Package 'calcite'

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Title Bindings to the Calcite Design System 'JavaScript' Component Library

Version 0.1.0

Description Provides access to the 'Calcite Design System' 'javascript' components via integration with the 'htmltools' and 'shiny' packages. Pre-built and interactive components can be used to generate either static html or interactive web applications. Learn more about the 'Calcite Design System' at <https://developers.arcgis.com/calcite-design-system/>.

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Repository CRAN

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Contents

| calcite_accordion | *Create a Accordion component* |

Description

Create a Accordion component

Usage

```
calcite_accordion(...)
```

Arguments

| ... | named attributes passed to `htmltools::tag()` |

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
appearance	appearance	Specifies the appearance of the component.
iconPosition	icon-position	Specifies the placement of the icon in the header.
iconType	icon-type	Specifies the type of the icon in the header.
scale	scale	Specifies the size of the component.
selectionMode	selection-mode	Specifies the selection mode of the component, where: "multiple" allows any number of

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-accordion-items`. `calcite-accordion` cannot be nested, however `calcite`

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_accordion()
```

---

calcite_accordion_item

Create a AccordionItem component

Description

Create a AccordionItem component

Usage

```
calcite_accordion_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
description	description	Specifies a description for the component.
expanded	expanded	When `true`, the component is expanded.
heading	heading	Specifies heading text for the component.
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-to-left ("r
iconStart	icon-start	Specifies an icon to display at the start of the component.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content, including nested `calcite-accordion-items`.
actions-end	A slot for adding `calcite-actions` or content to the end side of the component's header.
actions-start	A slot for adding `calcite-actions` or content to the start side of the component's header.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_accordion_item()
```

---

calcite_action	*Create a Action component*

Description

Create a Action component

Usage

```
calcite_action(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is highlighted.
alignment	alignment	Specifies the horizontal alignment of button elements with text content.
appearance	appearance	Specifies the appearance of the component.
compact	compact	When `true`, the side padding of the component is reduced.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).
indicator	indicator	When `true`, displays a visual indicator.
label	label	Specifies the label of the component. If no label is provided, the label inherits what's prov
loading	loading	When `true`, a busy indicator is displayed.
messageOverrides	NA	Use this property to override individual strings used by the component.
scale	scale	Specifies the size of the component.
text	text	Specifies text that accompanies the icon.
textEnabled	text-enabled	Indicates whether the text is displayed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding a `calcite-icon`.
tooltip	Deprecated Use the `calcite-tooltip` component instead.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_action()
```

---

calcite_action_bar *Create a ActionBar component*

Description

Create a ActionBar component

Usage

```
calcite_action_bar(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
actionsEndGroupLabel	actions-end-group-label	Specifies the accessible label for the last `calcite-action-group`.
expandDisabled	expand-disabled	When `true`, the expand-toggling behavior is disabled.
expanded	expanded	When `true`, the component is expanded.
layout	layout	Specifies the layout direction of the actions.
messageOverrides	NA	Use this property to override individual strings used by the componer
overflowActionsDisabled	overflow-actions-disabled	Disables automatically overflowing `calcite-actions` that won't fit i
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Us
position	position	Arranges the component depending on the element's `dir` property.
scale	scale	Specifies the size of the expand `calcite-action`.

Events:

The following events are observed by shiny:

Event	Description
calciteActionBarToggle	Fires when the expanded property is toggled.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-actions` that will appear at the top of the component.
bottom-actions	Deprecated Use the "actions-end" slot instead. A slot for adding `calcite-actions` that will appear at
actions-end	A slot for adding `calcite-actions` that will appear at the end of the component, prior to the collapse/ex
expand-tooltip	A slot to set the `calcite-tooltip` for the expand toggle.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_action_bar()
```

---

calcite_action_group   *Create a ActionGroup component*

Description

Create a ActionGroup component

Usage

```
calcite_action_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
columns	columns	Indicates number of columns.
expanded	expanded	When `true`, the component is expanded.
label	label	Accessible name for the component.
layout	layout	Indicates the layout of the component.
menuFlipPlacements	NA	Specifies the component's fallback menu `placement` when it's initial or specifie
menuOpen	menu-open	When `true`, the `calcite-action-menu` is open.
menuPlacement	menu-placement	Determines where the action menu will be positioned.
messageOverrides	NA	Use this property to override individual strings used by the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using `"abso`
scale	scale	Specifies the size of the `calcite-action-menu`.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding a group of `calcite-actions`.
menu-actions	A slot for adding an overflow menu with `calcite-actions` inside a `calcite-dropdown`.
menu-tooltip	A slot for adding a `calcite-tooltip` for the menu.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_action_group()
```

---

calcite_action_pad   *Create a ActionPad component*

Description

Create a ActionPad component

Usage

```
calcite_action_pad(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
actionsEndGroupLabel	actions-end-group-label	Specifies the accessible label for the last `calcite-action-group`.
expandDisabled	expand-disabled	When `true`, the expand-toggling behavior is disabled.
expanded	expanded	When `true`, the component is expanded.
layout	layout	Indicates the layout of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using
position	position	Arranges the component depending on the element's `dir` property.
scale	scale	Specifies the size of the expand `calcite-action`.

Events:

The following events are observed by shiny:

Event	Description
calciteActionPadToggle	Fires when the expanded property is toggled.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-actions` to the component.
expand-tooltip	A slot to set the `calcite-tooltip` for the expand toggle.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_action_pad()
```

---

calcite_alert	*Create a Alert component*

Description

Create a Alert component

Usage

```
calcite_alert(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Alerts are meant to provide a way to communicate urgent or important information to users, frequently as a result of an action they took in your app. Alerts are positioned at the bottom of the page. Multiple opened alerts will be added to a queue, allowing users to dismiss them in the order they are provided.

Properties:

The following properties are provided by this component:

Name	Attribute	Description
autoClose	auto-close	When `true`, the component closes automatically. Recommended for passive, non-
autoCloseDuration	auto-close-duration	Specifies the duration before the component automatically closes - only use with a
icon	icon	When `true`, shows a default recommended icon. Alternatively, pass a Calcite UI I
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left ("r
kind	kind	Specifies the kind of the component, which will apply to top border and icon.
label	label	Specifies an accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
open	open	When `true`, displays and positions the component.
placement	placement	Specifies the placement of the component.
queue	queue	Specifies the ordering priority of the component when opened.
scale	scale	Specifies the size of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteAlertBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteAlertBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition
calciteAlertClose	Fires when the component is closed and animation is complete.

calciteAlertOpen   Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

Slot	Description
title	A slot for adding a title to the component.
message	A slot for adding main text to the component.
link	A slot for adding a `calcite-action` to take from the component such as: "undo", "try again", "link to page", et
actions-end	A slot for adding `calcite-actions` to the end of the component. It is recommended to use two or fewer actions

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_alert()
```

---

calcite_avatar   *Create a Avatar component*

Description

Create a Avatar component

Usage

```
calcite_avatar(...)
```

Arguments

...   named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
fullName	full-name	Specifies the full name of the user. When `label` and `thumbnail` are not defined, specifies the access
label	label	Specifies alternative text when `thumbnail` is defined, otherwise specifies an accessible label.

scale	scale	Specifies the size of the component.
thumbnail	thumbnail	Specifies the `src` to an image (remember to add a token if the user is private).
userId	user-id	Specifies the unique id of the user.
username	username	Specifies the username of the user.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_avatar()
```

---

calcite_block   *Create a Block component*

Description

Create a Block component

Usage

```
calcite_block(...)
```

Arguments

| ... | named attributes passed to `htmltools::tag()` |

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
collapsible	collapsible	When `true`, the component is collapsible.
description	description	A description for the component, which displays below the heading.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower
dragDisabled	drag-disabled	When `true`, and a parent Block Group is `dragEnabled`, the component is not dr
dragHandle	drag-handle	When `true`, the component displays a draggable button.
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper document str
iconEnd	icon-end	Specifies an icon to display at the end of the component.

iconFlipRtl	icon-flip-rtl	Displays the iconStart and/or iconEnd as flipped when the element direction i
iconStart	icon-start	Specifies an icon to display at the start of the component.
label	label	Specifies an accessible name for the component.
loading	loading	When true, a busy indicator is displayed.
menuFlipPlacements	NA	Specifies the component's fallback menu placement when it's initial or specifie
menuPlacement	menu-placement	Determines where the action menu will be positioned.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When true, expands the component and its contents.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absol
sortHandleOpen	sort-handle-open	When true, displays and positions the sort handle.
status	status	Displays a status-related indicator icon.

Events:

The following events are observed by shiny:

Event	Description
calciteBlockBeforeClose	Fires when the component is requested to be closed and before the closing transition be
calciteBlockBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the openi
calciteBlockClose	Fires when the component is closed and animation is complete.
calciteBlockOpen	Fires when the component is open and animation is complete.
calciteBlockSortHandleBeforeClose	Fires when the sort handle is requested to be closed and before the closing transition be
calciteBlockSortHandleBeforeOpen	Fires when the sort handle is added to the DOM but not rendered, and before the openi
calciteBlockSortHandleClose	Fires when the sort handle is closed and animation is complete.
calciteBlockSortHandleOpen	Fires when the sort handle is open and animation is complete.
calciteBlockToggle	Fires when the component's header is clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.
actions-end	A slot for adding actionable calcite-action elements after the content of the component. It is recom
icon	Deprecated A slot for adding a leading header icon with calcite-icon. Use icon-start instead.
content-start	A slot for adding non-actionable elements before content of the component.
control	Deprecated A slot for adding a single HTML input element in a header. Use actions-end instead.
header-menu-actions	A slot for adding an overflow menu with calcite-actions inside a dropdown menu.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_block()
```

---

calcite_block_section   *Create a BlockSection component*

Description

Create a BlockSection component

Usage

```
calcite_block_section(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-t
iconStart	icon-start	Specifies an icon to display at the start of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When `true`, expands the component and its contents.
status	status	Displays a status-related indicator icon.
text	text	The component header text.
toggleDisplay	toggle-display	Specifies how the component's toggle is displayed, where: "button" sets the toggle to a

Events:

The following events are observed by shiny:

Event	Description
calciteBlockSectionToggle	Fires when the header has been clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_block_section()
```

---

calcite_button   *Create a Button component*

Description

Create a Button component

Usage

```
calcite_button(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Passing a 'href' will render an anchor link, instead of a button. Role will be set to link, or button, depending on this. It is the consumers responsibility to add aria information, rel, target, for links, and any button attributes for form submission

Properties:

The following properties are provided by this component:

Name	Attribute	Description
alignment	alignment	Specifies the alignment of the component's elements.
appearance	appearance	Specifies the appearance style of the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
download	download	Prompts the user to save the linked URL instead of navigating to it. Can be used with or w
form	form	The `id` of the form that will be associated with the component. When not set, the compone
href	href	Specifies the URL of the linked resource, which can be set as an absolute or relative path.
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-to-l
iconStart	icon-start	Specifies an icon to display at the start of the component.

kind	kind	Specifies the kind of the component, which will apply to the border and background if app
label	label	Accessible name for the component.
loading	loading	When `true`, a busy indicator is displayed and interaction is disabled.
messageOverrides	NA	Use this property to override individual strings used by the component.
name	name	Specifies the name of the component on form submission.
rel	rel	Defines the relationship between the `href` value and the current document.
round	round	When `true`, adds a round style to the component.
scale	scale	Specifies the size of the component.
splitChild	split-child	Specifies if the component is a child of a `calcite-split-button`.
target	target	Specifies where to open the linked document defined in the `href` property.
type	type	Specifies the default behavior of the component.
width	width	Check API reference

