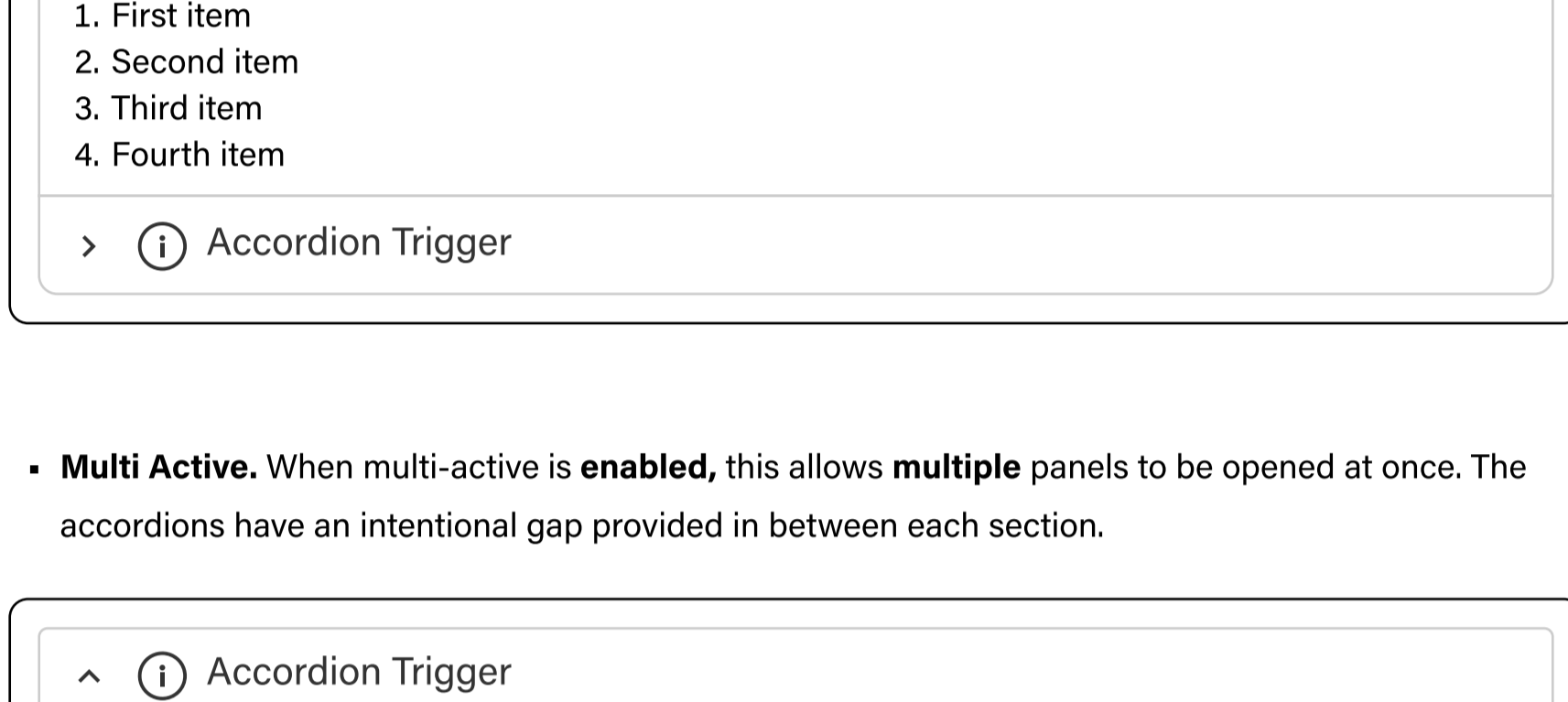
In cases where outline is not needed, it can also be disabled



