

Emulators:-

An emulator is a virtual device that stimulates a real world device. It allows developers to run and test flutter app without needing a physical phone.

- Commonly used emulators
- Android
- IOS Simulator

Widget

In flutter everything is a widget. A widget is a UI component used to build app interface.

Structural Widget

Interactive Widget

Layout Widget

Does not change once it is built

Used for static UI elements
A simple Label or icon.

Can change dynamically based on user interaction

Uses a state class to manage change

Button counters, user Input

Shared preference:

Max Space: Around 1 MB

Data structure: key-value pairs (Map<string,

Put~()|get(): Used to add / get values

remove()|clear: Deletes Data

Build-in : No extra dependencies

shared preference is a plugin
that provides a way to