

Package ‘calcite’

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

Version 0.1.1

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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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 <i>AccordionItem</i> 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 <code>iconStart</code> and/or <code>iconEnd</code> as flipped when the element direction is right-to-left ("rtl").
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 <code>calcite-accordion-items</code> .
actions-end	A slot for adding <code>calcite-actions</code> or content to the end side of the component's header.
actions-start	A slot for adding <code>calcite-actions</code> 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 <code>true</code> , 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 <code>true</code> , the side padding of the component is reduced.
disabled	disabled	When <code>true</code> , interaction is prevented and the component is displayed with lower opacity.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When <code>true</code> , the icon will be flipped when the element direction is right-to-left (" <code>rtl</code> ").
indicator	indicator	When <code>true</code> , displays a visual indicator.
label	label	Specifies the label of the component. If no label is provided, the label inherits what's provided by the parent.
loading	loading	When <code>true</code> , 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 <code>calcite-icon</code> .
tooltip	Deprecated Use the <code>calcite-tooltip</code> 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 component.
overflowActionsDisabled	overflow-actions-disabled	Disables automatically overflowing calcite-actions that won't fit.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Use "static" for normal positioning and "absolute" for absolute positioning.
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 the bottom of the component.
actions-end	A slot for adding calcite-actions that will appear at the end of the component, prior to the collapse/expand toggle.
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 specified.
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 "absolute" will position the menu relative to the component.
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	<i>Create a Block component</i>
---------------	---------------------------------

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 opacity.
dragDisabled	drag-disabled	When true, and a parent Block Group is <code>dragEnabled</code> , the component is not draggable.
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 structure.
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 rtl.
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 specified placement is not available.
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 "absolute" will allow the component to be positioned outside of the viewport.
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 begins.
calciteBlockBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition begins.
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 begins.
calciteBlockSortHandleBeforeOpen	Fires when the sort handle is added to the DOM but not rendered, and before the opening transition begins.
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 recommended to use calcite-actions instead.
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 <code>iconStart</code> and/or <code>iconEnd</code> as flipped when the element direction is right-to-left.
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: <code>"button"</code> sets the toggle to a button.

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 <code>true</code> , 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 <code>href</code> .
form	form	The id of the form that will be associated with the component. When not set, the component will be associated with the first form on the page.
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 <code>iconStart</code> and/or <code>iconEnd</code> as flipped when the element direction is right-to-left.
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 opacity.
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 <code>selectionMode</code> 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 "paused"
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 Caro
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 <code>calcite-carousel-item</code> .

Events:

The following events are observed by shiny:

Event	Description
calciteCarouselChange	Fires when the selected <code>calcite-carousel-item</code> 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	<i>Create a Checkbox component</i>
------------------	------------------------------------

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 applicable.
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, the scale will be inherited.
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
<code>disabled</code>	<code>disabled</code>	When true, interaction is prevented and the component is displayed with lower opacity.
<code>label</code>	<code>label</code>	Accessible name for the component.
<code>scale</code>	<code>scale</code>	Specifies the size of the component. Child <code>calcite-chips</code> inherit the component's value.
<code>selectedItems</code>	<code>NA</code>	Specifies the component's selected items.
<code>selectionMode</code>	<code>selection-mode</code>	Specifies the selection mode of the component, where: "multiple" allows any number of

Events:

The following events are observed by shiny:

Event	Description
<code>calciteChipGroupSelect</code>	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 <code>calcite-chips</code> .

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 color is required.
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 color is required.
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.
format	format	The format of value. When "auto", the format will be inferred from value when possible.
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, or hex value.

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 exception that it fires on every input change, not just when the value is committed.