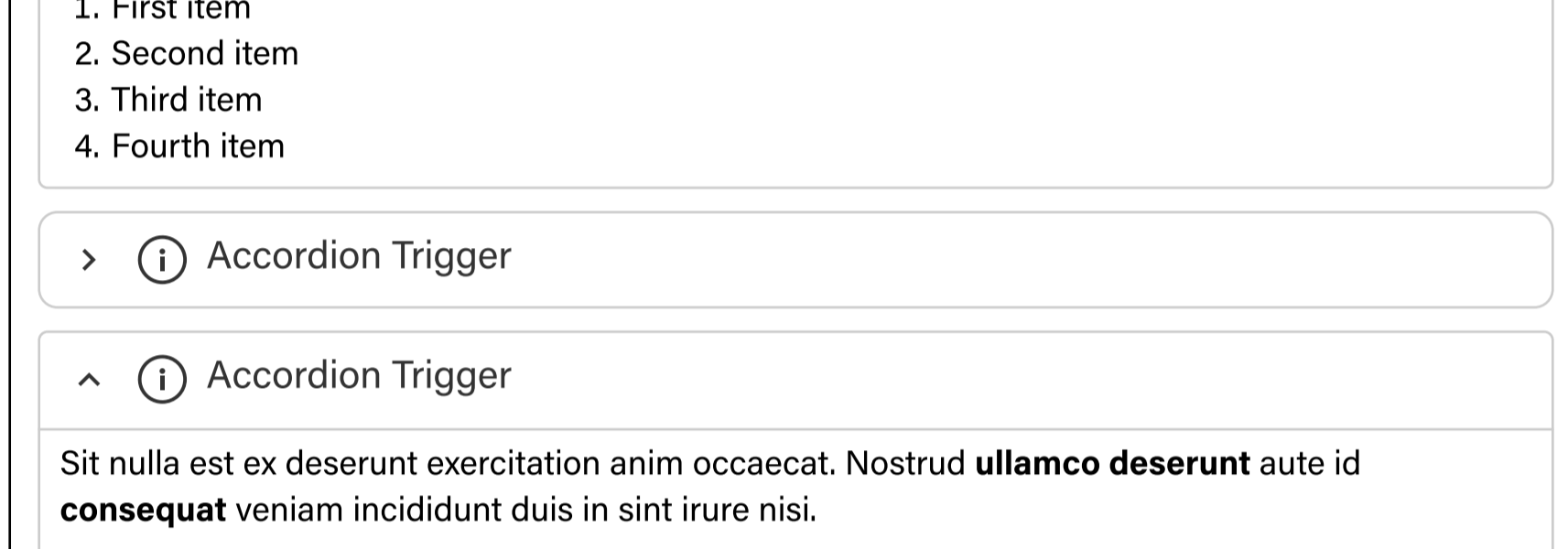
### Expandable Behavior

- **Single Active.** By default, one panel of the accordion is always expanded, and only one panel may be expanded at a time. Every accordion is horizontally stacked next to each other with no spacing provided.

Notice how the **expanded** state changes in appearance when clicked.

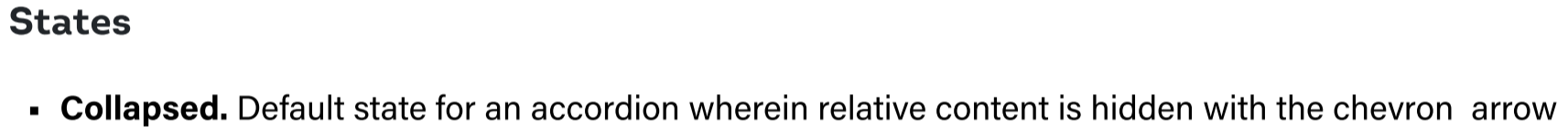


- **Multi Active.** When multi-active is **enabled**, this allows **multiple** panels to be opened at once. The accordions have an intentional gap provided in between each section.

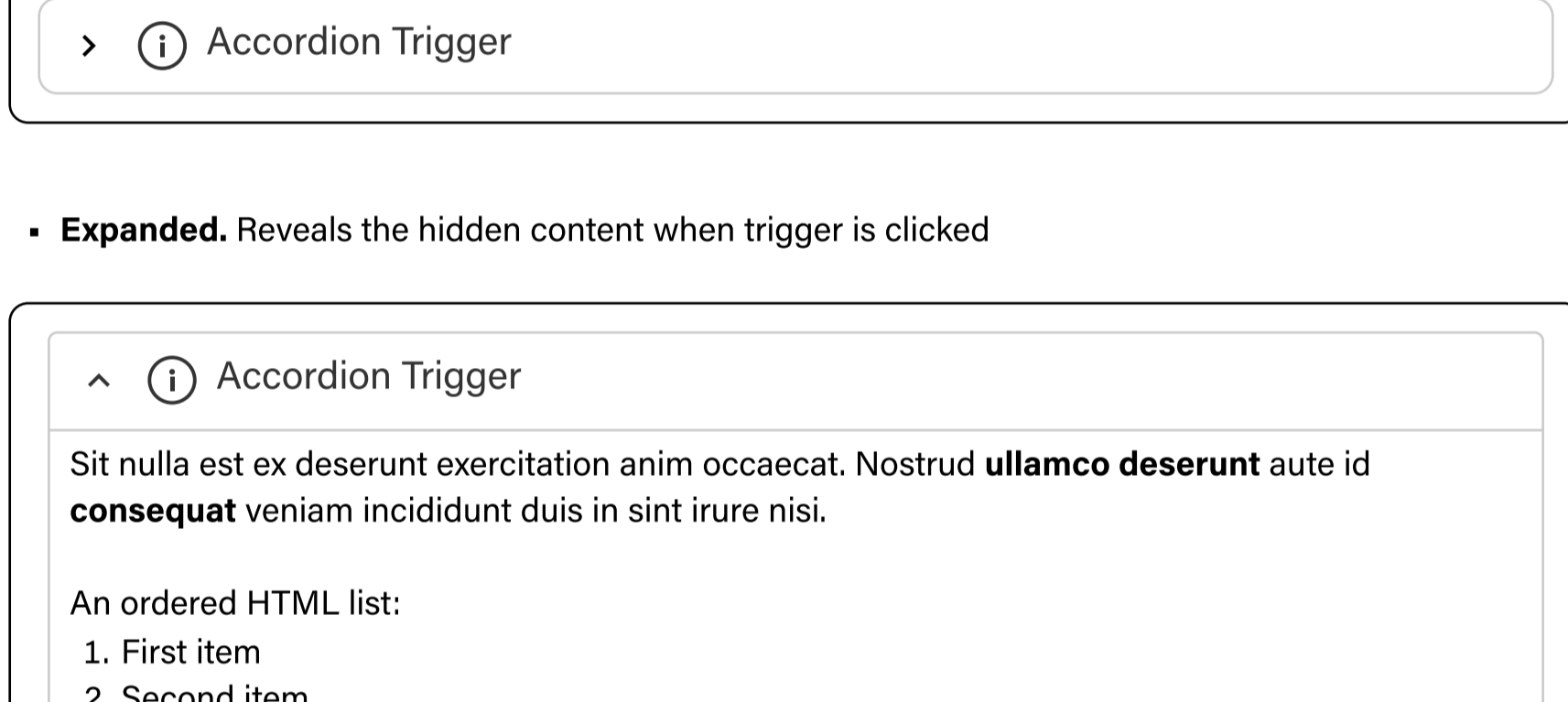


### States

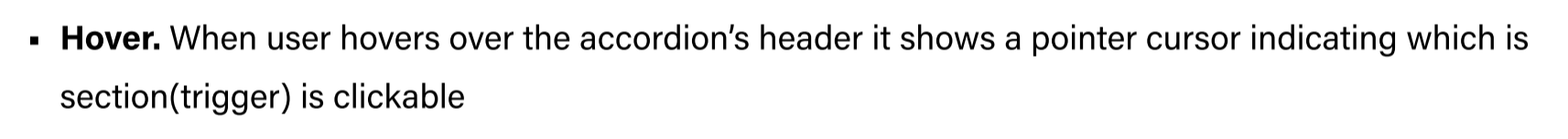
- **Collapsed.** Default state for an accordion wherein relative content is hidden with the chevron arrow pointing to the right