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_button()
```

---

calcite_card *Create a Card component*

Description

Create a Card component

Usage

```
calcite_card(...)
```

Arguments

| ... | named attributes passed to `htmltools::tag()` |

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower op
label	label	Accessible name for the component.
loading	loading	When `true`, a busy indicator is displayed.
messageOverrides	NA	Use this property to override individual strings used by the component.
selectable	selectable	When `true`, the component is selectable.
selected	selected	When `true`, the component is selected.
thumbnailPosition	thumbnail-position	Sets the placement of the thumbnail defined in the `thumbnail` slot.

Events:

The following events are observed by shiny:

Event	Description
calciteCardSelect	Fires when the deprecated `selectable` is true, or `selectionMode` set on parent `calcite-card-group` is

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding content.
title	[Deprecated] use `heading` instead. A slot for adding a heading.
subtitle	[Deprecated] use `description` instead. A slot for adding a description.
thumbnail	A slot for adding a thumbnail.
heading	A slot for adding a heading.
description	A slot for adding a description.
footer-start	A slot for adding a leading footer.
footer-end	A slot for adding a trailing footer.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_card()
```

---

calcite_card_group   *Create a CardGroup component*

Description

Create a CardGroup component

Usage

```
calcite_card_group(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
label	label	Accessible name for the component.
selectedItems	NA	Specifies the component's selected items.
selectionMode	selection-mode	Specifies the selection mode of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteCardGroupSelect	Emits when the component's selection changes and the `selectionMode` is not `none`.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding one or more `calcite-cards`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_card_group()
```

---

calcite_carousel   *Create a Carousel component*

Description

Create a Carousel component

Usage

```
calcite_carousel(...)
```

Arguments

...	named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
arrowType	arrow-type	Specifies how and if the "previous" and "next" arrows are displayed.
autoplay	autoplay	When true, the carousel will autoplay and controls will be displayed. When "pause
autoplayDuration	autoplay-duration	When autoplay is true, specifies in milliseconds the length of time to display each
controlOverlay	control-overlay	Specifies if the component's controls are positioned absolutely on top of slotted Car
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opa
label	label	Accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
selectedItem	NA	The component's selected calcite-carousel-item.

Events:

The following events are observed by shiny:

Event	Description
calciteCarouselChange	Fires when the selected calcite-carousel-item changes.
calciteCarouselPause	Fires when the carousel autoplay state pauses due to a user hovering over the component or focusing
calciteCarouselPlay	Fires when the carousel autoplay is invoked by the user.
calciteCarouselResume	Fires when the carousel autoplay state resumes due to a user no longer hovering over the component
calciteCarouselStop	Fires when the carousel autoplay state is stopped by a user.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-carousel-items`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_carousel()
```

---

calcite_carousel_item   *Create a CarouselItem component*

Description

Create a CarouselItem component

Usage

```
calcite_carousel_item(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values	Reflects to Attribute
label	label	Accessible name for the component.	string	FALSE
selected	selected	When `true`, the component is selected.	boolean	TRUE

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_carousel_item()
```

---

calcite_checkbox   *Create a Checkbox component*

Description

Create a Checkbox component

Usage

```
calcite_checkbox(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
checked	checked	When `true`, the component is checked.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
form	form	The `id` of the form that will be associated with the component. When not set, the component
indeterminate	indeterminate	When `true`, the component is initially indeterminate, which is independent from its checked
label	label	Accessible name for the component.
name	name	Specifies the name of the component. Required to pass the component's `value` on form subm
required	required	When `true` and the component resides in a form, the component must have a value in order f
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteCheckboxChange	Fires when the component's checked status changes.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_checkbox()
```

---

calcite_chip	*Create a Chip component*

Description

Create a Chip component

Usage

```
calcite_chip(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
appearance	appearance	Specifies the appearance style of the component.
closable	closable	When `true`, a close button is added to the component.
closed	closed	When `true`, hides the component.
closeOnDelete	close-on-delete	When `true`, the component closes when the Delete or Backspace key is pressed while
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity

icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (`"rtl"`)
kind	kind	Specifies the kind of the component, which will apply to border and background if app
label	label	Accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
scale	scale	Specifies the size of the component. When contained in a parent `calcite-chip-group`
selected	selected	When `true`, the component is selected.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteChipClose	Fires when the component's close button is selected.
calciteChipSelect	Fires when the selected state of the component changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.
image	A slot for adding an image.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_chip()
```

---

calcite_chip_group	*Create a ChipGroup component*

Description

Create a ChipGroup component

Usage

```
calcite_chip_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
label	label	Accessible name for the component.
scale	scale	Specifies the size of the component. Child `calcite-chips` inherit the component's value.
selectedItems	NA	Specifies the component's selected items.
selectionMode	selection-mode	Specifies the selection mode of the component, where: `"multiple"` allows any number of

Events:

The following events are observed by shiny:

Event	Description
calciteChipGroupSelect	Fires when the component's selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding one or more `calcite-chips`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_chip_group()
```

---

calcite_color_picker   *Create a ColorPicker component*

Description

Create a ColorPicker component

Usage

```
calcite_color_picker(...)
```

Arguments

...   named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
allowEmpty	allow-empty	When `true`, an empty color (`null`) will be allowed as a `value`. When `false`, a colo
alphaChannel	alpha-channel	When `true`, the component will allow updates to the color's alpha value.
channelsDisabled	channels-disabled	When `true`, hides the RGB/HSV channel inputs.
clearable	clearable	When `true`, an empty color (`null`) will be allowed as a `value`. When `false`, a colo
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opa
format	format	The format of `value`. When `"auto"`, the format will be inferred from `value` when s
hexDisabled	hex-disabled	When `true`, hides the hex input.
messageOverrides	NA	Use this property to override individual strings used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
savedDisabled	saved-disabled	When `true`, hides the saved colors section.
scale	scale	Specifies the size of the component.
storageId	storage-id	Specifies the storage ID for colors.
value	value	The component's value, where the value can be a CSS color string, or a RGB, HSL

Events:

The following events are observed by shiny:

Event	Description
calciteColorPickerChange	Fires when the color value has changed.
calciteColorPickerInput	Fires as the color value changes. Similar to the `calciteColorPickerChange` event with the exce

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_color_picker()
```

| calcite_combobox | *Create a Combobox component* |

Description

Create a Combobox component

Usage

```
calcite_combobox(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
allowCustomValues	allow-custom-values	When `true`, allows entry of custom values, which are not in the original s
clearDisabled	clear-disabled	When `true`, the value-clearing will be disabled.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with
filteredItems	NA	Specifies the component's filtered items.
filterProps	NA	Specifies the properties to match against when filtering. If not set, all prop
filterText	filter-text	Text for the component's filter input field.
flipPlacements	NA	Specifies the component's fallback slotted content placement when it's in
form	form	The `id` of the form that will be associated with the component. When not
label	label	Accessible name for the component.
maxItems	max-items	Specifies the maximum number of `calcite-combobox-items` (including
messageOverrides	NA	Use this property to override individual strings used by the component.
name	name	Specifies the name of the component. Required to pass the component's v
open	open	When `true`, displays and positions the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using
placeholder	placeholder	Specifies the placeholder text for the input.
placeholderIcon	placeholder-icon	Specifies the placeholder icon for the input.
placeholderIconFlipRtl	placeholder-icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-t
readOnly	read-only	When `true`, the component's value can be read, but controls are not acce
required	required	When `true` and the component resides in a form, the component must ha

scale	scale	Specifies the size of the component.
selectedItems	NA	Specifies the component's selected items.
selectionDisplay	selection-display	When selectionMode is "ancestors" or "multiple", specifies the disp
selectionMode	selection-mode	Specifies the selection mode of the component, where: "multiple" allow
status	status	Specifies the status of the input field, which determines message and icon
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value(s) from the selected calcite-combobox-item(s)

Events:

The following events are observed by shiny:

Event	Description
calciteComboboxBeforeClose	Fires when the component is requested to be closed, and before the closing transition begins.
calciteComboboxBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening tra
calciteComboboxChange	Fires when the selected item(s) changes.
calciteComboboxChipClose	Fires when a selected item in the component is closed via its calcite-chip.
calciteComboboxClose	Fires when the component is closed and animation is complete.
calciteComboboxFilterChange	Fires when text is added to filter the options list.
calciteComboboxOpen	Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

| Slot | Description |
| Default (unnamed) | A slot for adding calcite-combobox-items. |

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation]

Examples

```
calcite_combobox()
```

calcite_combobox_item   *Create a ComboboxItem component*

Description

Create a ComboboxItem component

Usage

```
calcite_combobox_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is active.
ancestors	NA	Specifies the parent and grandparent items, which are set on `calcite-combobox`.
description	description	A description for the component, which displays below the heading.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
filterDisabled	filter-disabled	When `true`, omits the component from the `calcite-combobox` filtered search results.
guid	guid	The id attribute of the component. When omitted, a globally unique identifier is used.
heading	heading	The component's text.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left ("rtl").
label	label	The component's label.
metadata	NA	Provides additional metadata to the component used in filtering.
selected	selected	When `true`, the component is selected.
shortHeading	short-heading	The component's short heading. When provided, the short heading will be displayed in the co
textLabel	text-label	The component's text.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteComboboxItemChange	Fires whenever the component is selected or unselected.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding nested `calcite-combobox-items`.
content-end	A slot for adding non-actionable elements after the component's content.
content-start	A slot for adding non-actionable elements before the component's content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_combobox_item()
```

---

calcite_combobox_item_group

Create a ComboboxItemGroup component

Description

Create a ComboboxItemGroup component

Usage

```
calcite_combobox_item_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
ancestors	NA	Specifies the parent and grandparent `calcite-combobox-items`, which are set on `calcite-combobox`
label	label	Specifies the title of the component.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-combobox-items`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_combobox_item_group()
```

---

calcite_date_picker   *Create a DatePicker component*

Description

Create a DatePicker component

Usage

```
calcite_date_picker(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
activeDate	NA	Specifies the component's active date.
activeRange	active-range	When `range` is true, specifies the active `range`. Where "start'
headingLevel	heading-level	Specifies the heading level of the component's `heading` for pro
layout	layout	Defines the layout of the component.
max	max	When the component resides in a form, specifies the latest allow
maxAsDate	NA	Specifies the latest allowed date as a full date object (new Date
messageOverrides	NA	Use this property to override individual strings used by the com
min	min	When the component resides in a form, specifies the earliest all

minAsDate	NA	Specifies the earliest allowed date as a full date object (new Dat
monthStyle	month-style	Specifies the monthStyle used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component f
proximitySelectionDisabled	proximity-selection-disabled	When true, disables the default behavior on the third click of n
range	range	When true, activates the component's range mode to allow a st
scale	scale	Specifies the size of the component.
value	value	Check API reference
valueAsDate	NA	Check API reference

Events:

The following events are observed by shiny:

Event	Description
calciteDatePickerChange	Fires when a user changes the component's date. For range events, use calciteDatePicke
calciteDatePickerRangeChange	Fires when a user changes the component's date range. For components without range use

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_date_picker()
```

---

calcite_dialog   *Create a Dialog component*

Description

Create a Dialog component

Usage

