Widgets and Layouts

Starting Point of application: My App widget is called in the main method loaded by run App. My App is a Material app.

The scaffold is just like Bootstrap. It has everything built in.







# Widgets

## Platform Specific Widgets

Cupertino\* for IOS widgets

Scaffold for Android

## Layout Widgets

Work as Containers

Divided into two types:

1. Single Child widgets

Ex: Body, Center, Container, Padding

1. Multi Child widgets

Ex: Row, Column, Stack, List View

## State Maintenance Widgets

* Stateless Widgets
* State Widgets

## Platform Independent Widgets

Text, Image, Icon, etc.

# Text Widget



# Image Widget

## Image from assets

Create a folder of assets

Place the image in it

Give image folder path in pubspec.yaml





## Image from Network



# Icons



# Buttons

## Text Button



## Button Bar



# Layouts

Containers which have a set of rules applied to the children

## Single Child

They have a child property to pass any element.

### Center



## Multiple Child

They have a children property to pass elements.

### Row



### Column



### Custom Dynamic Layouts





# Login Form