- **Expanded.** Reveals the hidden content when trigger is clicked



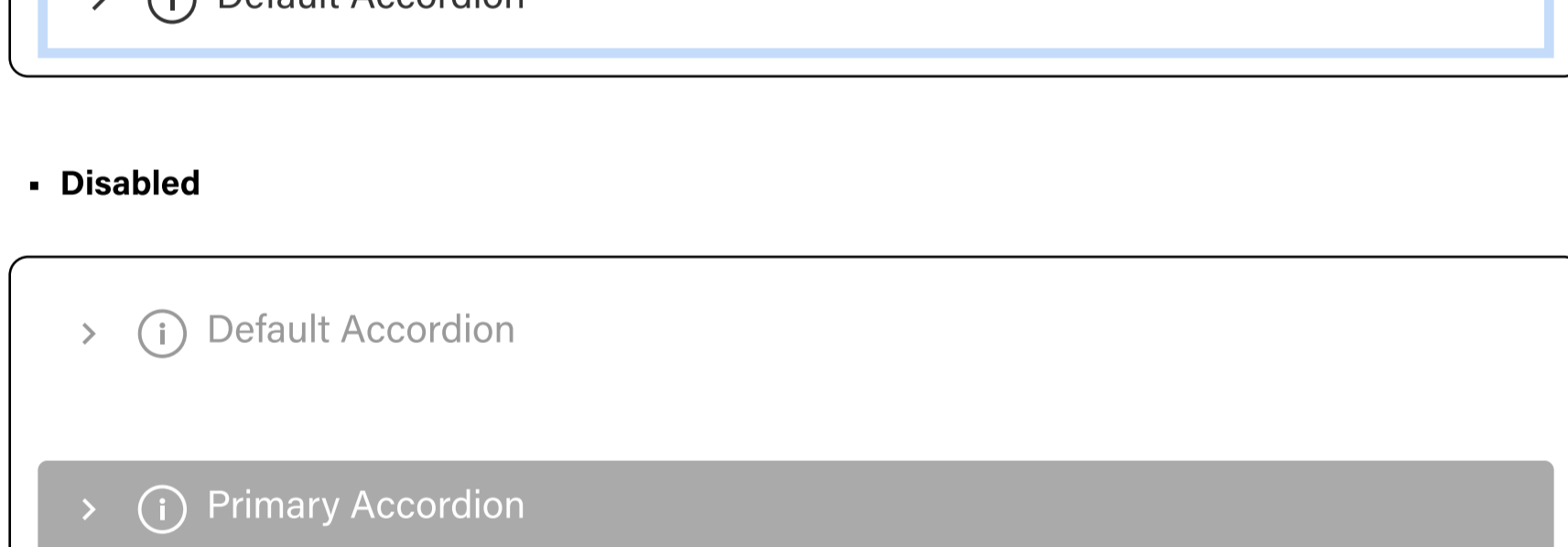
- **Hover.** When user hovers over the accordion's header it shows a pointer cursor indicating which is section(trigger) is clickable



### Focus



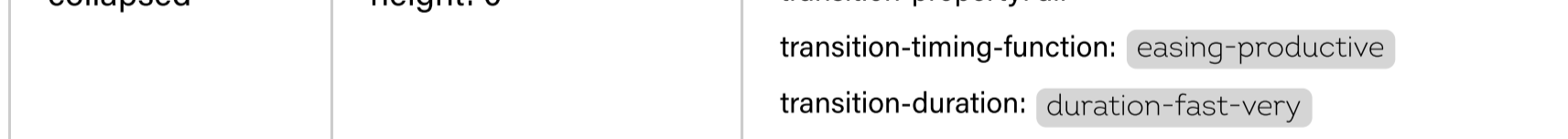
### Disabled



### Animation

Body slides up/down when expanded or collapsed respectively

State	Height	Transition Value
collapsed	height: 0	transition-property: all transition-timing-function: <code>easing-productive</code> transition-duration: <code>duration-fast-very</code>
expand	height: auto	N.A