```
calcite_dialog(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
beforeClose	NA	Passes a function to run before the component closes.
closeDisabled	close-disabled	When true, disables the component's close button.
description	description	A description for the component.
dragEnabled	drag-enabled	When true, the component is draggable.
escapeDisabled	escape-disabled	When true, disables the default close on escape behavior. By default, an op
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's heading for proper documen
kind	kind	Specifies the kind of the component, which will style the top border.
loading	loading	When true, a busy indicator is displayed.
menuOpen	menu-open	When true, the action menu items in the header-menu-actions slot are op
messageOverrides	NA	Use this property to override individual strings used by the component.
modal	modal	When true, displays a scrim blocking interaction underneath the componen
open	open	When true, displays and positions the component.
outsideCloseDisabled	outside-close-disabled	When true, disables the closing of the component when clicked outside.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "ab
placement	placement	Specifies the placement of the dialog.
resizable	resizable	When true, the component is resizable.
scale	scale	Specifies the size of the component.
width	width	Specifies the width of the component.
widthScale	width-scale	Specifies the width of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteDialogBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteDialogBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transitio
calciteDialogClose	Fires when the component is closed and animation is complete.
calciteDialogOpen	Fires when the component is open and animation is complete.
calciteDialogScroll	Fires when the content is scrolled.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding content.
content	Deprecated Use custom-content slot instead.
custom-content	A slot for displaying custom content. Will prevent the rendering of any default Dialog UI, except for b
action-bar	A slot for adding a calcite-action-bar to the component.
alerts	A slot for adding calcite-alerts to the component.
content-bottom	A slot for adding content below the unnamed (default) slot and - if populated - the footer slot.

content-top	A slot for adding content above the unnamed (default) slot and - if populated - below the action-bar
header-actions-start	A slot for adding actions or content to the starting side of the component's header.
header-actions-end	A slot for adding actions or content to the ending side of the component's header.
header-content	A slot for adding custom content to the component's header.
header-menu-actions	A slot for adding an overflow menu with actions inside a calcite-dropdown.
fab	A slot for adding a calcite-fab (floating action button) to perform an action.
footer	A slot for adding custom content to the component's footer. Should not be used with the "footer-sta
footer-end	A slot for adding a trailing footer custom content. Should not be used with the "footer" slot.
footer-start	A slot for adding a leading footer custom content. Should not be used with the "footer" slot.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_dialog()
```

---

calcite_dropdown   *Create a Dropdown component*

Description

Create a Dropdown component

Usage

```
calcite_dropdown(...)
```

Arguments

...	named attributes passed to htmltools::tag()

Details

Properties:
The following properties are provided by this component:

Name	Attribute	Description
closeOnSelectDisabled	close-on-select-disabled	When true, the component will remain open after a selection is made. If
disabled	disabled	When true, interaction is prevented and the component is displayed with
flipPlacements	NA	Specifies the component's fallback calcite-dropdown-item placement
maxItems	max-items	Specifies the maximum number of calcite-dropdown-items to display

open	open	When `true`, displays and positions the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using
placement	placement	Determines where the component will be positioned relative to the contai
scale	scale	Specifies the size of the component.
selectedItems	NA	Specifies the component's selected items.
type	type	Specifies the action to open the component from the container element.
width	width	Specifies the width of the component.
widthScale	width-scale	Specifies the width of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteDropdownBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteDropdownBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening tran
calciteDropdownClose	Fires when the component is closed and animation is complete.
calciteDropdownOpen	Fires when the component is open and animation is complete.
calciteDropdownSelect	Fires when a `calcite-dropdown-item`'s selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-dropdown-group` elements. Every `calcite-dropdown-item` must have a pa
trigger	A slot for the element that triggers the `calcite-dropdown`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_dropdown()
```

calcite_dropdown_group
Create a DropdownGroup component

Description

Create a DropdownGroup component

Usage

```
calcite_dropdown_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
groupTitle	group-title	Specifies and displays a group title.
selectionMode	selection-mode	Specifies the selection mode of the component, where: `"multiple"` allows any number of

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-dropdown-items`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_dropdown_group()
```

calcite_dropdown_item *Create a DropdownItem component*

Description

Create a DropdownItem component

Usage

```
calcite_dropdown_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
href	href	Specifies the URL of the linked resource, which can be set as an absolute or relative path. Determ
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-to-left ("r
iconStart	icon-start	Specifies an icon to display at the start of the component.
label	label	Accessible name for the component.
rel	rel	Specifies the relationship to the linked document defined in `href`.
selected	selected	When `true`, the component is selected.
target	target	Specifies the frame or window to open the linked document.

Events:

The following events are observed by shiny:

Event	Description
calciteDropdownItemSelect	Fires when the component is selected.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_dropdown_item()
```

---

calcite_fab   *Create a Fab component*

Description

Create a Fab component

Usage

```
calcite_fab(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Value
appearance	appearance	Specifies the appearance style of the component.	"outl
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boole
icon	icon	Specifies an icon to display.	string
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).	boole
kind	kind	Specifies the kind of the component, which will apply to border and background.	"bran
label	label	Accessible name for the component.	string
loading	loading	When `true`, a busy indicator is displayed.	boole
scale	scale	Specifies the size of the component.	"l" | '
text	text	Specifies text to accompany the component's icon.	string
textEnabled	text-enabled	When `true`, displays the `text` value in the component.	boole

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_fab()
```

---

calcite_filter	*Create a Filter component*

Description

Create a Filter component

Usage

```
calcite_filter(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
filteredItems	NA	The component's resulting items after filtering.
filterProps	NA	Specifies the properties to match against when filtering. This will only apply when value i
items	NA	Defines the items to filter. The component uses the values as the starting point, and returns
label	label	Specifies an accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
placeholder	placeholder	Specifies placeholder text for the input element.
scale	scale	Specifies the size of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteFilterChange	Fires when the filter text changes.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_filter()
```

`calcite_flow`   *Create a Flow component*

Description

Create a Flow component

Usage

```
calcite_flow(...)
```

Arguments

`...`   named attributes passed to `htmltools::tag()`

Details

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-flow-item` elements to the component.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_flow()
```

| calcite_flow_item | *Create a FlowItem component* |

Description

Create a FlowItem component

Usage

```
calcite_flow_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
beforeBack	NA	When provided, the method will be called before it is removed from its parent cal
beforeClose	NA	Passes a function to run before the component closes.
closable	closable	When `true`, displays a close button in the trailing side of the component's header.
closed	closed	When `true`, the component will be hidden.
collapsed	collapsed	When `true`, hides the component's content area.
collapsible	collapsible	When `true`, the component is collapsible.
description	description	A description for the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower o
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper document struc
loading	loading	When `true`, a busy indicator is displayed.
menuOpen	menu-open	When `true`, the action menu items in the `header-menu-actions` slot are open.
messageOverrides	NA	Use this property to override individual strings used by the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absolu
scale	scale	Specifies the size of the component.
selected	selected	When true, flow-item is displayed within a parent flow.
showBackButton	show-back-button	When `true`, displays a back button in the component's header.

Events:

The following events are observed by shiny:

Event	Description
calciteFlowItemBack	Fires when the back button is clicked.
calciteFlowItemClose	Fires when the close button is clicked.
calciteFlowItemScroll	Fires when the content is scrolled.

calciteFlowItemToggle   Fires when the collapse button is clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.
action-bar	A slot for adding a `calcite-action-bar` to the component.
alerts	A slot for adding `calcite-alerts` to the component.
content-top	A slot for adding content above the unnamed (default) slot and below the action-bar slot (if populated)
content-bottom	A slot for adding content below the unnamed (default) slot and above the footer slot (if populated)
header-actions-start	A slot for adding `calcite-actions` or content to the start side of the component's header.
header-actions-end	A slot for adding `calcite-actions` or content to the end side of the component's header.
header-content	A slot for adding custom content to the component's header.
header-menu-actions	A slot for adding an overflow menu with `calcite-actions` inside a `calcite-dropdown`.
fab	A slot for adding a `calcite-fab` (floating action button) to perform an action.
footer	A slot for adding custom content to the component's footer. Should not be used with the "footer-sta
footer-actions	[Deprecated] Use the "footer" slot instead. A slot for adding `calcite-buttons` to the component's fo
footer-end	A slot for adding a trailing footer custom content. Should not be used with the "footer" slot.
footer-start	A slot for adding a leading footer custom content. Should not be used with the "footer" slot.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_flow_item()
```

---

calcite_icon   *Create a Icon component*

Description

Create a Icon component

Usage

```
calcite_icon(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	V
flipRtl	flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).	b
icon	icon	Displays a specific icon.	st
preload	preload	When true, it loads preloads the icon data.	b
scale	scale	Specifies the size of the component.	"l
textLabel	text-label	Accessible name for the component. It is recommended to set this value if your icon is semantic.	st

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_icon()
```

---

calcite_inline_editable

Create a InlineEditable component

Description

Create a InlineEditable component

Usage

```
calcite_inline_editable(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
afterConfirm	NA	Specifies a callback to be executed prior to disabling editing via the controls. When pr...
controls	controls	When `true` and `editingEnabled` is `true`, displays save and cancel controls on the co...
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacit...
editingEnabled	editing-enabled	When `true`, inline editing is enabled on the component.
loading	loading	When `true`, a busy indicator is displayed.
messageOverrides	NA	Use this property to override individual strings used by the component.
scale	scale	Specifies the size of the component. Defaults to the scale of the wrapped `calcite-inp...

Events:

The following events are observed by shiny:

Event	Description
calciteInlineEditableEditCancel	Emits when the component's "cancel editing" button is pressed.
calciteInlineEditableEditConfirm	Emits when the component's "confirm edits" button is pressed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding a `calcite-input`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_inline_editable()
```

---

calcite_input	*Create a Input component*

Description

Create a Input component

Usage

```
calcite_input(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
accept	accept	Specifies a comma separated list of unique file type specifiers for limiting accepte
alignment	alignment	Specifies the text alignment of the component's value.
autocomplete	NA	Specifies the type of content to autocomplete, for use in forms. Read the native at
clearable	clearable	When `true`, a clear button is displayed when the component has a value. The clea
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower c
files	NA	When type is `"file"`, specifies the component's selected files.
form	form	The id of the form that will be associated with the component. When not set, the
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to
icon	icon	When `true`, shows a default recommended icon. Alternatively, pass a Calcite UI
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left ("
label	label	Accessible name for the component.
loading	loading	When `true`, a busy indicator is displayed.
max	max	When the component resides in a form, specifies the maximum value for type="
maxLength	max-length	When the component resides in a form, specifies the maximum length of text for
messageOverrides	NA	Use this property to override individual strings used by the component.
min	min	When the component resides in a form, specifies the minimum value for type="
minLength	min-length	When the component resides in a form, specifies the minimum length of text for t
multiple	multiple	When `true`, the component can accept more than one value. This property only h
name	name	Specifies the name of the component. Required to pass the component's value o
numberButtonType	number-button-type	Specifies the placement of the buttons for type=`"number"`.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
pattern	pattern	When the component resides in a form, specifies a regular expression (regex) patt
placeholder	placeholder	Specifies placeholder text for the component.
prefixText	prefix-text	Adds text to the start of the component.
readOnly	read-only	When `true`, the component's value can be read, but cannot be modified.
required	required	When `true` and the component resides in a form, the component must have a val

scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
step	step	Specifies the granularity the component's `value` must adhere to.
suffixText	suffix-text	Adds text to the end of the component.
type	type	Check API reference
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteInputChange	Fires each time a new `value` is typed and committed.
calciteInputInput	Fires each time a new `value` is typed.

