

Flutter Buttons

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Buttons

- Buttons are the graphical control element that provides a user to trigger an event such as taking actions, making choices, searching things, and many more.
- They can be placed anywhere in our UI like dialogs, forms, cards, toolbars, etc.
- Buttons are the Flutter widgets, which is a part of the material design library.
- Flutter provides several types of buttons that have different shapes, styles, and features.

Buttons

- The standard features of a button in Flutter are given below:
 - We can easily apply themes on buttons, shapes, color, animation, and behavior.
 - We can also theme icons and text inside the button.
 - Buttons can be composed of different child widgets for different characteristics.

Buttons

- Following are the different types of button available in Flutter.

Flat Button

Raised Button

Floating Button

Drop Down Button

Icon Button

Inkwell Button

PopupMenu Button

Outline Button

Flat Button

- It is a text label button that does not have much decoration and displayed without any elevation.
- The flat button has two required properties that are: `child` and `onPressed()`. It is mostly used in toolbars, dialogs, or inline with other content.
- By default, the flat button has no color, and its text is black. But, we can use color to the button and text using `color` and `textColor` attributes, respectively.

Raised Button

- It is a button, which is based on the material widget and has a rectangular body.
- It is similar to a flat button, but it has an elevation that will increase when the button is pressed.
- It adds dimension to the UI along Z-axis. It has several properties like text color, shape, padding, button color, the color of a button when disabled, animation time, elevation, etc.

Raised Button

- This button has two callback functions.
- `onPressed()`: It is triggered when the button is pressed.
- `onLongPress()`: It is triggered when the button is long pressed.
- It is to note that this button is in a disabled state if `onPressed()` and `onLongPressed()` callbacks are not specified.

Raised Button

- Example

Thank you

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