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
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 acces
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 display of the selected item(s).
selectionMode	selection-mode	Specifies the selection mode of the component, where: "multiple" allows multiple items to be selected.
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 transition begins.
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 <code>calcite-combobox</code> .
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 <code>calcite-combobox</code> 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 (" <code>rtl</code> ").
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 component.
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
<i>Create a ComboboxItemGroup component</i>

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-items
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 Date)
monthStyle	month-style	Specifies the monthStyle used by the component.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for
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 open component can be closed by pressing the escape key.
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's heading for proper document structure.
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 open.
messageOverrides	NA	Use this property to override individual strings used by the component.
modal	modal	When true, displays a scrim blocking interaction underneath 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.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absolute" will position the component relative to its nearest ancestor with a relative, absolute, or fixed position. Using "static" will position the component relative to itself.
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 transition begins.
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 buttons.
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-start" slot.
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 container
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 transition begins.
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 parent group.
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 <i>DropdownItem</i> 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. Determin
iconEnd	icon-end	Specifies an icon to display at the end of the component.
iconFlipRtl	icon-flip-rtl	Displays the <code>iconStart</code> and/or <code>iconEnd</code> 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 <code>href</code> .
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
<code>calciteDropdownItemSelect</code>	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.	"outline"
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.	boolean
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").	boolean
kind	kind	Specifies the kind of the component, which will apply to border and background.	"brand"
label	label	Accessible name for the component.	string
loading	loading	When true, a busy indicator is displayed.	boolean
scale	scale	Specifies the size of the component.	"l" "m" "s"
text	text	Specifies text to accompany the component's icon.	string
textEnabled	text-enabled	When true, displays the text value in the component.	boolean

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 is true.
items	NA	Defines the items to filter. The component uses the values as the starting point, and returns the filtered items.
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	<i>Create a Flow component</i>
--------------	--------------------------------

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 <code>calcite-flow-item</code> 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 <code>calcite_flow_item</code> .
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 opacity.
heading	heading	The component header text.
headingLevel	heading-level	Specifies the heading level of the component's heading for proper document structure.
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 "absolute" will position the content relative to its parent. Using "fixed" will position the content relative to the browser window.
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-start" slot.
footer-actions	Deprecated Use the "footer" slot instead. A slot for adding calcite-buttons to the component's footer.
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	
flipRtl	flip-rtl	When true, the icon will be flipped when the element direction is right-to-left ("rtl").	V
icon	icon	Displays a specific icon.	be
preload	preload	When true, it loads preloads the icon data.	st
scale	scale	Specifies the size of the component.	be
textLabel	text-label	Accessible name for the component. It is recommended to set this value if your icon is semantic.	"I
			st

Value

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

References

[Official Documentation](#)

Examples

calcite_icon()

calcite_inline_editable
<i>Create a InlineEditable component</i>

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 accepted file types.
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 autocomplete attribute for more information.
clearable	clearable	When true, a clear button is displayed when the component has a value. The clear button is only displayed when the component is in a form.
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.
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 component will be associated with the first form it resides in.
groupSeparator	group-separator	When true, number values are displayed with a group separator corresponding to the locale.
icon	icon	When true, shows a default recommended icon. Alternatively, pass a Calcite UI icon name.
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.
loading	loading	When true, a busy indicator is displayed.
max	max	When the component resides in a form, specifies the maximum value for type="number".
maxLength	max-length	When the component resides in a form, specifies the maximum length of text for type="text".
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="number".
minLength	min-length	When the component resides in a form, specifies the minimum length of text for type="text".
multiple	multiple	When true, the component can accept more than one value. This property only has an effect when type="file".
name	name	Specifies the name of the component. Required to pass the component's value over a form.
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) pattern for type="text".
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 value.

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
<i>Create a InputDatePicker component</i>

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 displayed in a disabled state.
flipPlacements	NA	Specifies the component's fallback calcite-date-picker placement.
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 proper accessibility.
layout	layout	Defines the layout of the component.
max	max	When the component resides in a form, specifies the latest allowed date.
maxAsDate	NA	Specifies the latest allowed date as a full date object.
messageOverrides	NA	Use this property to override individual strings used by the component.
min	min	When the component resides in a form, specifies the earliest allowed date.
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 component's value to the form.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for displaying numbers.
open	open	When true, displays the calcite-date-picker component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content.
placement	placement	Specifies the placement of the calcite-date-picker relative to the target element.
proximitySelectionDisabled	proximity-selection-disabled	When true, disables the default behavior on the third click of the calendar.
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 disabled.
required	required	When true and the component resides in a form, the component is required.
scale	scale	Specifies the size of the component.
status	status	Specifies the status of the input field, which determines message to display.
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	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 begins.

calciteInputDatePickerBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening animation begins.
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 <i>InputMessage</i> 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" "s"
status	status	Specifies the status of the input field, which determines message and icons.	"idle" "error" "warning"

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 attribute.
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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component is not associated with a form.
groupSeparator	group-separator	When true, number values are displayed with a group separator corresponding to the locale.
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").

integer	integer	When true, restricts the component to integer numbers only and disables exponential notation.
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 displayed.
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 the component.
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 the component.
name	name	Specifies the name of the component. Required to pass the component's value on form submission.
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 valid value.
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 attribute.
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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component is not associated with a form.
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's button or hyperlink.
loading	loading	When true, the component is in the loading state and <code>calcite-progress</code> is displayed.
maxLength	max-length	When the component resides in a form, specifies the maximum length of text for the component.
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 the component.
name	name	Specifies the name of the component. Required to pass the component's value on form submission.
pattern	pattern	When the component resides in a form, specifies a regular expression (regex) pattern for the component.
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 value.
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()`

<code>calcite_input_time_picker</code>
<i>Create a InputTimePicker component</i>

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 opacity.
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 component is associated with the nearest form.
hourFormat	hour-format	Specifies the component's hour format, where: "user" displays the user's locale format, "short" displays a short format, and "long" displays a long format.
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 "absolute" will allow the component to be positioned relative to the nearest ancestor with a relative, absolute, or fixed position. Using "fixed" will allow the component to be positioned relative to the browser window.
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 and the component is displayed with lower opacity.
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.
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 begins.
calciteInputTimePickerBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition begins.
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 empty value is not allowed.
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 associated with the first form in the document.
maxItems	max-items	Specifies the component's maximum number of options to display before displaying a scroll bar.
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: "time" for time, "date" for date, "datetime" for datetime, "month" for month, "year" for year, "month-year" for month-year, "time-month-year" for time-month-year, "time-month-year-range" for time-month-year-range, "time-month-year-range-range" for time-month-year-range-range.
name	name	Specifies the name of the component. Required to pass the component's value on form submission.
offsetStyle	offset-style	Specifies how the offset will be displayed, where "user" uses UTC or GMT depending on the user's locale, "short" uses a short offset, and "long" uses a long offset.
open	open	When true, displays and positions the component.
overlayPositioning	overlay-positioning	Determines the type of positioning to use for the overlaid content. Using "absolute" will allow the component to be positioned anywhere on the page. Using "relative" will position the component relative to its parent.
readOnly	read-only	When true, the component's value can be read, but controls are not accessible and the component is displayed with lower opacity.
referenceDate	reference-date	This date will be used as a reference to Daylight Savings Time when creating time values.
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, in minutes, between the time zone and UTC.

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 begins.
calciteInputTimeZoneBeforeOpen	Fires when the component is added to the DOM but not rendered, and before the opening transition begins.
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 to.
layout	layout	Defines the layout of the label in relation to the component. Use "inline" positions to wrap the label.
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 can be pulled.
canPut	NA	When provided, the method will be called to determine whether the element can be put.
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.
displayMode	display-mode	Specifies the nesting behavior of calcite-list-items, where "flat" displays items at the same level.
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 end users to filter items.
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 properties are matched.
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 lists must have the same group.
interactionMode	interaction-mode	Specifies the interaction mode of the component. "interactive" allows interaction with the list items.
label	label	Specifies an accessible name for the component. When dragEnabled is true a label is required.
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 "background" (displays a background color).
selectionMode	selection-mode	Specifies the selection mode of the component, where: "multiple" allows any number of items to be selected.

