# GridView

# Android Estudio V3.0.17/Flutter

Objetivo:

F.Creación: 7-4-2018

Programa:

Fuente: [GridView](https://flutter.io/tutorials/layout/#gridview)

**void** main() {  
 *//debugPaintSizeEnabled = true;* runApp(**new** MyApp());  
}  
  
**class** MyApp **extends** StatelessWidget {  
 @override  
 Widget build(BuildContext context) {  
 **return new** MaterialApp(  
 title: **'Flutter Demo'**,  
 theme: **new** ThemeData(  
 primarySwatch: Colors.*blue*,  
 ),  
 home: **new** MyHomePage(title: **'Flutter Demo Home Page'**),  
 );  
 }  
}  
  
**class** MyHomePage **extends** StatefulWidget {  
 MyHomePage({Key key, **this**.**title**}) : **super**(key: key);  
  
 **final** String **title**;  
  
 @override  
 \_MyHomePageState createState() => **new** \_MyHomePageState();  
}  
  
*// The images are saved with names pic1.jpg, pic2.jpg...pic30.jpg.  
// The List.generate constructor allows an easy way to create  
// a list when objects have a predictable naming pattern.*List<Container> \_buildGridTileList() {  
 List<Container> containers = [  
 **new** Container(child: **new** Image.asset(**"imagenes/pic1.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pic2.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pic3.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pic4.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/bolitasdecarne.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/copete.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/cuete.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/dios.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/Lucia01.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pavlova.jpg"**)),  
  
 **new** Container(child: **new** Image.asset(**"imagenes/pic2.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pic3.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pic4.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/bolitasdecarne.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/copete.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/cuete.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/dios.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/Lucia01.jpg"**)),  
 **new** Container(child: **new** Image.asset(**"imagenes/pavlova.jpg"**)),  
  
  
 **new** Container(child: **new** Image.asset(**"imagenes/salchichas.jpg"**))];  
 **return** containers;  
}  
  
Widget buildGrid() {  
 **return new** GridView.extent(  
 maxCrossAxisExtent: 150.0,  
 padding: **const** EdgeInsets.all(4.0),  
 mainAxisSpacing: 4.0,  
 crossAxisSpacing: 4.0,  
 children: \_buildGridTileList());  
}  
  
**class** \_MyHomePageState **extends** State<MyHomePage> {  
 @override  
 Widget build(BuildContext context) {  
 **return new** Scaffold(  
 appBar: **new** AppBar(  
 title: **new** Text(**widget**.**title**),  
 ),  
 body: **new** Center(  
 child: buildGrid(),  
 ),  
 );  
 }

La forma original de cargar las imágenes era más dinámica

List<Container> \_buildGridTileList(int count) {

return new List<Container>.generate(

count,

(int index) =>

new Container(child: new Image.asset('images/pic${index+1}.jpg')));

}

maxCrossAxisExtent🡪 da el tamaño del cuadrado

mainAxisSpacing🡪 da el espacio entre las fotos(vertical)

crossAxisSpacing->da el espacio entre las fotos horizontal