

TELUS Component Library

ToggleSwitchGroup


Multi-Platform Component | [Figma UI KIT](#)

First item 

Second item 

Third item  

Fourth item 

Fifth item 

```
<ToggleSwitchGroup
  items={ [
    { label: 'First item', id: 'first' },
    { label: 'Second item', id: 'second' },
    { label: 'Third item', id: 'third', tooltip: 'Third time is
a charm' },
    { label: 'Fourth item', id: 'fourth' },
    { label: 'Fifth item', id: 'fifth' }
  ] }
/>
```

Introduction

ToggleSwitchGroup allows the selection of (by default) one element from a selection of labeled buttons.

[Follow the appropriate instructions](#) to add this component in to your app.

Guidance

Use for sets of options with very simple, short labels, ideally one word or two.

Consider `RadioGroup` for items with labels of a few words in length and `RadioCard` for more complex options requiring a title and additional description content.

`maxValues` prop

The prop `maxValues` may be passed to allow more than one item to be selected. Pass a number to set that as the maximum, or `null` to have no maximum and allow any number of selections.

First item ☐

Second item ☐

Third item ☐

Fourth item ☐

Fifth item ☐

```
<ToggleSwitchGroup
  items={[
    { label: 'First item', id: 'first' },
    { label: 'Second item', id: 'second' },
    { label: 'Third item', id: 'third' },
    { label: 'Fourth item', id: 'fourth' },
    { label: 'Fifth item', id: 'fifth' }
  ]}
  maxValues={2}
/>
```

`onChange` prop

An `onChange` function may be provided, which is called when a `ToggleSwitchGroup` item is toggled.

First item ☐

Second item ☐

Third item ☐

Fourth item



Fifth item



```

<ToggleSwitchGroup
  items={[
    { label: 'First item', id: 'first' },
    { label: 'Second item', id: 'second' },
    { label: 'Third item', id: 'third' },
    { label: 'Fourth item', id: 'fourth' },
    { label: 'Fifth item', id: 'fifth' }
  ]}
  onChange={({state}) => setTimeout(() => alert(`ToggleSwitchGroup
has selected: ${state}`), 100)}
/>

```

Controlled usage with `values` prop

Pass an array of item ids to the `values` prop as well as `onChange` to control the ToggleSwitchGroup from a parent.

This is usually the easiest way to control sibling content with a ToggleSwitchGroup.

No selection saved

First item



Second item



Third item



Fourth item



Fifth item



```

function ControlledToggleSwitchGroup() {
  const [values, setValues] = useState([])
  const text = values.length ? `Saved: "${values.join(' ',
  '"')}"` : 'No selection saved'
  return (
    <StackView space={2}>

```

```

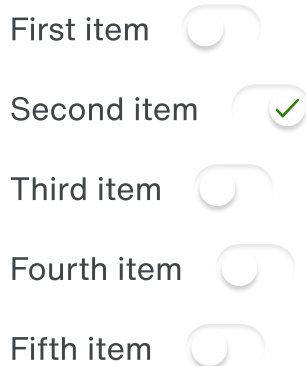
    <Typography variant={{ size: 'small' }}>{text}</Typography>
  </Typography>
  <ToggleSwitchGroup
    values={values}
    onChange={setValues}
    items={[
      { label: 'First item', id: 'first' },
      { label: 'Second item', id: 'second' },
      { label: 'Third item', id: 'third' },
      { label: 'Fourth item', id: 'fourth' },
      { label: 'Fifth item', id: 'fifth' }
    ]}
  />
</StackView>
)
}

```

Uncontrolled usage

The ToggleSwitchGroup manages its own state internally if `values` is not passed.

A default selection may be set by passing an array of item IDs to `initialValues`. Do not use both `initialValues` and `values` props in the same `ToggleSwitchGroup`.



```

<ToggleSwitchGroup
  items={[
    { label: 'First item', id: 'first' },
    { label: 'Second item', id: 'second' },
    { label: 'Third item', id: 'third' },
    { label: 'Fourth item', id: 'fourth' },
    { label: 'Fifth item', id: 'fifth' }
  ]}

```

```
  ]}  
  initialValues=[['second']]  
/>
```

Accessibility

By default, `ToggleSwitchGroup` is treated by accessibility tools as a group of radio buttons.

If `maxValues` prop is used to allow multiple selections, the buttons will be treated like checkboxes.

Platform considerations

The component is available on both native platforms and web.

Props

| Name | Type | Platform | Default | Description |
|-----------|-------------|----------|---------|--|
| copy | 'en' 'fr' | standard | | Whether the English or French copy will be used (e.g. for accessibility labels). |
| tokens | tokens | standard | | System tokens prop, see tokens for more details. |
| variant | variant | standard | | System variant prop, see variants for more details. |
| maxValues | number | standard | | The maximum number of items. |

| Name | Type | Platform | Default | Description |
|----------|---------|----------|---------|---|
| | | | | user may select one. Defaults to 1 and behaves like radio buttons. They have no limit and allow any number of selections, per the `null`. |
| items | arrayOf | standard | | The options a user may select |
| onChange | func | standard | | If provided, this function is called when the current selection is changed and is passed an array of the `id`s of all currently selected `items`. |
| values | arrayOf | standard | | If the selected item(s) in the toggle switch group are to be controlled externally by a parent component, pass an array of strings as well as an `onChange` handler. Passing an array for "values" makes the ToggleSwitchGroup a "controlled" |

| Name | Type | Platform | Default | Description |
|---------------|--------------------|----------|---------|--|
| | | | | component that expects its state to be handled via <code>onChange</code> and doesn't handle itself. |
| initialValues | arrayOf | standard | | If <code>values</code> is not passed, making ToggleSwitchGroup an "uncontrolled" component managing its own selected state, a default set of selections may be provided. Characteristic: the <code>initialValues</code> does not change the user's selections. |
| hint | string | standard | | Optional additional text giving more detail to help a user make a choice. |
| hintPosition | 'inline' 'below' | standard | | Position of the hint relative to the label. Use <code>'below'</code> to display a larger hint below the label. |
| tooltip | string | standard | | Optional tooltip text content to include alongside the component. |

| Name | Type | Platform | Default | Description |
|--------------------|---------------------|----------|---------|---|
| | | | | the legend and hint. |
| feedback | string | standard | | If provided, a Feedback elem is rendered containing this |
| legend | string | standard | | Main text used describe this group, used in Fieldset's Lege element. |
| toggleSwitchTokens | custom | standard | | Toggle switch token overrides |
| validation | 'error' 'success' | standard | | Current validat status of the gr passed to the feedback elem if there is one. |

Tokens

In exceptional circumstances, the following tokens can be passed to this component to override its default styles. **Do not do this unless absolutely necessary.** [Read more about overriding styles.](#)

► View Tokens

Variants

This component does not have any stylistic variants.

Feedback

- Spotted a problem with this component? Raise an [issue on GitHub](#)
- See any [existing issues](#) for this component
- Contact the team on slack in [#ds-support](#)