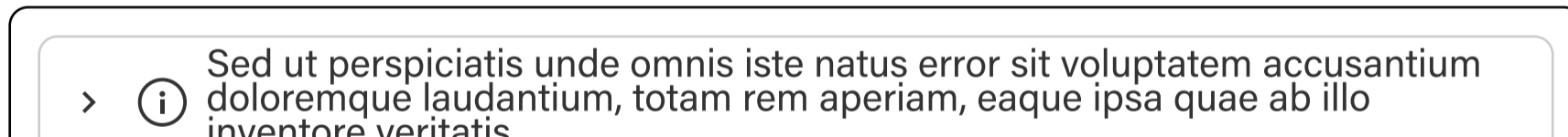


## Additional Behavior

### Trigger Text Overflow

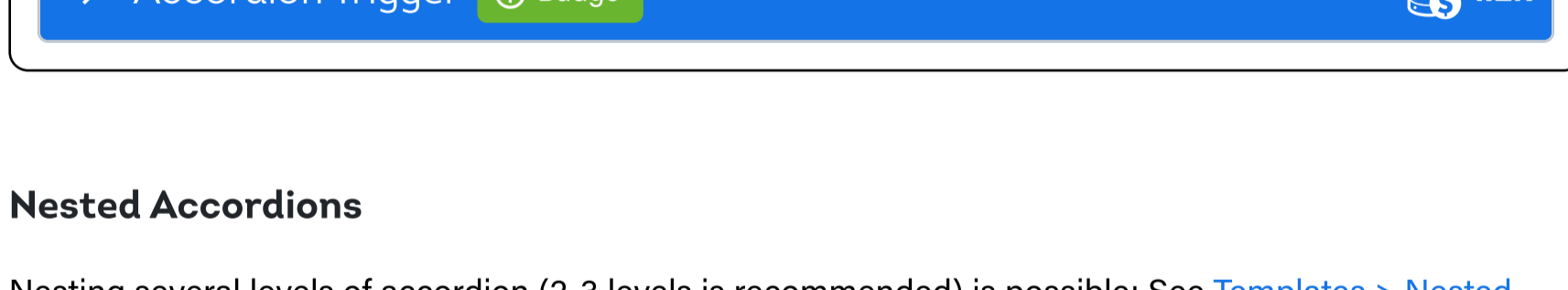


### Custom Header



### Nested Accordions

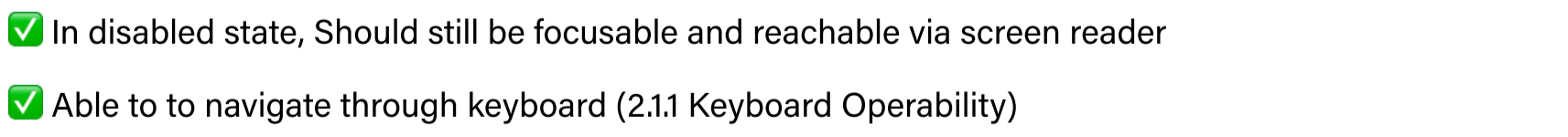
Nesting several levels of accordion (2-3 levels is recommended) is possible; See [Templates > Nested Accordions](#) for implementation details.



## Accessibility

- ✔ Be sure to add "aria-expanded" to the control element as true or false when expanded or collapsed respectively
- ✔ Titles must be clear and purposeful. In the case that header section is hidden, modal must still be labeled properly (S.C 2.4.6 Heading and Labels)
- ✔ Use appropriate semantic markup (SC 4.1.2 Name, Role, Value (Level A), SC 1.3.1 Info and Relationships (Level A))
- ✔ Has a contrast ratio of at least 4.5:1 for small text (WCAG 2.0 1.4.3) and at least 3:1 for large text (WCAG 2.0 1.4.3).
- ✔ Pointer target minimum dimensions is at least 24x24 (SC 2.5.8 Target Size (Minimum) (Level AA))
- ✔ In disabled state, Should still be focusable and reachable via screen reader
- ✔ Able to to navigate through keyboard (2.1.1 Keyboard Operability)
- ✔ Focus indicator is clear and distinguishable (SC 2.4.11 Focus Appearance (Level AA))

## Usage Guidelines



- ✔ **Do**  
Keep accordion title in a Title format

- ❌ **Don't**  
Don't use Sentence case or All-caps

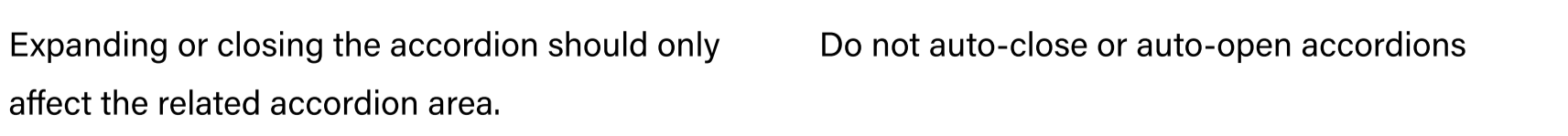
- ✔ **Do**  
Expanding or closing the accordion should only affect the related accordion area.

- ❌ **Don't**  
Do not auto-close or auto-open accordions



- ✔ **Do**  
Group related information

- ❌ **Don't**  
Avoid randomly grouping different sets of information in the accordion



- ✔ **Do**  
Limit nesting accordions. 2 to 3 levels is recommended

- ❌ **Don't**  
Avoid multiple levels of accordions

## Changelogs:

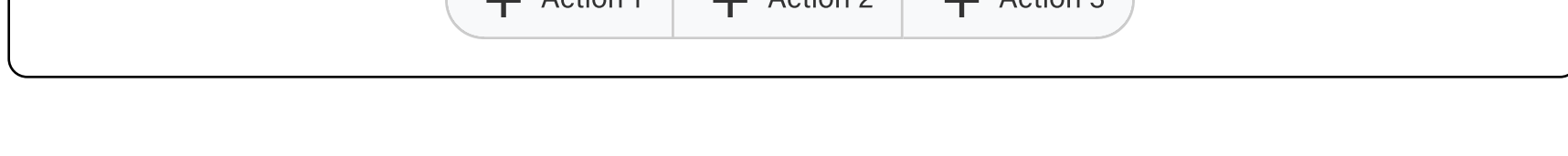
- 10/09/2023 Initial doc release
- 10/26/2023 Updated border radius + default intent bg color

# Button Group

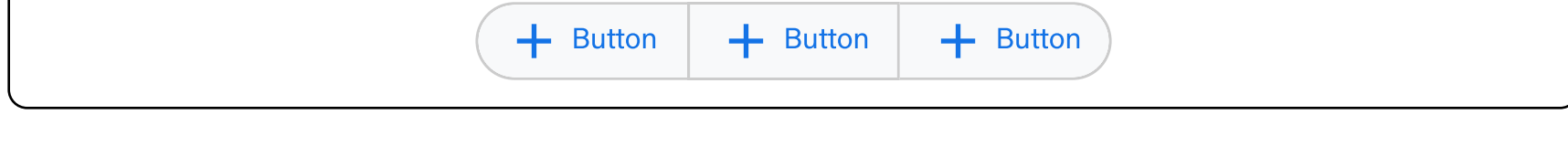
- [Overview](#)
- [Anatomy](#)
- [Props](#)
- [Variants](#)
- [Accessibility](#)
- [Usage Guidelines](#)

## Overview

Set of buttons that are visually connected to one another that perform related actions or options. Useful for aligning buttons logically that shares a particular relationship with each other.



