

# Package ‘calcite’

July 22, 2025

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

**Version** 0.1.0

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

**License** Apache License (>= 2)

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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 component. |
| 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           | <b>Deprecated</b> 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 "absolute" for absolute positioning and "relative" for relative 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    | <b>Deprecated</b> 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 placement is not available.                           |
| 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                                                                     |
|-----------------------------------|--------------------------------------|---------------------------------------------------------------------------------|
| <code>actionsEndGroupLabel</code> | <code>actions-end-group-label</code> | Specifies the accessible label for the last <code>calcite-action-group</code> . |
| <code>expandDisabled</code>       | <code>expand-disabled</code>         | When <code>true</code> , the expand-toggling behavior is disabled.              |
| <code>expanded</code>             | <code>expanded</code>                | When <code>true</code> , the component is expanded.                             |
| <code>layout</code>               | <code>layout</code>                  | Indicates the layout of the component.                                          |
| <code>messageOverrides</code>     | NA                                   | Use this property to override individual strings used by the component.         |
| <code>overlayPositioning</code>   | <code>overlay-positioning</code>     | Determines the type of positioning to use for the overlaid content. Using       |
| <code>position</code>             | <code>position</code>                | Arranges the component depending on the element's <code>dir</code> property.    |
| <code>scale</code>                | <code>scale</code>                   | Specifies the size of the expand <code>calcite-action</code> .                  |

Events:

The following events are observed by shiny:

| Event                               | Description                                  |
|-------------------------------------|----------------------------------------------|
| <code>calciteActionPadToggle</code> | Fires when the expanded property is toggled. |

Slots:

The following slots are provided by this component:

| Slot                        | Description                                                           |
|-----------------------------|-----------------------------------------------------------------------|
| Default (unnamed)           | A slot for adding <code>calcite-actions</code> to the component.      |
| <code>expand-tooltip</code> | A slot to set the <code>calcite-tooltip</code> 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                | <b>Deprecated</b> 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             | <b>Deprecated</b> 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 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 href.                                         |
| 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 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.                                                                                    |



|                  |             |                                                                                           |
|------------------|-------------|-------------------------------------------------------------------------------------------|
| 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             | <a href="#">Deprecated</a> use heading instead. A slot for adding a heading.         |
| subtitle          | <a href="#">Deprecated</a> 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           |
| 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 allow the component to be positioned anywhere on the page. Using "fixed" will position the component on the screen, relative to the viewport. |
| 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           | <b>Deprecated</b> 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 not NA.              |
| 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       | <b>Deprecated</b> 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 provided, the callback is executed after the component is disabled. |
| controls         | controls        | When true and editingEnabled is true, displays save and cancel controls on the component.                                                                 |
| disabled         | disabled        | When true, interaction is prevented and the component is displayed with lower opacity.                                                                    |
| 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-input.                                                                  |

### 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 <code>autocomplete</code> 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 form that contains it. |
| 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 the wire.                                                    |
| 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 component.            |
| 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 at |
| 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 c     |
| form           | form            | The id of the form that will be associated with the component. When not set, the    |
| groupSeparator | group-separator | When true, number values are displayed with a group separator corresponding to      |
| icon           | icon            | Specifies an icon to display.                                                       |
| iconFlipRtl    | icon-flip-rtl   | When true, the icon will be flipped when the element direction is right-to-left ("  |

|                   |                    |                                                                                                 |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------|
| integer           | integer            | When true, restricts the component to integer numbers only and disables 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()`

---

|                                           |
|-------------------------------------------|
| calcite_input_time_picker                 |
| <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 position the component relative to the nearest ancestor with a positioning value of "relative", "absolute", or "fixed". |
| 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 is a <code>shiny.tag</code> . |
| 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.                         |
| 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 for accessibility.                                               |
| 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. |
| value          | value            | Specifies the current value of the component.                                 |
| valueLabel     | value-label      | When true, displays the current value.                                        |
| valueLabelType | value-label-type | When valueLabel is true, specifies the format of displayed label.             |

Value

an object of class calcite\_component which is a subclass of shiny.tag

References

[Official Documentation](#)

Examples

```
calcite_meter()
```

---

|               |                          |
|---------------|--------------------------|
| calcite_modal | Create a Modal component |
|---------------|--------------------------|

---

Description

Use the calcite-dialog component instead.

Usage

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

Arguments

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

Details

Properties:

The following properties are provided by this component:

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

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

**Events:**

The following events are observed by shiny:

| Event                   | Description                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| calciteModalBeforeClose | Fires when the component is requested to be closed and before the closing transition begins.             |
| calciteModalBeforeOpen  | Fires when the component is added to the DOM but not rendered, and before the opening transition 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 on all levels. |
| <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 on all levels.  |

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 viewport. |
| 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       | <b>Deprecated</b> 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 parent component.                         |
| 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 <code>true</code> , 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        | <b>Deprecated</b> 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 <code>ticks</code> 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 page.                                                             |
| <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 <code>step</code> 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     |
| dropdownIconType   | dropdown-icon-type    | Specifies the icon used for the dropdown menu.                                    |
| dropdownLabel      | dropdown-label        | Accessible name for the dropdown menu.                                            |
| flipPlacements     | NA                    | Specifies the component's fallback slotted content placement when it's initial or |
| kind               | kind                  | Specifies the kind of the component, which will apply to border and background    |
| loading            | loading               | When true, a busy indicator is displayed on the primary button.                   |
| overlayPositioning | overlay-positioning   | Determines the type of positioning to use for the overlaid content. Using "absol  |
| placement          | placement             | Determines where the component will be positioned relative to the container ele   |
| primaryIconEnd     | primary-icon-end      | Specifies an icon to display at the end of the primary button.                    |
| primaryIconFlipRtl | primary-icon-flip-rtl | Displays the primaryIconStart and/or primaryIconEnd as flipped when the el        |
| primaryIconStart   | primary-icon-start    | Specifies an icon to display at the start of the primary button.                  |
| primaryLabel       | primary-label         | Accessible name for the primary button.                                           |