Slots:

The following slots are provided by this component:

Slot	Description
action	A slot for positioning a `calcite-button` next to the component.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_input()
```

---

calcite_input_date_picker

Create a InputDatePicker component

Description

Create a InputDatePicker component

Usage

```
calcite_input_date_picker(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:
The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displ
flipPlacements	NA	Specifies the component's fallback `calcite-date-picker` pla
focusTrapDisabled	focus-trap-disabled	When `true`, prevents focus trapping.
form	form	The `id` of the form that will be associated with the component.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for prop
layout	layout	Defines the layout of the component.
max	max	When the component resides in a form, specifies the latest allow
maxAsDate	NA	Specifies the latest allowed date as a full date object.
messageOverrides	NA	Use this property to override individual strings used by the com
min	min	When the component resides in a form, specifies the earliest allo
minAsDate	NA	Specifies the earliest allowed date as a full date object.
monthStyle	month-style	Specifies the monthStyle used by the component.
name	name	Specifies the name of the component. Required to pass the com
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component f
open	open	When `true`, displays the `calcite-date-picker` component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid conter
placement	placement	Specifies the placement of the `calcite-date-picker` relative t
proximitySelectionDisabled	proximity-selection-disabled	When `true`, disables the default behavior on the third click of n
range	range	When `true`, activates a range for the component.
readOnly	read-only	When `true`, the component's value can be read, but controls are
required	required	When `true` and the component resides in a form, the componer
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the componer
validity	NA	The current validation state of the component.
value	value	Selected date as a string in ISO format (`"yyyy-mm-dd"`).
valueAsDate	NA	The component's value as a full date object.

Events:
The following events are observed by shiny:

Event	Description
calciteInputDatePickerBeforeClose	Fires when the component is requested to be closed and before the closing transition beg

calciteInputDatePickerBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the openin
calciteInputDatePickerChange	Fires when the component's value changes.
calciteInputDatePickerClose	Fires when the component is closed and animation is complete.
calciteInputDatePickerOpen	Fires when the component is open and animation is complete.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_input_date_picker()
```

---

calcite_input_message   *Create a InputMessage component*

Description

Create a InputMessage component

Usage

```
calcite_input_message(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
icon	icon	Specifies an icon to display.	boolean
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).	boolean
scale	scale	Specifies the size of the component.	"l" | "m
status	status	Specifies the status of the input field, which determines message and icons.	"idle" |

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_input_message()
```

---

calcite_input_number	*Create a InputNumber component*

Description

Create a InputNumber component

Usage

```
calcite_input_number(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
alignment	alignment	Specifies the text alignment of the component's value.
autocomplete	NA	Specifies the type of content to autocomplete, for use in forms. Read the native a
clearable	clearable	When `true`, a clear button is displayed when the component has a value.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower o
form	form	The `id` of the form that will be associated with the component. When not set, the
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left ("

integer	integer	When `true`, restricts the component to integer numbers only and disables expone
label	label	Accessible name for the component's button or hyperlink.
loading	loading	When `true`, the component is in the loading state and `calcite-progress` is disp
max	max	When the component resides in a form, specifies the maximum value.
maxLength	max-length	When the component resides in a form, specifies the maximum length of text for
messageOverrides	NA	Use this property to override individual strings used by the component.
min	min	When the component resides in a form, specifies the minimum value.
minLength	min-length	When the component resides in a form, specifies the minimum length of text for t
name	name	Specifies the name of the component. Required to pass the component's `value` on
numberButtonType	number-button-type	Specifies the placement of the buttons.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
placeholder	placeholder	Specifies placeholder text for the component.
prefixText	prefix-text	Adds text to the start of the component.
readOnly	read-only	When `true`, the component's value can be read, but cannot be modified.
required	required	When `true` and the component resides in a form, the component must have a val
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
step	step	Specifies the granularity that the component's value must adhere to.
suffixText	suffix-text	Adds text to the end of the component.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteInputNumberChange	Fires each time a new value is typed and committed.
calciteInputNumberInput	Fires each time a new value is typed.

Slots:

The following slots are provided by this component:

Slot	Description
action	A slot for positioning a button next to the component.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_input_number()
```

---

calcite_input_text   *Create a InputText component*

Description

Create a InputText component

Usage

```
calcite_input_text(...)
```

Arguments

...	named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
alignment	alignment	Specifies the text alignment of the component's value.
autocomplete	NA	Specifies the type of content to autocomplete, for use in forms. Read the native att
clearable	clearable	When true, a clear button is displayed when the component has a value.
disabled	disabled	When true, interaction is prevented and the component is displayed with lower op
form	form	The id of the form that will be associated with the component. When not set, the c
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When true, the icon will be flipped when the element direction is right-to-left ("r
label	label	Accessible name for the component's button or hyperlink.
loading	loading	When true, the component is in the loading state and calcite-progress is displa
maxLength	max-length	When the component resides in a form, specifies the maximum length of text for th
messageOverrides	NA	Use this property to override individual strings used by the component.
minLength	min-length	When the component resides in a form, specifies the minimum length of text for th
name	name	Specifies the name of the component. Required to pass the component's value on
pattern	pattern	When the component resides in a form, specifies a regular expression (regex) patte
placeholder	placeholder	Specifies placeholder text for the component.
prefixText	prefix-text	Adds text to the start of the component.
readOnly	read-only	When true, the component's value can be read, but cannot be modified.
required	required	When true and the component resides in a form, the component must have a valu
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
suffixText	suffix-text	Adds text to the end of the component.
validationIcon	validation-icon	Specifies the validation icon to display under the component.

validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteInputTextChange	Fires each time a new value is typed and committed.
calciteInputTextInput	Fires each time a new value is typed.

Slots:

The following slots are provided by this component:

Slot	Description
action	A slot for positioning a button next to the component.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_input_text()
```

---

calcite_input_time_picker

Create a InputTimePicker component

Description

Create a InputTimePicker component

Usage

```
calcite_input_time_picker(...)
```

Arguments

| ... | named attributes passed to `htmltools::tag()` |

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower o
focusTrapDisabled	focus-trap-disabled	When `true`, prevents focus trapping.
form	form	The `id` of the form that will be associated with the component. When not set, the
hourFormat	hour-format	Specifies the component's hour format, where: `"user"` displays the user's locale f
max	max	When the component resides in a form, specifies the maximum value.
messageOverrides	NA	Use this property to override individual strings used by the component.
min	min	When the component resides in a form, specifies the minimum value.
name	name	Specifies the name of the component on form submission.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
open	open	When `true`, displays the `calcite-time-picker` component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using `"absolu`
placement	placement	Determines where the popover will be positioned relative to the input.
readOnly	read-only	When `true`, the component's value can be read, but controls are not accessible an
required	required	When `true` and the component resides in a form, the component must have a valu
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
step	step	Specifies the granularity the component's `value` must adhere to (in seconds).
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The time value in ISO (24-hour) format.

Events:

The following events are observed by shiny:

Event	Description
calciteInputTimePickerBeforeClose	Fires when the component is requested to be closed and before the closing transition beg
calciteInputTimePickerBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the openin
calciteInputTimePickerChange	Fires when the component's `value` is changes.
calciteInputTimePickerClose	Fires when the component is closed and animation is complete.
calciteInputTimePickerOpen	Fires when the component is open and animation is complete.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_input_time_picker()
```

```
calcite_input_time_zone
```
Create a InputTimeZone component

Description

Create a InputTimeZone component

Usage

```
calcite_input_time_zone(...)
```

Arguments

...	named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
clearable	clearable	When true, an empty value (null) will be allowed as a value. When false, an o
disabled	disabled	When true, interaction is prevented and the component is displayed with lower op
form	form	The id of the form that will be associated with the component. When not set, the
maxItems	max-items	Specifies the component's maximum number of options to display before displayi
messageOverrides	NA	Use this property to override individual strings used by the component.
mode	mode	This specifies the type of value and the associated options presented to the user: U
name	name	Specifies the name of the component. Required to pass the component's value on
offsetStyle	offset-style	Specifies how the offset will be displayed, where "user" uses UTC or GMT dependi
open	open	When true, displays and positions the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absolu
readOnly	read-only	When true, the component's value can be read, but controls are not accessible and
referenceDate	reference-date	This date will be used as a reference to Daylight Savings Time when creating tim
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value, where the value is the time zone offset or the difference, i

Events:

The following events are observed by shiny:

Event	Description
calciteInputTimeZoneBeforeClose	Fires when the component is requested to be closed and before the closing transition beg
calciteInputTimeZoneBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening
calciteInputTimeZoneChange	Fires when the component's value changes.
calciteInputTimeZoneClose	Fires after the component is closed and animation is complete.
calciteInputTimeZoneOpen	Fires after the component is opened and animation is complete.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

Official Documentation

Examples

    calcite_input_time_zone()

---

calcite_label   *Create a Label component*

Description

Create a Label component

Usage

    calcite_label(...)

Arguments

... named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
alignment	alignment	Specifies the text alignment of the component.
for	for	Specifies the id of the component the label is bound to. Use when the component the label is bound
layout	layout	Defines the layout of the label in relation to the component. Use "inline" positions to wrap the labe
scale	scale	Specifies the size of the component.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text and a component that can be labeled.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_label()
```

---

calcite_link	*Create a Link component*

Description

Create a Link component

Usage

```
calcite_link(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Any attributes placed on `<calcite-link>` component will propagate to the rendered child Passing a 'href' will render an anchor link, instead of a span. Role will be set to link, or link, depending on this. It is the consumers responsibility to add aria information, rel, target, for links, and any link attributes for form submission

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.

download	download	Prompts the user to save the linked URL instead of navigating to it. Can be used with or without a
href	href	Specifies the URL of the linked resource, which can be set as an absolute or relative path.
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the iconStart and/or iconEnd as flipped when the element direction is right-to-left ("r
iconStart	icon-start	Specifies an icon to display at the start of the component.
rel	rel	Specifies the relationship to the linked document defined in href.
target	target	Specifies the frame or window to open the linked document.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

Official Documentation

Examples

calcite_link()

---

calcite_list   *Create a List component*

Description

Create a List component

Usage

calcite_list(...)

Arguments

...   named attributes passed to htmltools::tag()

Details

A general purpose list that enables users to construct list items that conform to Calcite styling.

Properties:

The following properties are provided by this component:

Name	Attribute	Description
canPull	NA	When provided, the method will be called to determine whether the element ca
canPut	NA	When provided, the method will be called to determine whether the element ca
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lowe
displayMode	display-mode	Specifies the nesting behavior of `calcite-list-items`, where `"flat"` display
dragEnabled	drag-enabled	When `true`, `calcite-list-items` are sortable via a draggable button.
filteredData	NA	The currently filtered `calcite-list-item` data.
filteredItems	NA	The currently filtered `calcite-list-items`.
filterEnabled	filter-enabled	When `true`, an input appears at the top of the component that can be used by e
filterLabel	filter-label	Specifies an accessible name for the filter input field.
filterPlaceholder	filter-placeholder	Placeholder text for the component's filter input field.
filterPredicate	NA	Specifies a function to handle filtering.
filterProps	NA	Specifies the properties to match against when filtering. If not set, all propertie
filterText	filter-text	Text for the component's filter input field.
group	group	The list's group identifier. To drag elements from one list into another, both lis
interactionMode	interaction-mode	Specifies the interaction mode of the component. `"interactive"` allows intera
label	label	Specifies an accessible name for the component. When `dragEnabled` is `true` a
loading	loading	When `true`, a busy indicator is displayed.
messageOverrides	NA	Use this property to override individual strings used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
scale	scale	Specifies the size of the component.
selectedItems	NA	The currently selected items.
selectionAppearance	selection-appearance	Specifies the selection appearance - `"icon"` (displays a checkmark or dot) or `"`
selectionMode	selection-mode	Specifies the selection mode of the component, where: `"multiple"` allows any

Events:

The following events are observed by shiny:

Event	Description
calciteListChange	Fires when the component's selected items have changed.
calciteListDragEnd	Fires when the component's dragging has ended.
calciteListDragStart	Fires when the component's dragging has started.
calciteListFilter	Fires when the component's filter has changed.
calciteListOrderChange	Fires when the component's item order changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-list-item` and `calcite-list-item-group` elements.

filter-actions-start	A slot for adding actionable `calcite-action` elements before the filter component.
filter-actions-end	A slot for adding actionable `calcite-action` elements after the filter component.
filter-no-results	When `filterEnabled` is `true`, a slot for adding content to display when no results are found.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_list()
```

