

Widgets básicos

<https://flutter-es.io/docs/development/ui/widgets/basics>

```
/lib/main.dart
import 'package:flutter/material.dart';

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Bienvenidos a Flutter',
      home: Scaffold(
        appBar: AppBar(
          title: Text('Bienvenidos a Flutter'),
        ),
        body:

          // copiar los widgets basicos
          Center(
            child: Text('Hola Mundo Marcelo'),
          ),
          // copiar hasta aqui

      ),
    );
  }
}
```

Container

<https://api.flutter.dev/flutter/widgets/Container-class.html>

/lib/main.dart

```
Center(  
  child: Container(  
    margin: const EdgeInsets.all(10.0),  
    color: Colors.amber[600],  
    width: 48.0,  
    height: 48.0,  
  ),  
)
```

/lib/main.dart

```
Container(  
  constraints: BoxConstraints.expand(  
    height:  
      Theme.of(context).textTheme.display1.fontSize * 1.1 + 200.0,  
  ),  
  padding: const EdgeInsets.all(8.0),  
  color: Colors.blue[600],  
  alignment: Alignment.center,  
  child: Text('Hola Mundo',  
    style: Theme.of(context)  
      .textTheme  
      .display1  
      .copyWith(color: Colors.white)),  
  transform: Matrix4.rotationZ(0.1),  
)
```

Row

<https://api.flutter.dev/flutter/widgets/Row-class.html>

/lib/main.dart

```
Row(  
  children: <Widget>[  
    Expanded(  
      child: Text('Texto alineado izquierda',  
        textAlign: TextAlign.center),  
    ),  
    Expanded(  
      child: Text('Texto al medio', textAlign: TextAlign.center),  
    ),  
    Expanded(  
      child: FittedBox(  
        fit: BoxFit.contain, // otherwise the logo will be tiny  
        child: const FlutterLogo(),  
      ),  
    ),  
  ],  
)
```

/lib/main.dart

```
Row(  
  children: <Widget>[  
    const FlutterLogo(),  
    const Expanded(  
      child: Text(  
        'Flutter\'s Desde el corazón de la comunidad FlutterES, nace un nuevo  
concepto de academia online para ayudar a formar profesionales en nuestro SDK favorito.'  
      ),  
    ),  
    const Icon(Icons.sentiment_very_satisfied),  
    const Expanded(  
      child: Text(  
        'Trae tu aplicación a la vida en cuestión de milisegundos con Hot R  
eload. Utilice un completo conjunto de widgets totalmente personalizables para crear inte  
rfaces nativas en cuestión de minutos.'))  
    ],  
)
```

Column

<https://api.flutter.dev/flutter/widgets/Column-class.html>

/lib/main.dart

```
Column(  
  children: <Widget>[  
    Text(  
      'Trae tu aplicación a la vida en cuestión de milisegundos con Hot R  
eload.'),  
    Expanded(  
      child: FittedBox(  
        fit: BoxFit.contain, // otherwise the logo will be tiny  
        child: const FlutterLogo(),  
      ),  
    ),  
    Text(  
      'Monta rápidamente funcionalidades con el foco en la experiencia de  
usuario nativa.'),  
  ],  
)
```

/lib/main.dart

```
Column(  
  crossAxisAlignment: CrossAxisAlignment.start,  
  mainAxisAlignment: MainAxisAlignment.min,  
  children: <Widget>[  
    Text('Desarrollo rápido'),  
    Text('Estado previo se combina con nuevo código'),  
    Text('Cambio del código reciente se incluye pero el estado de la app se  
excluye'),  
    Text('Cambio reciente de la UI es excluido'),  
    Text('La funcionalidad hot reload de Flutter te ayuda a rápida y fácilm  
ente experimentar'),  
    Text('Ejecuta la app desde un editor Flutter soportado o desde una vent  
ana de terminal.'),  
  ],  
)
```

Image

<https://api.flutter.dev/flutter/widgets/Image-class.html>

/lib/main.dart

```
const Image(  
  image: NetworkImage('https://flutter.github.io/assets-for-api-  
docs/assets/widgets/owl.jpg'),  
)
```

Text

<https://api.flutter.dev/flutter/widgets/Text-class.html>

/lib/main.dart

```
const Text.rich(  
  TextSpan(  
    text: 'Hola', // default text style  
    children: <TextSpan>[  
      TextSpan(text: ' Saludos ', style: TextStyle(fontStyle: FontStyle.italic)),  
      TextSpan(text: 'Flutter', style: TextStyle(fontWeight: FontWeight.bold)),  
    ],  
  ),  
)
```

Icon

<https://api.flutter.dev/flutter/widgets/Icon-class.html>

/lib/main.dart

```
Row(  
  mainAxisAlignment: MainAxisAlignment.spaceAround,  
  children: const <Widget>[  
    Icon(  
      Icons.favorite,  
      color: Colors.pink,  
      size: 24.0,  
      semanticLabel: 'Texto',  
    ),  
    Icon(  
      Icons.audiotrack,  
      color: Colors.green,  
      size: 30.0,  
    ),  
    Icon(  
      Icons.beach_access,  
      color: Colors.blue,  
      size: 36.0,  
    ),  
  ],  
)
```

RaisedButton

<https://api.flutter.dev/flutter/material/RaisedButton-class.html>

/lib/main.dart

```
Center(
  child: Column(
    mainAxisAlignment: MainAxisAlignment.min,
    children: <Widget>[
      const RaisedButton(
        onPressed: null,
        child: Text(
          'Disabled Button',
          style: TextStyle(fontSize: 20)
        ),
      ),
      const SizedBox(height: 30),
      RaisedButton(
        onPressed: () {},
        child: const Text(
          'Enabled Button',
          style: TextStyle(fontSize: 20)
        ),
      ),
      const SizedBox(height: 30),
      RaisedButton(
        onPressed: () {},
        textColor: Colors.white,
        padding: const EdgeInsets.all(0.0),
        child: Container(
          decoration: const BoxDecoration(
            gradient: LinearGradient(
              colors: <Color>[
                Color(0xFF0D47A1),
                Color(0xFF1976D2),
                Color(0xFF42A5F5),
              ],
            ),
          ),
          padding: const EdgeInsets.all(10.0),
          child: const Text(
            'Gradient Button',
            style: TextStyle(fontSize: 20)
          ),
        ),
      ),
    ],
  ),
)
```

Scaffold

<https://api.flutter.dev/flutter/material/Scaffold-class.html>

/lib/main.dart

```
Center(  
  child: Text('Boton Flotante')  
)  
floatingActionButton: FloatingActionButton(  
  tooltip: 'Increment Counter',  
  child: const Icon(Icons.add),  
)  
floatingActionButtonLocation: FloatingActionButtonLocation.centerDocked,
```