TELUS Component Library

ToggleSwitch

Multi-Platform Component | Figma UI KIT

```
Enable data ②

<ToggleSwitch label="Enable data" tooltip="Toggle this on to
enable data" />
```

Introduction

Use ToggleSwitch to control a boolean state.

<u>Follow the appropriate instructions</u> to add this component in to your app.

Guidance

- Use ToggleSwitch where a user can alternate between easy-tounderstand "on" and "off" states.
- Use <u>ToggleSwitchGroup</u> if you need to combine several switches and / or implement a radio group-like behavior.

Uncontrolled usage with initialValue prop

By default, ToggleSwitch controls its own state. Its default state may be set using initialValue prop, and onChange may also be passed to trigger an action when the value changes.

```
<ToggleSwitch
  label="Enable data"
  initialValue={true}
  onChange={(newValue) => alert(`New value is "${newValue}"`)}
```

/>

Controlled usage with value prop

Pass a boolean true or false to the value prop and pass a state-setting function to the onChange prop to control the ToggleSwitch from a parent.

This makes the ToggleSwitch not manage its own state and instead trust the parent component to manage it. If a ToggleSwitch uses this pattern, it must always receive a value prop of true or false (never undefined), and its intialValue prop should not be used.

Accessibility

If a ToggleSwitch 's effect is understood through context in the surrounding text, pass the accessibilityLabel prop so that users of accessibility tools such as screen readers know exactly what the ToggleSwitch will do at the time they will use it.

Marketing preferences

Choose whether to receive marketing emails, such as special offers.

When used as a standalone input, ToggleSwitch has the switch role and declares its on/off state as selected. If a group of ToggleSwitches are used like radio buttons where only one may be selected at a time, setting the radio role via accessibilityRole may be more appropriate.

Platform considerations

The component is available on both native platforms and web.

Props

Name	Туре	Platform	Default	Description
сору	'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

Name	Туре	Platform	Default	Description
				details
variant	variant	standard		System variant prop, see <u>variants</u> for more details
value	bool	standard		If this is a "controlled" component and a parent handles its selected state, tells the switch if it is on (true) or off (false).
initialValue	bool	standard		If this is an "uncontrolled" component that handles its own selected state, optionally tells the switch if it should default to on (true) or off (false).
onChange	func	standard		Function called when the switch is toggled, with one boolean argument that is the new position of the switch, on (true) or off (false). For "controlled" components, this should always be passed and used to control the state of the switch.
id	string	standard		Input ID.

Name label	Type string	Platform standard	Default	Description An optional label.
inactive	bool	standard		If passed, the switch does not respond to user input and may recieve different theme tokens if the theme supports inactive appearance.
tooltip	string	standard		Content of an optional Tooltip. If set, a tooltip button will be shown next to the label.

Tokens

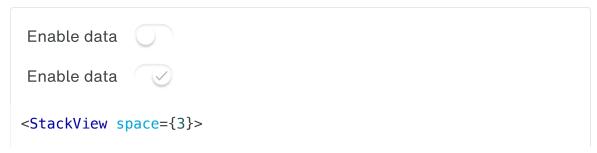
In exceptional circumstances, the following tokens can be passed to this component to override its default styles. **Do not do this unless absolutely necessary.** Read more about overriding styles.

▶ View Tokens

Variants

This component does not have any stylistic variants.

It does have an <u>inactive</u> appearance state. Use this only when absolutely necessary along with clear messaging (such as <u>Feedback</u>) as to what the user should do.



```
<ToggleSwitch label="Enable data" initialValue={false}
inactive />
  <ToggleSwitch label="Enable data" initialValue={true} inactive
/>
  </StackView>
```

Try to structure user interactions such that inactive inputs are not needed because they intuitively do not become part of the content flow.

Feedback

- Spotted a problem with this component? Raise an issue on GitHub
- See any <u>existing issues</u> for this component
- Contact the team on slack in #ds-support