---

calcite_list_item	*Create a ListItem component*

Description

Create a ListItem component

Usage

```
calcite_list_item(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closable	closable	When `true`, a close button is added to the component.
closed	closed	When `true`, hides the component.
description	description	A description for the component. Displays below the label text.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opac
dragDisabled	drag-disabled	When `true`, the item is not draggable.
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is righ
iconStart	icon-start	Specifies an icon to display at the start of the component.
label	label	The label text of the component. Displays above the description text.
messageOverrides	NA	Use this property to override individual strings used by the component.

metadata	NA	Provides additional metadata to the component. Primary use is for a filter on the pare
open	open	When true, the item is open to show child components.
scale	scale	Specifies the size of the component.
selected	selected	When true and the parent calcite-list's selectionMode is "single", "single-|
sortHandleOpen	sort-handle-open	When true, displays and positions the sort handle.
unavailable	unavailable	When true, the component's content appears inactive.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteListItemClose	Fires when the close button is clicked.
calciteListItemSelect	Fires when the component is selected.
calciteListItemSortHandleBeforeClose	Fires when the sort handle is requested to be closed and before the closing transition
calciteListItemSortHandleBeforeOpen	Fires when the sort handle is added to the DOM but not rendered, and before the ope
calciteListItemSortHandleClose	Fires when the sort handle is closed and animation is complete.
calciteListItemSortHandleOpen	Fires when the sort handle is open and animation is complete.
calciteListItemToggle	Fires when the open button is clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding calcite-list, calcite-list-item and calcite-list-item-group elements.
actions-start	A slot for adding actionable calcite-action elements before the content of the component.
content-start	A slot for adding non-actionable elements before the label and description of the component.
content	A slot for adding non-actionable, centered content in place of the label and description of the compo
content-end	A slot for adding non-actionable elements after the label and description of the component.
actions-end	A slot for adding actionable calcite-action elements after the content of the component.
content-bottom	A slot for adding content below the component's label and description.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_list_item()
```

calcite_list_item_group

Create a ListItemGroup component

Description

Create a ListItemGroup component

Usage

```
calcite_list_item_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boolean
heading	heading	The header text for all nested `calcite-list-item` rows.	string
scale	scale	Specifies the size of the component.	"l" | "m" | "s

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-list-item` and `calcite-list-item-group` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_list_item_group()
```

---

calcite_loader	*Create a Loader component*

Description

Create a Loader component

Usage

```
calcite_loader(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
inline	inline	When `true`, displays smaller and appears to the left of the text.
label	label	Accessible name for the component.
scale	scale	Specifies the size of the component.
text	text	Text that displays under the component's indicator.
type	type	Specifies the component type. Use `"indeterminate"` if finding actual progress value is impossible. Othe
value	value	The component's value. Valid only for `"determinate"` indicators. Percent complete of 100.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_loader()
```

---

calcite_menu *Create a Menu component*

Description

Create a Menu component

Usage

```
calcite_menu(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
label	label	Accessible name for the component.	string
layout	layout	Specifies the layout of the component.	"horizontal" | "vert
messageOverrides	NA	Use this property to override individual strings used by the component.	Check API referen

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_menu()
```

calcite_menu_item	*Create a MenuItem component*

Description

Create a MenuItem component

Usage

```
calcite_menu_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is highlighted.
breadcrumb	breadcrumb	When `true`, the component displays a breadcrumb trail for use as a navigational aid.
href	href	Specifies the URL destination of the component, which can be set as an absolute or relativ
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-to-
iconStart	icon-start	Specifies an icon to display at the start of the component.
label	label	Accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When `true`, the component will display any slotted `calcite-menu-item` in an open overf
rel	rel	Defines the relationship between the `href` value and the current document.
target	target	Specifies where to open the linked document defined in the `href` property.
text	text	Specifies the text to display.

Events:

The following events are observed by shiny:

Event	Description
calciteMenuItemSelect	Emits when the component is selected.

Slots:

The following slots are provided by this component:

Slot	Description
submenu-item	A slot for adding `calcite-menu-items` in a submenu.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_menu_item()
```

| calcite_meter | *Create a Meter component* |

Description

Create a Meter component

Usage

```
calcite_meter(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
appearance	appearance	Specifies the appearance style of the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opa
fillType	fill-type	Specifies the component's display, where `"single"` displays a single color and `"ra`
form	form	The `id` of the form that will be associated with the component. When not set, the co
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to t
high	high	Specifies a high value. When `fillType` is `"range"`, displays a different color when
label	label	Accessible name for the component.
low	low	Specifies a low value. When `fillType` is `"range"`, displays a different color when
max	max	Specifies the highest allowed value of the component.
min	min	Specifies the lowest allowed value of the component.
name	name	Specifies the name of the component. Required to pass the component's `value` on f
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
rangeLabels	range-labels	When `true`, displays the values of `high`, `low`, `min`, and `max`.

rangeLabelType	range-label-type	When `rangeLabels` is `true`, specifies the format of displayed labels.
scale	scale	Specifies the size of the component.
unitLabel	unit-label	When `rangeLabelType` is `"units"` and either `valueLabel` or `rangeLabels` are tr
value	value	Specifies the current value of the component.
valueLabel	value-label	When `true`, displays the current value.
valueLabelType	value-label-type	When `valueLabel` is `true`, specifies the format of displayed label.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_meter()
```

---

calcite_modal	*Create a Modal component*

Description

Use the `calcite-dialog` component instead.

Usage

```
calcite_modal(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
beforeClose	NA	Passes a function to run before the component closes.
closeButtonDisabled	close-button-disabled	When `true`, disables the component's close button.
docked	docked	When `true`, prevents the component from expanding to the entire screen on
escapeDisabled	escape-disabled	When `true`, disables the default close on escape behavior.
focusTrapDisabled	focus-trap-disabled	When `true`, prevents focus trapping.
fullscreen	fullscreen	Sets the component to always be fullscreen. Overrides `widthScale` and `-ca`

kind	kind	Specifies the kind of the component, which will apply to top border.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When true, displays and positions the component.
outsideCloseDisabled	outside-close-disabled	When true, disables the closing of the component when clicked outside.
scale	scale	Specifies the size of the component.
widthScale	width-scale	Specifies the width of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteModalBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteModalBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition
calciteModalClose	Fires when the component is closed and animation is complete.
calciteModalOpen	Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

Slot	Description
header	A slot for adding header text.
content	A slot for adding the component's content.
content-top	A slot for adding content to the component's sticky header, where content remains at the top of the compone
content-bottom	A slot for adding content to the component's sticky footer, where content remains at the bottom of the comp
primary	A slot for adding a primary button.
secondary	A slot for adding a secondary button.
back	A slot for adding a back button.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation]

Examples

```
calcite_modal()
```

---

calcite_navigation   *Create a Navigation component*

Description

Create a Navigation component

Usage

```
calcite_navigation(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
label	label	When `navigationAction` is `true`, specifies the label of the `calcite-action`.
navigationAction	navigation-action	When `true`, displays a `calcite-action` and emits a `calciteNavActionSelect` even

Events:

The following events are observed by shiny:

Event	Description
calciteNavigationActionSelect	When `navigationAction` is `true`, emits when the displayed action selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
logo	A slot for adding a `calcite-logo` component to the primary navigation level.
user	A slot for adding a `calcite-user` component to the primary navigation level.
progress	A slot for adding a `calcite-progress` component to the primary navigation level.
navigation-action	A slot for adding a `calcite-action` component to the primary navigation level.
content-start	A slot for adding a `calcite-menu`, `calcite-action`, or other interactive elements in the start position
content-center	A slot for adding a `calcite-menu`, `calcite-action`, or other interactive elements in the center positi
content-end	A slot for adding a `calcite-menu`, `calcite-action`, or other interactive elements in the end position
navigation-secondary	A slot for adding a `calcite-navigation` component in the secondary navigation level. Components
navigation-tertiary	A slot for adding a `calcite-navigation` component in the tertiary navigation level. Components ren

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_navigation()
```

---

calcite_navigation_logo

Create a NavigationLogo component

Description

Create a NavigationLogo component

Usage

```
calcite_navigation_logo(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is highlighted.
description	description	A description for the component, which displays below the `heading`.
heading	heading	Specifies heading text for the component, such as a product or organization name.
headingLevel	heading-level	Specifies the heading level of the component's heading for proper document structure, withou
href	href	Specifies the URL destination of the component, which can be set as an absolute or relative p
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).
label	label	Describes the appearance or function of the `thumbnail`. If no label is provided, context will
rel	rel	Defines the relationship between the `href` value and the current document.
target	target	Specifies where to open the linked document defined in the `href` property.
thumbnail	thumbnail	Specifies the `src` to an image.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_navigation_logo()
```

---

calcite_navigation_user

Create a NavigationUser component

Description

Create a NavigationUser component

Usage

```
calcite_navigation_user(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is highlighted.
fullName	full-name	Specifies the full name of the user.
label	label	Describes the appearance of the avatar. If no label is provided, context will not be provided to a
textDisabled	text-disabled	When `true`, hides the `fullName` and `username` contents.
thumbnail	thumbnail	Specifies the `src` to an image (remember to add a token if the user is private).
userId	user-id	Specifies the unique id of the user.
username	username	Specifies the username of the user.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_navigation_user()
```

---

calcite_notice	*Create a Notice component*

Description

Create a Notice component

Usage

```
calcite_notice(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Notices are intended to be used to present users with important-but-not-crucial contextual tips or copy. Because notices are displayed inline, a common use case is displaying them on page-load to present users with short hints or contextual copy. They are optionally closable - useful for keeping track of whether or not a user has closed the notice. You can also choose not to display a notice on page load and set the "active" attribute as needed to contextually provide inline messaging to users.

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closable	closable	When `true`, a close button is added to the component.
icon	icon	When `true`, shows a default recommended icon. Alternatively, pass a Calcite UI Icon nam
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).
kind	kind	Specifies the kind of the component, which will apply to top border and icon.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When `true`, the component is visible.
scale	scale	Specifies the size of the component.
width	width	Check API reference

Events:

The following events are observed by shiny:

Event	Description
calciteNoticeBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteNoticeBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transitic
calciteNoticeClose	Fires when the component is closed and animation is complete.
calciteNoticeOpen	Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

Slot	Description
title	A slot for adding the title.
message	A slot for adding the message.
link	A slot for adding a `calcite-action` to take, such as: "undo", "try again", "link to page", etc.
actions-end	A slot for adding `calcite-actions` to the end of the component. It is recommended to use two or less actions.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_notice()
```

---

calcite_option	*Create a Option component*

Description

Create a Option component

Usage

```
calcite_option(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values	F
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boolean	T
label	label	Accessible name for the component.	string	F
selected	selected	When `true`, the component is selected.	boolean	T
value	value	The component's value.	any	F

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_option()
```

---

calcite_option_group   *Create a OptionGroup component*

Description

Create a OptionGroup component

Usage

```
calcite_option_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values	F
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boolean	T
label	label	Accessible name for the component.	string	F

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-options`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_option_group()
```

---

calcite_pagination	*Create a Pagination component*

Description

Create a Pagination component

Usage

```
calcite_pagination(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to t
messageOverrides	NA	Use this property to override individual strings used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
pageSize	page-size	Specifies the number of items per page.
scale	scale	Specifies the size of the component.
startItem	start-item	Specifies the starting item number.
totalItems	total-items	Specifies the total number of items.