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 opacity.
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 right-to-left.
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 parent component.
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-pick", or "single-pick-with-scroll", the item is selected.
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 begins.
calciteListItemSortHandleBeforeOpen	Fires when the sort handle is added to the DOM but not rendered, and before the opening transition begins.
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 component.
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 <code>calcite-list-item</code> 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 <code>calcite-list-item</code> and <code>calcite-list-item-group</code> 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. Other
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" "vertical"
messageOverrides	NA	Use this property to override individual strings used by the component.	Check API reference

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 relative URL.
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.
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 overlay.
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 opacity.
fillType	fill-type	Specifies the component's display, where "single" displays a single color and "range" displays a range of colors.
form	form	The id of the form that will be associated with the component. When not set, the component is associated with the form of the parent component.
groupSeparator	group-separator	When true, number values are displayed with a group separator corresponding to the locale.
high	high	Specifies a high value. When fillType is "range", displays a different color when the value is high.
label	label	Accessible name for the component.
low	low	Specifies a low value. When fillType is "range", displays a different color when the value is low.
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 form submit.
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 true, specifies the unit of the component.
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 mobile devices.
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 -heightScale.

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 begins.
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 component.
content-bottom	A slot for adding content to the component’s sticky footer, where content remains at the bottom of the component.
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 <code>navigationAction</code> is true, specifies the label of the <code>calcite-action</code> .
navigationAction	navigation-action	When true, displays a <code>calcite-action</code> and emits a <code>calciteNavActionSelect</code> event.

Events:

The following events are observed by shiny:

Event	Description
<code>calciteNavigationActionSelect</code>	When <code>navigationAction</code> is true, emits when the displayed action selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
<code>logo</code>	A slot for adding a <code>calcite-logo</code> component to the primary navigation level.
<code>user</code>	A slot for adding a <code>calcite-user</code> component to the primary navigation level.
<code>progress</code>	A slot for adding a <code>calcite-progress</code> component to the primary navigation level.
<code>navigation-action</code>	A slot for adding a <code>calcite-action</code> component to the primary navigation level.
<code>content-start</code>	A slot for adding a <code>calcite-menu</code> , <code>calcite-action</code> , or other interactive elements in the start position.
<code>content-center</code>	A slot for adding a <code>calcite-menu</code> , <code>calcite-action</code> , or other interactive elements in the center position.
<code>content-end</code>	A slot for adding a <code>calcite-menu</code> , <code>calcite-action</code> , or other interactive elements in the end position.
<code>navigation-secondary</code>	A slot for adding a <code>calcite-navigation</code> component in the secondary navigation level. Components rendered here will be visible to all users.
<code>navigation-tertiary</code>	A slot for adding a <code>calcite-navigation</code> component in the tertiary navigation level. Components rendered here will be visible to all users.

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, without
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 r
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
<i>Create a NavigationUser component</i>

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 name.
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 transition begins.
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	Default
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.	boolean	FALSE
label	label	Accessible name for the component.	string	''
selected	selected	When true, the component is selected.	boolean	FALSE
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_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	Default
disabled	disabled	When true, interaction is prevented and the component is displayed with lower opacity.	boolean	FALSE
label	label	Accessible name for the component.	string	''

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 <code>true</code> , number values are displayed with a group separator corresponding to the locale.
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 opacity.
heading	heading	The component header text.

headingLevel	heading-level	Specifies the heading level of the component's heading for proper document structure.
loading	loading	When true, a busy indicator is displayed.
menuFlipPlacements	NA	Specifies the component's fallback menu placement when it's initial or specified placement is not available.
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 "absolute" will position the content relative to the component.
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-start" slot.
footer-actions	Deprecated Use the footer-start and footer-end slots instead. A slot for adding calcite-buttons to the footer.
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 overlapping
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 transition begins.
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 associated with the nearest form.
name	name	Specifies the name of the component. Can be inherited from calcite-radio-button-group. Required when type is "determinate".
required	required	When true and the component resides in a form, the component must have a value selected from the choices.
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
<i>Create a RadioButtonGroup component</i>