## Anatomy



1. **Group Label** (Optional). Describes the group of actions/options
2. **Buttons**. Group of related buttons

## Props

<By assigned dev>

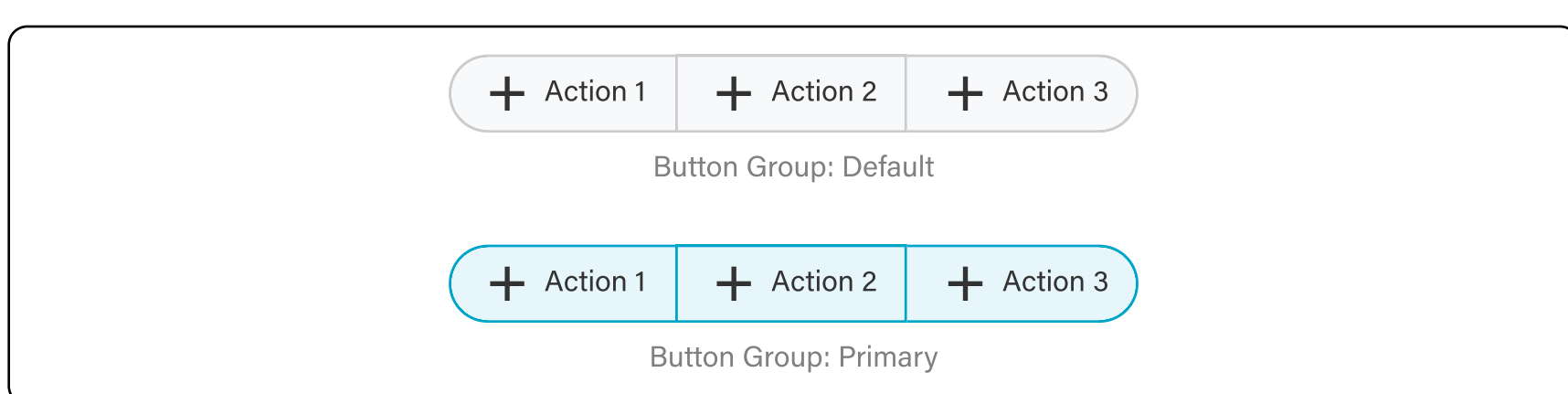
## Variants

### Selection Mode

- **Non-selectable**

By default, Button groups are used when putting together a series of buttons having related actions.

Note: If non-selectable, you can set the button groups appearance to any of the available intents in a button (See [Button > Intents](#)). Majority of the pages uses Default or Primary



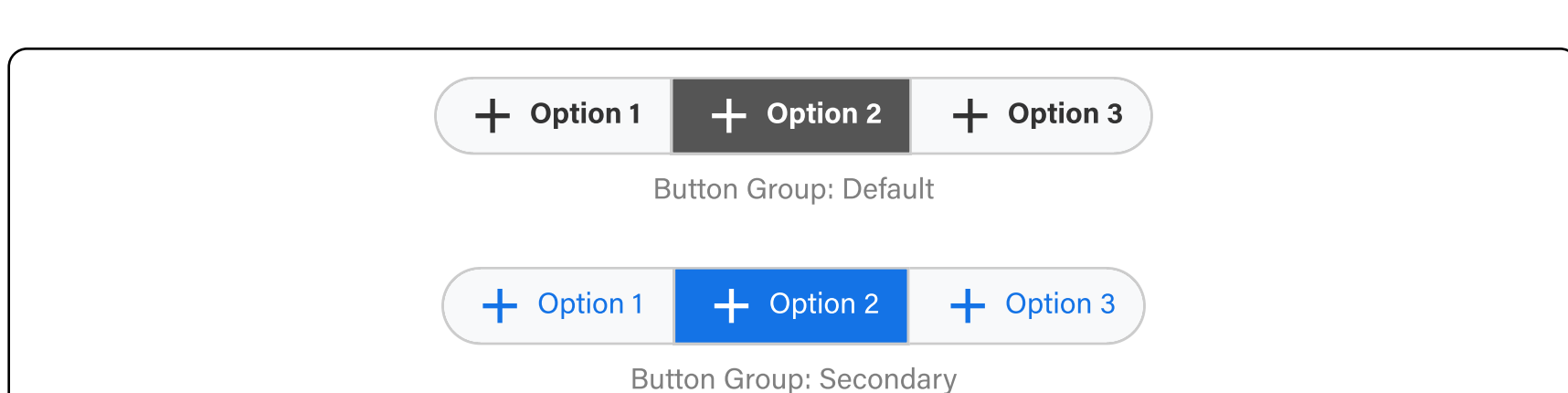
- **Toggle**

When in selection mode, single selection makes the connected buttons as selectable options that can be toggled. Only one of the available button options can be selected at a time.