Events:

The following events are observed by shiny:

Event	Description
calcitePaginationChange	Emits when the selected page changes.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_pagination()
```

---

calcite_panel	*Create a Panel component*

Description

Create a Panel component

Usage

```
calcite_panel(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
beforeClose	NA	Passes a function to run before the component closes.
closable	closable	When `true`, displays a close button in the trailing side of the header.
closed	closed	When `true`, the component will be hidden.
collapsed	collapsed	When `true`, hides the component's content area.
collapsible	collapsible	When `true`, the component is collapsible.
description	description	A description for the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower
heading	heading	The component header text.

headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper document str
loading	loading	When `true`, a busy indicator is displayed.
menuFlipPlacements	NA	Specifies the component's fallback menu `placement` when it's initial or specifie
menuOpen	menu-open	When `true`, the action menu items in the `header-menu-actions` slot are open.
menuPlacement	menu-placement	Determines where the action menu will be positioned.
messageOverrides	NA	Use this property to override individual strings used by the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using `"abso`
scale	scale	Specifies the size of the component.

Events:

The following events are observed by shiny:

Event	Description
calcitePanelClose	Fires when the close button is clicked.
calcitePanelScroll	Fires when the content is scrolled.
calcitePanelToggle	Fires when the collapse button is clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.
action-bar	A slot for adding a `calcite-action-bar` to the component.
alerts	A slot for adding `calcite-alerts` to the component.
content-bottom	A slot for adding content below the unnamed (default) slot and above the footer slot (if populated)
content-top	A slot for adding content above the unnamed (default) slot and below the action-bar slot (if populated)
header-actions-start	A slot for adding actions or content to the start side of the header.
header-actions-end	A slot for adding actions or content to the end side of the header.
header-content	A slot for adding custom content to the header.
header-menu-actions	A slot for adding an overflow menu with actions inside a `calcite-dropdown`.
fab	A slot for adding a `calcite-fab` (floating action button) to perform an action.
footer	A slot for adding custom content to the component's footer. Should not be used with the `"footer-sta`
footer-actions	[Deprecated] Use the `footer-start` and `footer-end` slots instead. A slot for adding `calcite-buttons`
footer-end	A slot for adding a trailing footer custom content. Should not be used with the `"footer"` slot.
footer-start	A slot for adding a leading footer custom content. Should not be used with the `"footer"` slot.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_panel()
```

calcite_popover	*Create a Popover component*

Description

Create a Popover component

Usage

```
calcite_popover(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
autoClose	auto-close	When `true`, clicking outside of the component automatically closes open c
closable	closable	When `true`, displays a close button within the component.
flipDisabled	flip-disabled	When `true`, prevents flipping the component's placement when overlappin
flipPlacements	NA	Specifies the component's fallback `placement` when it's initial or specified
focusTrapDisabled	focus-trap-disabled	When `true`, prevents focus trapping.
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper docume
initialFocusTrapFocus	initial-focus-trap-focus	Specifies whether focus should move to the popover when the focus trap is
label	label	Accessible name for the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
offsetDistance	offset-distance	Offsets the position of the popover away from the `referenceElement`.
offsetSkidding	offset-skidding	Offsets the position of the component along the `referenceElement`.
open	open	When `true`, displays and positions the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using `"a
placement	placement	Determines where the component will be positioned relative to the referen
pointerDisabled	pointer-disabled	When `true`, removes the caret pointer.
referenceElement	reference-element	The `referenceElement` used to position the component according to its pl
scale	scale	Specifies the size of the component.
triggerDisabled	trigger-disabled	When `true`, disables automatically toggling the component when its refer

Events:

The following events are observed by shiny:

Event	Description
calcitePopoverBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.

calcitePopoverBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transit
calcitePopoverClose	Fires when the component is closed and animation is complete.
calcitePopoverOpen	Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_popover()
```

---

calcite_progress   *Create a Progress component*

Description

Create a Progress component

Usage

```
calcite_progress(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
label	label	Accessible name for the component.
reversed	reversed	When `true` and for `"indeterminate"` progress bars, reverses the animation direction.
text	text	Text that displays under the component's indicator.

type	type	Specifies the component type. Use `"indeterminate"` if finding actual progress value is impossible.
value	value	When `type` is `"determinate"`, specifies the component's value with a range of 0 to 100.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_progress()
```

---

calcite_radio_button   *Create a RadioButton component*

Description

Create a RadioButton component

Usage

```
calcite_radio_button(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
checked	checked	When `true`, the component is checked.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
form	form	The id of the form that will be associated with the component. When not set, the component will be as
name	name	Specifies the name of the component. Can be inherited from `calcite-radio-button-group`. Required
required	required	When `true` and the component resides in a form, the component must have a value selected from the c
scale	scale	Specifies the size of the component inherited from the `calcite-radio-button-group`.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteRadioButtonChange	Fires only when the radio button is checked. This behavior is identical to the native HTML input

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_radio_button()
```

---

calcite_radio_button_group

Create a RadioButtonGroup component

Description

Create a RadioButtonGroup component

Usage

```
calcite_radio_button_group(...)
```

Arguments

...	named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When true, interaction is prevented and the component is displayed with lower op
layout	layout	Defines the layout of the component.
name	name	Specifies the name of the component on form submission. Must be unique to other
required	required	When true and the component resides in a form, the component must have a value
scale	scale	Specifies the size of the component.
selectedItem	NA	Specifies the component's selected item.

status	status	Specifies the status of the validation message.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.

Events:

The following events are observed by shiny:

Event	Description
calciteRadioButtonGroupChange	Fires when the component has changed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-radio-buttons`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_radio_button_group()
```

---

calcite_rating	*Create a Rating component*

Description

Create a Rating component

Usage

```
calcite_rating(...)
```

Arguments

| ... | named attributes passed to `htmltools::tag()` |

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
average	average	Specifies a cumulative average from previous ratings to display.
count	count	Specifies the number of previous ratings to display.
disabled	disabled	When true, interaction is prevented and the component is displayed with lower op
form	form	The id of the form that will be associated with the component. When not set, the c
messageOverrides	NA	Use this property to override individual strings used by the component.
name	name	Specifies the name of the component. Required to pass the component's value on
readOnly	read-only	When true, the component's value can be read, but cannot be modified.
scale	scale	Specifies the size of the component.
showChip	show-chip	When true, and if available, displays the average and/or count data summary in
status	status	Specifies the status of the input field, which determines message and icons.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteRatingChange	Fires when the component's value changes.

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_rating()
```

---

calcite_scrim   *Create a Scrim component*

Description

Create a Scrim component

Usage

```
calcite_scrim(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
loading	loading	When `true`, a busy indicator is displayed.	boolean
messageOverrides	NA	Use this property to override individual strings used by the component.	Check API reference

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content, primarily loading information.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_scrim()
```

`calcite_segmented_control`

Create a SegmentedControl component

Description

Create a SegmentedControl component

Usage

```
calcite_segmented_control(...)
```

Arguments

    ...   named attributes passed to `htmltools::tag()`

Details

    Properties:
    The following properties are provided by this component:

Name	Attribute	Description
appearance	appearance	Specifies the appearance style of the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower op
form	form	The `id` of the form that will be associated with the component. When not set, the c
layout	layout	Defines the layout of the component.
name	name	Specifies the name of the component. Required to pass the component's `value` on
required	required	When `true` and the component resides in a form, the component must have a value
scale	scale	Specifies the size of the component.
selectedItem	NA	The component's selected item `HTMLElement`.
status	status	Specifies the status of the validation message.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's `selectedItem` value.
width	width	Check API reference

    Events:
    The following events are observed by shiny:

Event	Description
calciteSegmentedControlChange	Fires when the `calcite-segmented-control-item` selection changes.

    Slots:
    The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-segmented-control-items`.

Value

    an object of class `calcite_component` which is a subclass of `shiny.tag`

References

    [Official Documentation](#)

Examples

    `calcite_segmented_control()`

---

calcite_segmented_control_item

Create a SegmentedControlItem component

Description

Create a SegmentedControlItem component

Usage

```
calcite_segmented_control_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
checked	checked	When `true`, the component is checked.	boolean
iconEnd	icon-end	Specifies an icon to display at the end of the component.	string
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (″rtl″).	boolean
iconStart	icon-start	Specifies an icon to display at the start of the component.	string
value	value	The component's value.	any

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_segmented_control_item()
```

calcite_select	*Create a Select component*

Description

Create a Select component

Usage

```
calcite_select(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower op
form	form	The `id` of the form that will be associated with the component. When not set, the c
label	label	Accessible name for the component.
name	name	Specifies the name of the component. Required to pass the component's value on
required	required	When `true` and the component resides in a form, the component must have a valu
scale	scale	Specifies the size of the component.
selectedOption	NA	The component's selected option `HTMLElement`.
status	status	Specifies the status of the input field, which determines message and icons.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's `selectedOption` value.
width	width	Check API reference

Events:

The following events are observed by shiny:

Event	Description
calciteSelectChange	Fires when the `selectedOption` changes.

Slots:

The following slots are provided by this component:

	Slot	Description
	Default (unnamed)	A slot for adding `calcite-options`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_select()
```

---

calcite_sheet	*Create a Sheet component*

Description

Create a Sheet component

Usage

```
calcite_sheet(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
beforeClose	NA	Passes a function to run before the component closes.
displayMode	display-mode	Specifies the display mode - `"float"` (content is separated detached), or `"ov`
escapeDisabled	escape-disabled	When `true`, disables the default close on escape behavior.
focusTrapDisabled	focus-trap-disabled	When `true`, prevents focus trapping.
height	height	Specifies the height of the component.
heightScale	height-scale	When `position` is `"block-start"` or `"block-end"`, specifies the height of
label	label	Specifies the label of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
open	open	When `true`, displays and positions the component.
outsideCloseDisabled	outside-close-disabled	When `true`, disables the closing of the component when clicked outside.
position	position	Determines where the component will be positioned.

resizable	resizable	When `true`, the component is resizable.
width	width	Specifies the width of the component.
widthScale	width-scale	When `position` is `"inline-start"` or `"inline-end"`, specifies the width

Events:

The following events are observed by shiny:

Event	Description
calciteSheetBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteSheetBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition
calciteSheetClose	Fires when the component is closed and animation is complete.
calciteSheetOpen	Fires when the component is open and animation is complete.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_sheet()
```

---

calcite_shell   *Create a Shell component*

Description

Create a Shell component

Usage

```
calcite_shell(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values	Reflects to
contentBehind	content-behind	Positions the center content behind any `calcite-shell-panels`.	boolean	TRUE

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content. This content will appear between any leading and trailing panels added
header	A slot for adding header content. This content will be positioned at the top of the component.
footer	A slot for adding footer content. This content will be positioned at the bottom of the component.
panel-start	A slot for adding the starting `calcite-shell-panel`.
panel-end	A slot for adding the ending `calcite-shell-panel`.
panel-top	A slot for adding the top `calcite-shell-panel`.
panel-bottom	A slot for adding the bottom `calcite-shell-panel`.
center-row	[Deprecated] Use the "panel-bottom" slot instead. A slot for adding the bottom `calcite-shell-cente`
modals	A slot for adding `calcite-modal` components. When placed in this slot, the modal position will be cons
dialogs	A slot for adding `calcite-dialog` components. When placed in this slot, the dialog position will be cor
alerts	A slot for adding `calcite-alert` components. When placed in this slot, the alert position will be constr
sheets	A slot for adding `calcite-sheet` components. When placed in this slot, the sheet position will be const