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 opacity.
layout	layout	Defines the layout of the component.
name	name	Specifies the name of the component on form submission. Must be unique to other components in the form.
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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component is associated with the default form.
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 to the validation message.
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 a chip.
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_scrip(...)
```

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 referen

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_scrip()
```

calcite_segmented_control
<i>Create a SegmentedControl component</i>

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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component is not associated with a form.
layout	layout	Defines the layout of the component.
name	name	Specifies the name of the component. Required to pass the component's value on form submission.
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 <code>HTMLElement</code> .
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 <code>selectedItem</code> value.
width	width	Check API reference

Events:

The following events are observed by shiny:

Event	Description
<code>calciteSegmentedControlChange</code>	Fires when the <code>calcite-segmented-control-item</code> selection changes.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding <code>calcite-segmented-control-items</code> .

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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component will be associated with the nearest form.
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.
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.
selectedOption	NA	The component's selected option <code>HTMLElement</code> .
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 <code>selectedOption</code> value.
width	width	Check API reference

Events:

The following events are observed by shiny:

Event	Description
calciteSelectChange	Fires when the <code>selectedOption</code> 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
<code>beforeClose</code>	NA	Passes a function to run before the component closes.
<code>displayMode</code>	<code>display-mode</code>	Specifies the display mode - "float" (content is separated detached), or "overlaid"
<code>escapeDisabled</code>	<code>escape-disabled</code>	When true, disables the default close on escape behavior.
<code>focusTrapDisabled</code>	<code>focus-trap-disabled</code>	When true, prevents focus trapping.
<code>height</code>	<code>height</code>	Specifies the height of the component.
<code>heightScale</code>	<code>height-scale</code>	When position is "block-start" or "block-end", specifies the height of the component.
<code>label</code>	<code>label</code>	Specifies the label of the component.
<code>messageOverrides</code>	NA	Use this property to override individual strings used by the component.
<code>open</code>	<code>open</code>	When true, displays and positions the component.
<code>outsideCloseDisabled</code>	<code>outside-close-disabled</code>	When true, disables the closing of the component when clicked outside.
<code>position</code>	<code>position</code>	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 begins.
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 to the component.
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-center-row content.
modals	A slot for adding calcite-modal components. When placed in this slot, the modal position will be constrained to the center of the component.
dialogs	A slot for adding calcite-dialog components. When placed in this slot, the dialog position will be constrained to the center of the component.
alerts	A slot for adding calcite-alert components. When placed in this slot, the alert position will be constrained to the center of the component.
sheets	A slot for adding calcite-sheet components. When placed in this slot, the sheet position will be constrained to the center of the component.

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 <code>true</code> , 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 ("r").

Slots:

The following slots are provided by this component:

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

Value

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

References

[Official Documentation](#)

Examples

```
calcite_shell_center_row()
```

<code>calcite_shell_panel</code>	<i>Create a <code>ShellPanel</code> component</i>
----------------------------------	---------------------------------------------------

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

Events:

The following events are observed by shiny:

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

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 opacity.
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 one is not available.
kind	kind	Specifies the kind of the component, which will apply to border and background color.
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 "absolute" will allow the component to be positioned outside the boundaries of the container element.
placement	placement	Determines where the component will be positioned relative to the container element.
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 element is right-to-left.
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
icon	icon	When true, displays a status icon in the calcite-stepper-item heading.
layout	layout	Defines the layout of the component.
messageOverrides	NA	Use this property to override individual strings used by the component.
numbered	numbered	When true, displays the step number in the calcite-stepper-item heading.
numberingSystem	numbering-system	Specifies the Unicode numeral system used by the component for localization.
scale	scale	Specifies the size of the component.
selectedItem	NA	Specifies the component's selected item.

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 <code>calcite-stepper-item</code> 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 associated with the nearest form.
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-tab-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 the locale.
interactionMode	interaction-mode	When "interactive", allows focus and keyboard navigation of table-headers and data.
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-pagination.
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 number of items to be selected.
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-table-header elements.
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-table-header elements.
selection-actions	A slot for adding calcite-actions or other elements to display when selectionMode is not "none" and selection is enabled.