Note: Selection based button group is only available in two intents: Default, Secondary

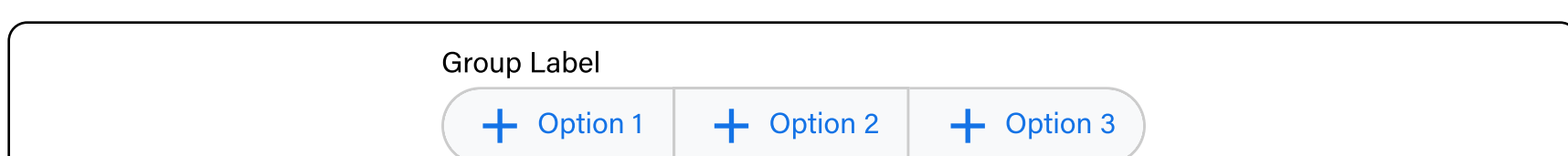
**Default** When button group is used as a control UI element where selected state is needed, like showing or hiding panels, switching between different views (grid or list), or moving between pages (pagination) just to name a few.

**Secondary** When button group is meant to be used as an input in a form



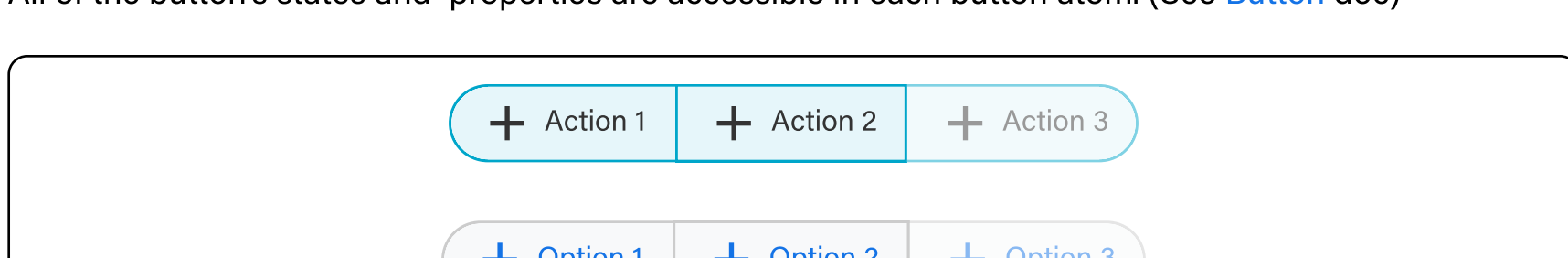
### Button Group with Label

When used in a form or as an input, a label is available to describe the button group



### States

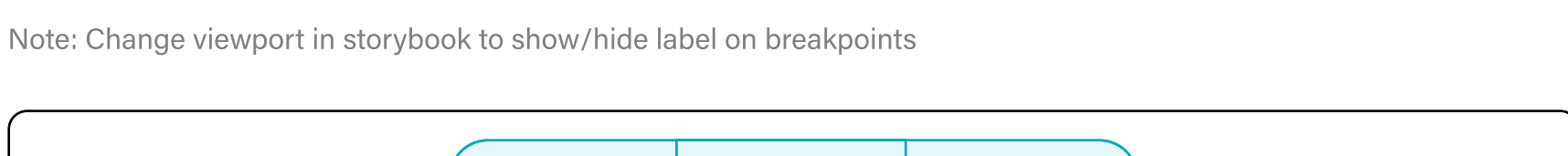
All of the button's states and properties are accessible in each button atom. (See [Button doc](#))



### Display Property

When screen space is limited, button groups can display only the icons with the label shown via tooltip. Using the buttons [display property](#) to target when to show/hide its labels at certain breakpoints.

Note: Change viewport in storybook to show/hide label on breakpoints



## Data Handling

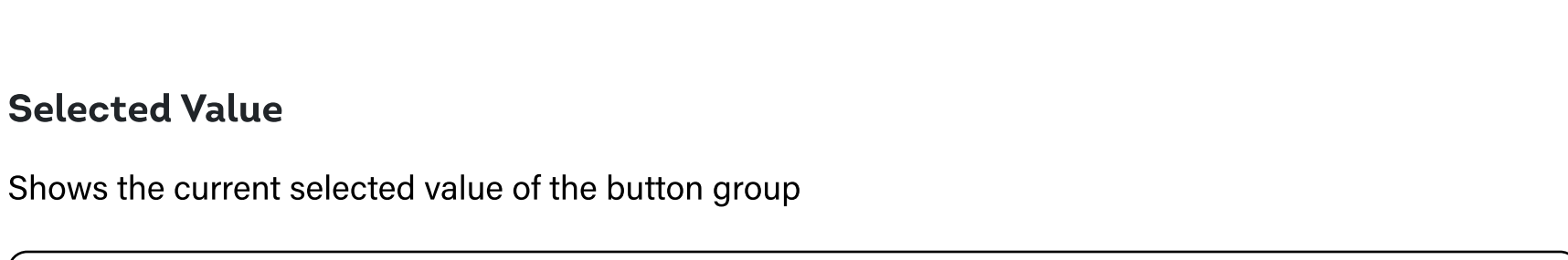
This is available when in **toggle mode**; either **default** or **secondary**

### Default Value



### Selected Value

Shows the current selected value of the button group



## Accessibility

✅ Assign parent element with role="group" to convey relationship (SC 4.1.2 Name, Role, Value (Level A), SC 1.3.1 Info and Relationships (Level A))

✅ Buttons inside of a button group follow the same guidelines as the [button component](#).