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_shell()
```

---

calcite_shell_center_row

Create a ShellCenterRow component

Description

Use the `calcite-shell-panel` component instead.

Usage

```
calcite_shell_center_row(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
detached	detached	When `true`, the content area displays like a floating panel.
heightScale	height-scale	Specifies the maximum height of the component.
position	position	Specifies the component's position. Will be flipped when the element direction is right-to-left ("

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding content to the `calcite-shell-panel`.
action-bar	A slot for adding a `calcite-action-bar` to the `calcite-shell-panel`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_shell_center_row()
```

---

calcite_shell_panel   *Create a ShellPanel component*

Description

Create a ShellPanel component

Usage

```
calcite_shell_panel(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
collapsed	collapsed	When `true`, hides the component's content area.
displayMode	display-mode	Check API reference
height	height	Specifies the height of the component.
heightScale	height-scale	When `layout` is `horizontal`, specifies the maximum height of the component.
layout	layout	The direction of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
position	position	Specifies the component's position. Will be flipped when the element direction is right-to
resizable	resizable	When `true` and `displayMode` is not `float-content` or `float`, the component's content
width	width	Specifies the width of the component.
widthScale	width-scale	When `layout` is `vertical`, specifies the width of the component.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.
action-bar	A slot for adding a `calcite-action-bar` to the component.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_shell_panel()
```

---

calcite_slider   *Create a Slider component*

Description

Create a Slider component

Usage

```
calcite_slider(...)
```

Arguments

...   named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower op
fillPlacement	fill-placement	Used to configure where the fill is placed along the slider track in relation to the va
form	form	The id of the form that will be associated with the component. When not set, the c
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to
hasHistogram	has-histogram	When `true`, indicates a histogram is present.
histogram	NA	A list of the histogram's x,y coordinates within the component's `min` and `max`. Disp
histogramStops	NA	A set of single color stops for a histogram, sorted by offset ascending.
labelFormatter	NA	When specified, allows users to customize handle labels.
labelHandles	label-handles	When `true`, displays label handles with their numeric value.
labelTicks	label-ticks	When `true` and `ticks` is specified, displays label tick marks with their numeric va
max	max	The component's maximum selectable value.
maxLabel	max-label	For multiple selections, the accessible name for the second handle, such as "Tempe
maxValue	max-value	For multiple selections, the component's upper value.
min	min	The component's minimum selectable value.
minLabel	min-label	Accessible name for first (or only) handle, such as `"Temperature, lower bound"`.
minValue	min-value	For multiple selections, the component's lower value.
mirrored	mirrored	When `true`, the slider will display values from high to low. Note that this value wi
name	name	Specifies the name of the component. Required to pass the component's `value` on
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
pageStep	page-step	Specifies the interval to move with the page up, or page down keys.
precise	precise	When `true`, sets a finer point for handles.
required	required	When `true` and the component resides in a form, the component must have a valu
scale	scale	Specifies the size of the component.
snap	snap	When `true`, enables snap selection in coordination with `step` via a mouse.
status	status	Specifies the status of the input field, which determines message and icons.
step	step	Specifies the interval to move with the up, or down keys.
ticks	ticks	Displays tick marks on the number line at a specified interval.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteSliderChange	Fires when the thumb is released on the component. Note: To constantly listen to the drag event, use ca
calciteSliderInput	Fires on all updates to the component. Note: Fires frequently during drag. To perform expensive operat

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_slider()
```

---

calcite_split_button   *Create a SplitButton component*

Description

Create a SplitButton component

Usage

```
calcite_split_button(...)
```

Arguments

... named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
appearance	appearance	Specifies the appearance style of the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower
dropdownIconType	dropdown-icon-type	Specifies the icon used for the dropdown menu.
dropdownLabel	dropdown-label	Accessible name for the dropdown menu.
flipPlacements	NA	Specifies the component's fallback slotted content `placement` when it's initial or
kind	kind	Specifies the kind of the component, which will apply to border and background
loading	loading	When `true`, a busy indicator is displayed on the primary button.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absol
placement	placement	Determines where the component will be positioned relative to the container ele
primaryIconEnd	primary-icon-end	Specifies an icon to display at the end of the primary button.
primaryIconFlipRtl	primary-icon-flip-rtl	Displays the `primaryIconStart` and/or `primaryIconEnd` as flipped when the el
primaryIconStart	primary-icon-start	Specifies an icon to display at the start of the primary button.
primaryLabel	primary-label	Accessible name for the primary button.

primaryText	primary-text	Text displayed in the primary button.
scale	scale	Specifies the size of the component.
width	width	Check API reference

Events:

The following events are observed by shiny:

Event	Description
calciteSplitButtonPrimaryClick	Fires when the primary button is clicked.
calciteSplitButtonSecondaryClick	Fires when the dropdown menu is clicked.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-dropdown` content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_split_button()
```

---

calcite_stepper   *Create a Stepper component*

Description

Create a Stepper component

Usage

```
calcite_stepper(...)
```

Arguments

...   named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	V:
icon	icon	When `true`, displays a status icon in the `calcite-stepper-item` heading.	b
layout	layout	Defines the layout of the component.	"h
messageOverrides	NA	Use this property to override individual strings used by the component.	C
numbered	numbered	When `true`, displays the step number in the `calcite-stepper-item` heading.	b
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.	"a
scale	scale	Specifies the size of the component.	"l
selectedItem	NA	Specifies the component's selected item.	H

Events:

The following events are observed by shiny:

Event	Description
calciteStepperChange	Fires when the active `calcite-stepper-item` changes.
calciteStepperItemChange	Fires when the active `calcite-stepper-item` changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-stepper-item` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_stepper()
```

---

calcite_stepper_item   *Create a StepperItem component*

Description

Create a StepperItem component

Usage

```
calcite_stepper_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
complete	complete	When `true`, the step has been completed.
description	description	A description for the component. Displays below the header text.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
error	error	When `true`, the component contains an error that requires resolution from the user.
heading	heading	The component header text.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (`"rtl"`).
messageOverrides	NA	Use this property to override individual strings used by the component.
selected	selected	When `true`, the component is selected.

Events:

The following events are observed by shiny:

Event	Description
calciteStepperItemSelect	Fires when the active `calcite-stepper-item` changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

Official Documentation

Examples

```
calcite_stepper_item()
```

---

calcite_switch	*Create a Switch component*

Description

Create a Switch component

Usage

```
calcite_switch(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
checked	checked	When `true`, the component is checked.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
form	form	The `id` of the form that will be associated with the component. When not set, the component will be as
label	label	Accessible name for the component.
name	name	Specifies the name of the component. Required to pass the component's `value` on form submission.
scale	scale	Specifies the size of the component.
value	value	The component's value.

Events:

The following events are observed by shiny:

Event	Description
calciteSwitchChange	Fires when the checked value has changed.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_switch()
```

---

calcite_tab	*Create a Tab component*

Description

Create a Tab component

Usage

```
calcite_tab(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:
The following properties are provided by this component:

Name	Attribute	Description
selected	selected	When `true`, the component's contents are selected. Only one tab can be selected within the calcite-t
tab	tab	Specifies a unique name for the component. When specified, use the same value on the calcite-tab-t

Slots:
The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tab()
```

---

calcite_table	*Create a Table component*

Description

Create a Table component

Usage

```
calcite_table(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
bordered	bordered	When `true`, displays borders in the component.
caption	caption	Specifies an accessible title for the component.
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to t
interactionMode	interaction-mode	When `"interactive"`, allows focus and keyboard navigation of `table-headers` an
layout	layout	Specifies the layout of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
numbered	numbered	When `true`, displays the position of the row in numeric form.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
pageSize	page-size	Specifies the page size of the component. When `true`, renders `calcite-paginatio`
scale	scale	Specifies the size of the component.
selectedItems	NA	Specifies the component's selected items.
selectionDisplay	selection-display	Specifies the display of the selection interface when `selection-mode` is not `"none"`
selectionMode	selection-mode	Specifies the selection mode of the component, where: `"multiple"` allows any num
striped	striped	When `true`, displays striped styling in the component.

Events:

The following events are observed by shiny:

Event	Description
calciteTablePageChange	Emits when the component's page selection changes.
calciteTableSelect	Emits when the component's selected rows change.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-table-row` elements containing `calcite-table-cell` and/or `calcite-tab`
table-header	A slot for adding `calcite-table-row` elements containing `calcite-table-header` elements.
table-footer	A slot for adding `calcite-table-row` elements containing `calcite-table-cell` and/or `calcite-tab`
selection-actions	A slot for adding `calcite-actions` or other elements to display when `selectionMode` is not "none" an

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_table()
```

---

calcite_table_cell	*Create a TableCell component*

Description

Create a TableCell component

Usage

```
calcite_table_cell(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
alignment	alignment	Specifies the alignment of the component.	"center" | "end" | "
colSpan	col-span	Specifies the number of columns the component should span.	number
messageOverrides	NA	Use this property to override individual strings used by the component.	Check API refere
rowSpan	row-span	Specifies the number of rows the component should span.	number

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding content, usually text content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_table_cell()
```

---

calcite_table_header   *Create a TableHeader component*

Description

Create a TableHeader component

Usage

```
calcite_table_header(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
alignment	alignment	Specifies the alignment of the component.	"center" | "end" |
colSpan	col-span	Specifies the number of columns the component should span.	number
description	description	A description to display beneath heading content.	string
heading	heading	A heading to display above description content.	string
messageOverrides	NA	Use this property to override individual strings used by the component.	Check API refere
rowSpan	row-span	Specifies the number of rows the component should span.	number

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_table_header()
```

---

calcite_table_row   *Create a TableRow component*

Description

Create a TableRow component

Usage

```
calcite_table_row(...)
```

Arguments

...   named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
alignment	alignment	Specifies the alignment of the component.	"center" |
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boolean
selected	selected	When `true`, the component is selected.	boolean

Events:

The following events are observed by shiny:

Event	Description
calciteTableRowSelect	Fires when the selected state of the component changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-table-cell` or `calcite-table-header` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_table_row()
```

---

calcite_tabs	*Create a Tabs component*

Description

Create a Tabs component

Usage

```
calcite_tabs(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
bordered	bordered	When `true`, the component will display with a folder style menu.
layout	layout	Specifies the layout of the `calcite-tab-nav`, justifying the `calcite-tab-titles` to the start ("inlir
position	position	Specifies the position of `calcite-tab-nav` and `calcite-tab-title` components in relation to the ca
scale	scale	Specifies the size of the component.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tabs`.
title-group	A slot for adding a `calcite-tab-nav`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tabs()
```

---

calcite_tab_nav   *Create a TabNav component*

Description

Create a TabNav component

Usage

```
calcite_tab_nav(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
messageOverrides	NA	Use this property to override individual strings used by the component.
position	position	Specifies the position of `calcite-tab-nav` and `calcite-tab-title` components in relatio
selectedTitle	NA	Specifies the component's selected `calcite-tab-title`.
storageId	storage-id	Specifies the name when saving selected `calcite-tab` data to `localStorage`.
syncId	sync-id	Specifies text to update multiple components to keep in sync if one changes.

Events:

The following events are observed by shiny:

Event	Description
calciteTabChange	Emits when the selected `calcite-tab` changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tab-titles`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tab_nav()
```