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

**Events:**

The following events are observed by shiny:

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

**Slots:**

The following slots are provided by this component:

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

**Value**

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

**References**

[Official Documentation](#)

**Examples**

```
calcite_split_button()
```

---

|                 |                            |
|-----------------|----------------------------|
| calcite_stepper | Create a Stepper component |
|-----------------|----------------------------|

---

**Description**

Create a Stepper component

**Usage**

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

**Arguments**

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

Details

Properties:

The following properties are provided by this component:

| Name             | Attribute        | Description                                                                  |
|------------------|------------------|------------------------------------------------------------------------------|
| 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 <i>StepperItem</i> 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                                                      |
|---------------------------------------|------------------------------------------------------------------|
| <code>calciteStepperItemSelect</code> | 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 <code>calcite-tab</code> . |
| tab      | tab       | Specifies a unique name for the component. When specified, use the same value on the <code>calcite-tab</code> .      |

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-cell |
| 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-cell |
| selection-actions | A slot for adding calcite-actions or other elements to display when selectionMode is not "none" and  |

**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()
```

---

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

---

**Description**

Create a `TableHeader` component

**Usage**

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

**Arguments**

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

**Details**

**Properties:**

The following properties are provided by this component:

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

Value

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

References

[Official Documentation](#)

Examples

```
calcite_table_header()
```

---

|                   |                             |
|-------------------|-----------------------------|
| calcite_table_row | Create a TableRow component |
|-------------------|-----------------------------|

---

Description

Create a TableRow component

Usage

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

Arguments

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

Details

Properties:

The following properties are provided by this component:

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

Events:

The following events are observed by shiny:

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

**Slots:**

The following slots are provided by this component:

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

**Value**

an object of class calcite\_component which is a subclass of shiny.tag

**References**

[Official Documentation](#)

**Examples**

```
calcite_table_row()
```

---

|              |                         |
|--------------|-------------------------|
| calcite_tabs | Create a Tabs component |
|--------------|-------------------------|

---

**Description**

Create a Tabs component

**Usage**

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

**Arguments**

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

**Details**

**Properties:**

The following properties are provided by this component:

| Name     | Attribute | Description                                                                                                                  |
|----------|-----------|------------------------------------------------------------------------------------------------------------------------------|
| bordered | bordered  | When true, the component will display with a folder style menu.                                                              |
| layout   | layout    | Specifies the layout of the calcite-tab-nav, justifying the calcite-tab-titles to the start ("inline") or the end ("right"). |
| position | position  | Specifies the position of calcite-tab-nav and calcite-tab-title components in relation to the calcite-tab-content.           |
| scale    | scale     | Specifies the size of the component.                                                                                         |

**Slots:**

The following slots are provided by this component:

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

**Value**

an object of class calcite\_component which is a subclass of shiny.tag

**References**

[Official Documentation](#)

**Examples**

```
calcite_tabs()
```

---

|                 |                           |
|-----------------|---------------------------|
| calcite_tab_nav | Create a TabNav component |
|-----------------|---------------------------|

---

**Description**

Create a TabNav component

**Usage**

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

**Arguments**

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

**Details**

**Properties:**

The following properties are provided by this component:

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



**Events:**

The following events are observed by shiny:

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

**Slots:**

The following slots are provided by this component:

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

**Value**

an object of class calcite\_component which is a subclass of shiny.tag

**References**

[Official Documentation](#)

**Examples**

calcite\_tab\_nav()

---

|                   |                             |
|-------------------|-----------------------------|
| calcite_tab_title | Create a TabTitle component |
|-------------------|-----------------------------|

---

**Description**

Create a TabTitle component

**Usage**

calcite\_tab\_title(...)

**Arguments**

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

**Details**

Tab-titles are optionally individually closable.

**Properties:**

The following properties are provided by this component:

| Name             | Attribute     | Description                                                                                                  |
|------------------|---------------|--------------------------------------------------------------------------------------------------------------|
| closable         | closable      | When true, a close button is added to the component.                                                         |
| closed           | closed        | When true, does not display or position the component.                                                       |
| disabled         | disabled      | When true, interaction is prevented and the component is displayed with lower opacity.                       |
| iconEnd          | icon-end      | Specifies an icon to display at the end of the component.                                                    |
| iconFlipRtl      | icon-flip-rtl | Displays the iconStart and/or iconEnd as flipped when the element direction is right-to-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  | <a href="#">Deprecated</a> use content-top slot instead. A slot for adding non-actionable elements before the component' |
| content-end    | <a href="#">Deprecated</a> 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 only emits when checked. |

**Slots:**

The following slots are provided by this component:

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

**Value**

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

**References**

[Official Documentation](#)

**Examples**

```
calcite_tile_select()
```

---

|                                           |
|-------------------------------------------|
| calcite_tile_select_group                 |
| <i>Create a TileSelectGroup 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                                                                                         |
|----------|-----------|-----------------------------------------------------------------------------------------------------|
| disabled | disabled  | When true, interaction is prevented and the component is displayed with lower opacity.              |
| layout   | layout    | Defines the layout of the component. Use "horizontal" for rows, and "vertical" for a single 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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