✅ Has a contrast ratio of at least 4.5:1 for small text (WCAG 2.0 1.4.3)

✅ Pointer target minimum dimensions is at least 24x24 (SC 2.5.8 Target Size (Minimum) (Level AA))

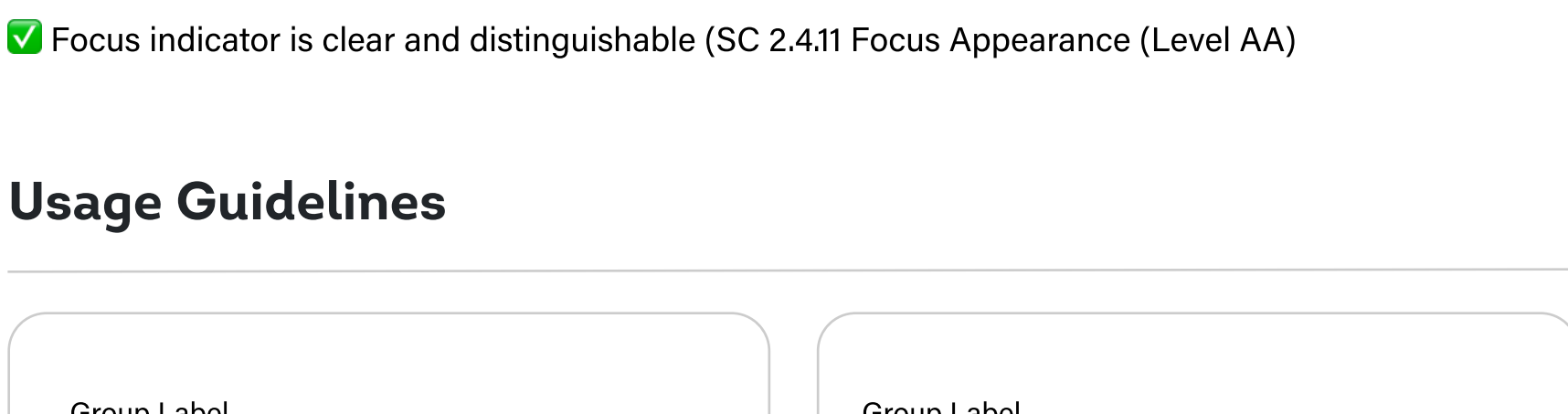
✅ Provide alternative way of presenting label for icon only buttons (WCAG 2.1: 1.1.1 Non-text Content)

✅ In disabled state, Should still be focusable and reachable via screen reader

✅ Able to navigate through keyboard (2.1.1 Keyboard Operability)

✅ Focus indicator is clear and distinguishable (SC 2.4.11 Focus Appearance (Level AA))