---

calcite_tab_title	*Create a TabTitle component*

Description

Create a TabTitle component

Usage

```
calcite_tab_title(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Tab-titles are optionally individually closable.

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closable	closable	When `true`, a close button is added to the component.
closed	closed	When `true`, does not display or position the component.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the `iconStart` and/or `iconEnd` as flipped when the element direction is right-to-l
iconStart	icon-start	Specifies an icon to display at the start of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
position	position	Specifies the position of `calcite-tab-nav` and `calcite-tab-title` components in relati
selected	selected	When `true`, the component and its respective `calcite-tab` contents are selected. Only on
tab	tab	Specifies a unique name for the component. When specified, use the same value on the ca

Events:

The following events are observed by shiny:

Event	Description
calciteTabsActivate	Fires when a `calcite-tab` is selected.
calciteTabsClose	Fires when a `calcite-tab` is closed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tab_title()
```

---

calcite_text_area   *Create a TextArea component*

Description

Create a TextArea component

Usage

```
calcite_text_area(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
columns	columns	Specifies the component's number of columns.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower op
form	form	The `id` of the form that will be associated with the component. When not set, the c
groupSeparator	group-separator	When `true`, number values are displayed with a group separator corresponding to
label	label	Accessible name for the component.
limitText	limit-text	Check API reference
maxLength	max-length	When the component resides in a form, specifies the maximum number of characte
messageOverrides	NA	Use this property to override individual strings used by the component.
minLength	min-length	When the component resides in a form, specifies the minimum number of characte
name	name	Specifies the name of the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
placeholder	placeholder	Specifies the placeholder text for the component.
readOnly	read-only	When `true`, the component's `value` can be read, but cannot be modified.
required	required	When `true` and the component resides in a form, the component must have a valu
resize	resize	Specifies if the component is resizable.
rows	rows	Specifies the component's number of rows.
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message and icons.
validationIcon	validation-icon	Specifies the validation icon to display under the component.
validationMessage	validation-message	Specifies the validation message to display under the component.
validity	NA	The current validation state of the component.
value	value	The component's value.
wrap	wrap	Specifies the wrapping mechanism for the text.

Events:

The following events are observed by shiny:

Event	Description
calciteTextAreaChange	Fires each time a new `value` is typed and committed.
calciteTextAreaInput	Fires each time a new `value` is typed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.
footer-start	A slot for adding content to the start of the component's footer.
footer-end	A slot for adding content to the end of the component's footer.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_text_area()
```

`calcite_tile`	*Create a Tile component*

Description

Create a Tile component

Usage

```
calcite_tile(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
active	active	When `true`, the component is active.
alignment	alignment	Specifies the alignment of the Tile's content.
description	description	A description for the component, which displays below the heading.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
embed	embed	The component's embed mode. When `true`, renders without a border and padding for use by othe
heading	heading	The component header text, which displays between the icon and description.
href	href	When embed is `"false"`, the URL for the component.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (`"rtl"`).

label	label	Accessible name for the component.
scale	scale	Specifies the size of the component.
selected	selected	When true and the parent's selectionMode is "single", "single-persist"', or "multiple"

Events:

The following events are observed by shiny:

| Event | Description |
| calciteTileSelect | Fires when the selected state of the component changes. |

Slots:

The following slots are provided by this component:

Slot	Description
content-top	A slot for adding non-actionable elements above the component's content. Content slotted here will render i
content-bottom	A slot for adding non-actionable elements below the component's content.
content-start	Deprecated use content-top slot instead. A slot for adding non-actionable elements before the component'
content-end	Deprecated use content-bottom slot instead. A slot for adding non-actionable elements after the componer

Value

an object of class calcite_component which is a subclass of shiny.tag

References

Official Documentation

Examples

```
calcite_tile()
```

---

calcite_tile_group   *Create a TileGroup component*

Description

Create a TileGroup component

Usage

```
calcite_tile_group(...)
```

Arguments

...   named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
alignment	alignment	Specifies the alignment of each `calcite-tile`'s content.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lowe
label	label	Accessible name for the component.
layout	layout	Defines the layout of the component. Use `"horizontal"` for rows, and `"verti
scale	scale	Specifies the size of the component.
selectedItems	NA	Specifies the component's selected items.
selectionAppearance	selection-appearance	Specifies the selection appearance, where: - `"icon"` (displays a checkmark or
selectionMode	selection-mode	Specifies the selection mode, where: - `"multiple"` (allows any number of sele

Events:

The following events are observed by shiny:

Event	Description
calciteTileGroupSelect	Fires when the component's selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tile` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tile_group()
```

| calcite_tile_select | *Create a TileSelect component* |

Description

Use the `calcite-tile` component instead.

Usage

```
calcite_tile_select(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
checked	checked	When `true`, the component is checked.
description	description	A description for the component, which displays below the heading.
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
heading	heading	The component header text, which displays between the icon and description.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (`"rtl"`).
inputAlignment	input-alignment	When `inputEnabled` is `true`, specifies the placement of the interactive input on the com
inputEnabled	input-enabled	When `true`, displays an interactive input based on the `type` property.
name	name	Specifies the name of the component on form submission.
type	type	Specifies the selection mode of the component, where: `"radio"` is for single selection, a
value	value	The component's value.
width	width	Specifies the width of the component.

Events:

The following events are observed by shiny:

Event	Description
calciteTileSelectChange	Emits a custom change event. For checkboxes it emits when checked or unchecked. For radios it o

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding custom content.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tile_select()
```

`calcite_tile_select_group`

Create a TileSelectGroup component

Description

Use the `calcite-tile-group` component instead.

Usage

```
calcite_tile_select_group(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.
layout	layout	Defines the layout of the component. Use `"horizontal"` for rows, and `"vertical"` for a single colum

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tile-select` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tile_select_group()
```

---

calcite_time_picker   *Create a TimePicker component*

Description

Create a TimePicker component

Usage

```
calcite_time_picker(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
hourFormat	hour-format	Specifies the component's hour format, where: `"user"` displays the user's locale for
messageOverrides	NA	Use this property to override individual strings used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
scale	scale	Specifies the size of the component.
step	step	Specifies the granularity the `value` must adhere to (in seconds).
value	value	The component's value in UTC (always 24-hour format).

Events:

The following events are observed by shiny:

Event	Description
calciteTimePickerChange	

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_time_picker()
```

---

calcite_tip   *Create a Tip component*

Description

Use the `calcite-card`, `calcite-notice`, `calcite-panel`, or `calcite-tile` component instead.

Usage

```
calcite_tip(...)
```

Arguments

`...`	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closed	closed	When `true`, the component does not display.
closeDisabled	close-disabled	When `true`, the close button is not present on the component.
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper document structure,
messageOverrides	NA	Use this property to override individual strings used by the component.
selected	selected	When `true`, the component is selected if it has a parent `calcite-tip-manager`. Only c

Events:

The following events are observed by shiny:

Event	Description
calciteTipDismiss	Emits when the component has been closed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text and a hyperlink.
thumbnail	A slot for adding an HTML image element.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation]

Examples

```
calcite_tip()
```

---

calcite_tip_group	*Create a TipGroup component*

Description

Use the `calcite-carousel` and `calcite-carousel-item` components instead.

Usage

```
calcite_tip_group(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values	Reflects to Attribute
groupTitle	group-title	The component header text for all nested `calcite-tips`.	string	FALSE

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tips`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tip_group()
```

---

calcite_tip_manager	*Create a TipManager component*

Description

Use the `calcite-carousel` and `calcite-carousel-item` components instead.

Usage

```
calcite_tip_manager(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closed	closed	When `true`, does not display or position the component.
headingLevel	heading-level	Specifies the heading level of the component's `heading` for proper document structure, v
messageOverrides	NA	Use this property to override individual strings used by the component.

Events:

The following events are observed by shiny:

Event	Description
calciteTipManagerClose	Emits when the component has been closed.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding `calcite-tips`.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tip_manager()
```

---

calcite_tooltip	*Create a Tooltip component*

Description

Create a Tooltip component

Usage

```
calcite_tooltip(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
closeOnClick	close-on-click	Closes the component when the `referenceElement` is clicked.
label	label	Accessible name for the component.
offsetDistance	offset-distance	Offset the position of the component away from the `referenceElement`.
offsetSkidding	offset-skidding	Offset the position of the component along the `referenceElement`.
open	open	When `true`, the component is open.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absolu

| placement | placement | Determines where the component will be positioned relative to the referenceEle |
| referenceElement | reference-element | The referenceElement to position the component according to its "placement" |

Events:

The following events are observed by shiny:

Event	Description
calciteTooltipBeforeClose	Fires when the component is requested to be closed and before the closing transition begins.
calciteTooltipBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transiti
calciteTooltipClose	Fires when the component is closed and animation is complete.
calciteTooltipOpen	Fires when the component is open and animation is complete.

Slots:

The following slots are provided by this component:

| Slot | Description |
| Default (unnamed) | A slot for adding text. |

Value

an object of class calcite_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_tooltip()
```

---

calcite_tree   *Create a Tree component*

Description

Create a Tree component

Usage

```
calcite_tree(...)
```

Arguments

... named attributes passed to htmltools::tag()

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description
lines	lines	When `true`, displays indentation guide lines.
scale	scale	Specifies the size of the component.
selectedItems	NA	Specifies the component's selected items.
selectionMode	selection-mode	Specifies the selection mode of the component, where: `"ancestors"` displays with a chec

Events:

The following events are observed by shiny:

Event	Description
calciteTreeSelect	Fires when the user selects/deselects `calcite-tree-items`.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for `calcite-tree-item` elements.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tree()
```

---

calcite_tree_item	*Create a TreeItem component*

Description

Create a TreeItem component

Usage

```
calcite_tree_item(...)
```

Arguments

...	named attributes passed to `htmltools::tag()`

Details

Properties:

The following properties are provided by this component:

Name	Attribute	Description	Values
disabled	disabled	When `true`, interaction is prevented and the component is displayed with lower opacity.	boolea
expanded	expanded	When `true`, the component is expanded.	boolea
iconFlipRtl	icon-flip-rtl	When `true`, the icon will be flipped when the element direction is right-to-left (`"rtl"`).	`"both"`
iconStart	icon-start	Specifies an icon to display at the start of the component.	string
label	label	Accessible name for the component.	string
selected	selected	When `true`, the component is selected.	boolea

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.
children	A slot for adding nested `calcite-tree` elements.
actions-end	A slot for adding actions to the end of the component. It is recommended to use two or fewer actions.

Value

an object of class `calcite_component` which is a subclass of `shiny.tag`

References

[Official Documentation](#)

Examples

```
calcite_tree_item()
```

---

calcite_version	*Calcite components version*

Description

Reports the currently used calcite component version.

Usage

```
calcite_version()
```

Value

a character scalar

Examples

```
calcite_version()
```

---

update_calcite   *Update Calcite Component Properties*

Description

Updates the properties of the javascript Calcite component.

Usage

```
update_calcite(id, ..., session = shiny::getDefaultReactiveDomain())
```

Arguments

id	the html ID of the element to update. Must be a character scalar.
...	named properties to be updated in the component. The names must match the property name. Otherwise, will fail silently.
session	a shiny session object. Default shiny::getDefaultReactiveDomain().

Value

NULL. Sends a message to the shiny session object.

Examples

```
# this cannot work outside of shiny
if (interactive()) {
library(shiny)
ui <- calcite_shell(
  calcite_card(
    heading = "Content",
    calcite_label(
      layout = "inline",
      calcite_checkbox(id = "checked"),
      "Click me"
    )
  ),
  calcite_notice(
    id = "initial-note",
    div(slot = "title", "Nice!"),
    div(slot = "message", "This is a success message")
  )
```

```
)

server <- function(input, output, session) {
  observeEvent(input$checked_checked, {
    checked <- input$checked_checked$values
    # Update the `initial-note` property here
    update_calcite("initial-note", open = checked)
  })
}

shinyApp(ui, server)
}
```

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