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" "left" "right"
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 reference
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()`

<code>calcite_table_header</code>	<i>Create a <code>TableHeader</code> component</i>
-----------------------------------	----------------------------------------------------

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
<code>alignment</code>	<code>alignment</code>	Specifies the alignment of the component.	"center" "end"
<code>colSpan</code>	<code>col-span</code>	Specifies the number of columns the component should span.	number
<code>description</code>	<code>description</code>	A description to display beneath heading content.	string
<code>heading</code>	<code>heading</code>	A heading to display above description content.	string
<code>messageOverrides</code>	NA	Use this property to override individual strings used by the component.	Check API refer
<code>rowSpan</code>	<code>row-span</code>	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 ("inline-block") or the end ("right").
position	position	Specifies the position of calcite-tab-nav and calcite-tab-title components in relation to the calcite-table.
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 <code>calcite-tab-nav</code> and <code>calcite-tab-title</code> components in relation to the tabs.
selectedTitle	NA	Specifies the component's selected <code>calcite-tab-title</code> .
storageId	storage-id	Specifies the name when saving selected <code>calcite-tab</code> data to <code>localStorage</code> .
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-left.
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 relation to the tab.
selected	selected	When true, the component and its respective calcite-tab contents are selected. Only one tab can be selected.
tab	tab	Specifies a unique name for the component. When specified, use the same value on the calcite-tab component.

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 opacity.
form	form	The id of the form that will be associated with the component. When not set, the component is associated with the nearest form.
groupSeparator	group-separator	When true, number values are displayed with a group separator corresponding to the locale.
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 characters.
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 characters.
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 value.
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 <code>true</code> , 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 <code>true</code> , interaction is prevented and the component is displayed with lower opacity.
embed	embed	The component's embed mode. When <code>true</code> , renders without a border and padding for use by other components.
heading	heading	The component header text, which displays between the icon and description.
href	href	When <code>embed</code> is <code>"false"</code> , the URL for the component.
icon	icon	Specifies an icon to display.
iconFlipRtl	icon-flip-rtl	When <code>true</code> , the icon will be flipped when the element direction is right-to-left (<code>"rtl"</code>).

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 componen

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 lower opacity.
label	label	Accessible name for the component.
layout	layout	Defines the layout of the component. Use "horizontal" for rows, and "vertical" for columns.
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 radio button)
selectionMode	selection-mode	Specifies the selection mode, where: - "multiple" (allows any number of selections)

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 component.
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, and "checkbox" is for multiple selection.
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 emits when selected.

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()
```

<code>calcite_tile_select_group</code>
<i>Create a <code>TileSelectGroup</code> component</i>

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
<code>disabled</code>	<code>disabled</code>	When true, interaction is prevented and the component is displayed with lower opacity.
<code>layout</code>	<code>layout</code>	Defines the layout of the component. Use "horizontal" for rows, and "vertical" for a single column.

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding <code>calcite-tile-select</code> 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 <code>calcite-tip-manager</code> . Only o

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 <code>calcite-tips</code> .	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 <i>TipManager</i> 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 <code>referenceElement</code> is clicked.
label	label	Accessible name for the component.
offsetDistance	offset-distance	Offset the position of the component away from the <code>referenceElement</code> .
offsetSkidding	offset-skidding	Offset the position of the component along the <code>referenceElement</code> .
open	open	When <code>true</code> , 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 referenceElement
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 transition begins.
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 check

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 <code>true</code> , interaction is prevented and the component is displayed with lower opacity.	boolean
expanded	expanded	When <code>true</code> , the component is expanded.	boolean
iconFlipRtl	icon-flip-rtl	When <code>true</code> , the icon will be flipped when the element direction is right-to-left (" <code>rtl</code> ").	"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 <code>true</code> , the component is selected.	boolean

Slots:

The following slots are provided by this component:

Slot	Description
Default (unnamed)	A slot for adding text.
children	A slot for adding nested <code>calcite-tree</code> 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	<i>Calcite components version</i>
-----------------	-----------------------------------

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 <code>shiny::getDefaultReactiveDomain()</code> .

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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