## Usage Guidelines

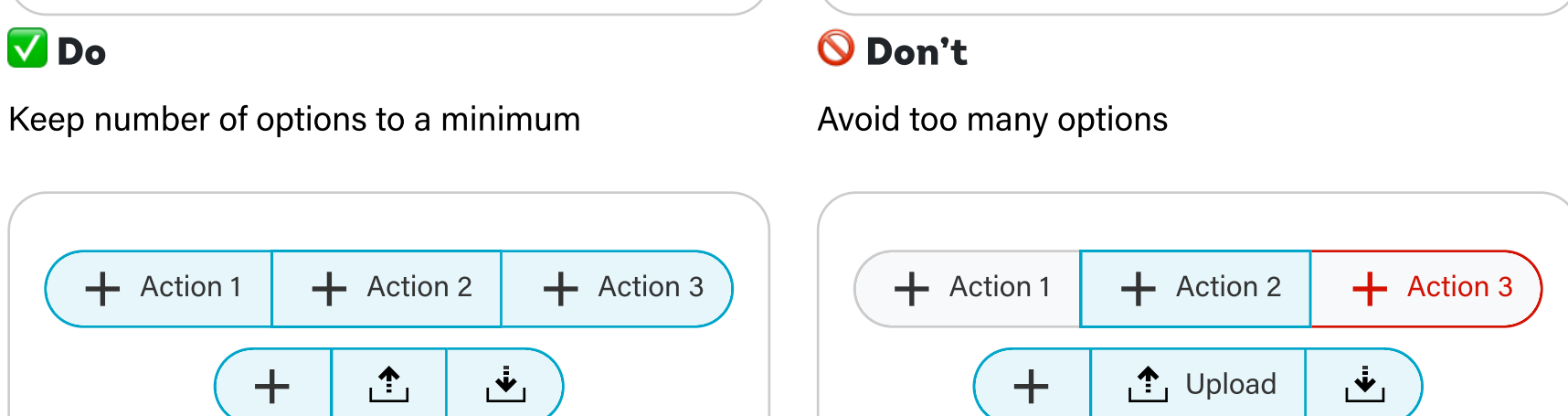


✅ **Do**

Keep number of options to a minimum

❌ **Don't**

Avoid too many options

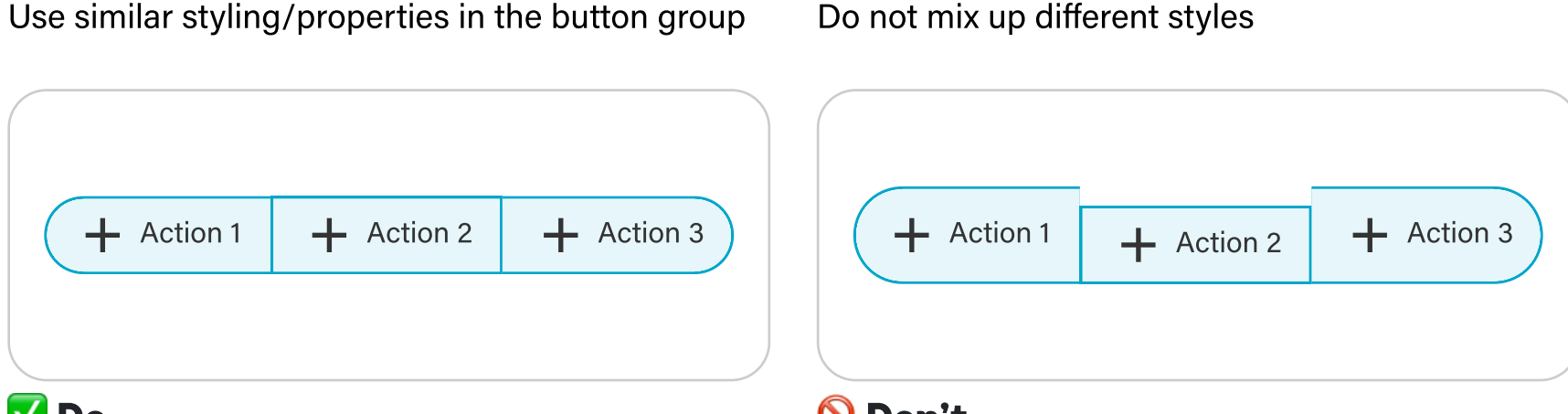


✅ **Do**

Use similar styling/properties in the button group

❌ **Don't**

Do not mix up different styles

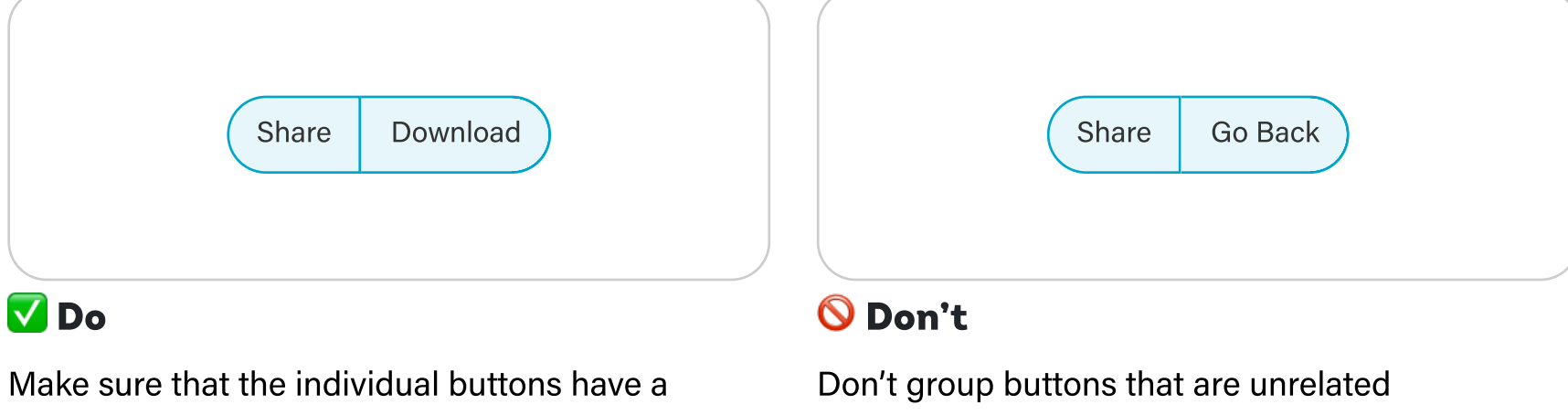


✅ **Do**

Use similar sizes for all the buttons

❌ **Don't**

Do not mix up different sizes



✅ **Do**

Make sure that the individual buttons have a logical connection with each other

❌ **Don't**

Don't group buttons that are unrelated

## Changelogs:

- 10/16/23 - Initial doc release (Raul)
- 10/18/23 - Move additional intents to Buttons

# Checkbox Group

- [Overview](#)
- [Anatomy](#)
- [Props](#)
- [Variants](#)
- [Accessibility](#)
- [Usage Guidelines](#)

## Overview

Contains group of [checkbox](#) options where one or more options can be selected

Group Label

**Checkbox Option 1**

Checkbox Option 2

Checkbox Option 3

## Anatomy

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

1. **Group Label.** Describes the group of options
2. **Checkboxes.** Group of checkbox options

## Props

<By assigned dev>

## Variants

### Layout

Checkbox groups can be organized either in a vertical or horizontal layout. By default, it follows a vertical layout. Switching to a horizontal layout is particularly helpful when screen space is limited.

- **Vertical (Default)**

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- **Horizontal**

Group Label

Checkbox Option 1    Checkbox Option 2    Checkbox Option 3

### States

All of the checkboxes' states are accessible in each checkbox atom. (See [Checkbox doc](#))

Group Label

**Checkbox Option 1**

Checkbox Option 2

Checkbox Option 3

## Data Handling

### Selected Value

Shows the current selected value of the checkbox group

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

Selected value is: <show here>

## Accessibility

- ✅ Use appropriate semantic markup using fieldset and legend (SC 4.1.2 Name, Role, Value (Level A), SC 1.3.1 Info and Relationships (Level A))
- ✅ The checkboxes are contained in or owned by an element with "role= checkbox"
- ✅ The checkbox group element has a visible label
- ✅ Has a contrast ratio of at least 4.5:1 for small text (WCAG 2.0 1.4.3)
- ✅ Pointer target minimum dimensions is at least 24x24 (SC 2.5.8 Target Size (Minimum) (Level AA))
- ✅ In disabled state, Should still be focusable and reachable via screen reader
- ✅ Able to navigate through keyboard (2.1.1 Keyboard Operability)
- ✅ Focus indicator is clear and distinguishable (SC 2.4.11 Focus Appearance (Level AA))

## Usage Guidelines

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ✅ **Do**  
Always label checkbox groups

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ❌ **Don't**  
Avoid making the label empty

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ✅ **Do**  
Use Title Case for group labels

GROUP LABEL

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ❌ **Don't**  
Don't use Sentence case or All-caps

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ✅ **Do**  
Use when one or more options can be selected

Group Label

Checkbox Option 1

Checkbox Option 2

Checkbox Option 3

- ❌ **Don't**  
Don't use when only one item should be selected

Select Rows

Row 1

Row 2

Row 3

- ✅ **Do**  
Be mindful of how to arrange the options in the group; If possible keep the default selected on top or the most popular or common option

Select Rows

Row 2

Row 1

Row 3

- ❌ **Don't**  
Avoid randomly arranging options