

# Widgets Layout

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

/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:
          Center(
            child: Text('Hola mundo'),
          ),
        ),
      );
  }
}
```

# Container

/lib/main.dart

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

# Padding

/lib/main.dart

```
Padding(  
padding: EdgeInsets.all(10.0),  
child: const Card(child: Text('Hola mundo !')),  
)
```

# Align

/lib/main.dart

```
Center(  
  child: Container(  
    height: 120.0,  
    width: 120.0,  
    color: Colors.blue[50],  
    child: Align(  
      alignment: Alignment.topRight,  
      child: FlutterLogo(  
        size: 60,  
      ),  
    ),  
  ),  
)
```

# SizeBox

/lib/main.dart

```
SizedBox(  
width: 200.0,  
height: 300.0,  
child: const Card(child: Text('Hello World!')),  
)
```

# Stack

/lib/main.dart

```
Center(  
  child: Stack(  
    children: <Widget>[  
      Container(  
        width: 100,  
        height: 100,  
        color: Colors.red,  
      ),  
      Container(  
        width: 90,  
        height: 90,  
        color: Colors.green,  
      ),  
      Container(  
        width: 80,  
        height: 80,  
        color: Colors.blue,  
      ),  
    ],  
  ),  
)
```

# GridView

```
GridView.count(  
  primary: false,  
  padding: const EdgeInsets.all(20),  
  crossAxisSpacing: 10,  
  mainAxisSpacing: 10,  
  crossAxisCount: 2,  
  children: <Widget>[  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text('Desde el corazón de la comunidad FlutterES'),  
      color: Colors.teal[100],  
    ),  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text(  
        'Flutter es el kit de herramientas de UI de Google para realiz  
ar hermosas aplicaciones, compiladas nativamente, para móvil, web y escritorio des  
de una única base de código.'),  
      color: Colors.teal[200],  
    ),  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text(  
        'Los widgets de Flutter incorporan todas las diferencias críti  
cas entre plataformas'),  
      color: Colors.teal[300],  
    ),  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text(  
        'El hot reload de Flutter te ayuda a rápida y fácilmente exper  
imentar, construir UIs, añadir funcionalidades, y corregir bugs más rápido.'),  
      color: Colors.teal[400],  
    ),  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text(  
        'Utilice un completo conjunto de widgets totalmente personaliz  
ables para crear interfaces nativas en cuestión de minutos.'),  
      color: Colors.teal[500],  
    ),  
    Container(  
      padding: const EdgeInsets.all(8),  
      child: const Text(  
        'rae tu aplicación a la vida en cuestión de milisegundos con H
```

```
ot Reload.'),
      color: Colors.teal[600],
    ),
  ],
)
```

## Table

/lib/main.dart

```
Padding(
  padding: EdgeInsets.all(10.0),
  child: Table(children: [
    TableRow(children: [
      Text("item 1"),
      Text("item 2"),
      Text("item 3"),
    ]),
    TableRow(children: [
      Text("item 4"),
      Text("item 5"),
      Text("item 6"),
    ]),
  ]),
)
```

# Wrap

/lib/main.dart

```
Wrap(  
  spacing: 8.0, // gap between adjacent chips  
  runSpacing: 4.0, // gap between lines  
  children: <Widget>[  
    Chip(  
      avatar: CircleAvatar(  
        backgroundColor: Colors.blue.shade900, child: Text('ND')),  
      label: Text('NodeJs'),  
    ),  
    Chip(  
      avatar: CircleAvatar(  
        backgroundColor: Colors.blue.shade900, child: Text('NG')),  
      label: Text('Angular'),  
    ),  
    Chip(  
      avatar: CircleAvatar(  
        backgroundColor: Colors.blue.shade900, child: Text('RE')),  
      label: Text('ReactJs'),  
    ),  
    Chip(  
      avatar: CircleAvatar(  
        backgroundColor: Colors.blue.shade900, child: Text('FL')),  
      label: Text('Flutter'),  
    ),  
  ],  
)
```

# Expanded

/lib/main.dart

```
Center(  
  child: Column(  
    children: <Widget>[  
      Container(  
        color: Colors.blue,  
        height: 100,  
        width: 100,  
      ),  
      Expanded(  
        child: Container(  
          color: Colors.amber,  
          width: 100,  
        ),  
      ),  
      Container(  
        color: Colors.blue,  
        height: 100,  
        width: 100,  
      ),  
    ],  
  ),  
)
```

/lib/main.dart

```
Center(  
  child: Row(  
    children: <Widget>[  
      Expanded(  
        flex: 2,  
        child: Container(  
          color: Colors.amber,  
          height: 100,  
        ),  
      ),  
      Container(  
        color: Colors.blue,  
        height: 100,  
        width: 50,  
      ),  
      Expanded(  
        flex: 1,  
        child: Container(  
          color: Colors.amber,  
          height: 100,  
        ),  
      ),  
    ],  
  ),  
)
```