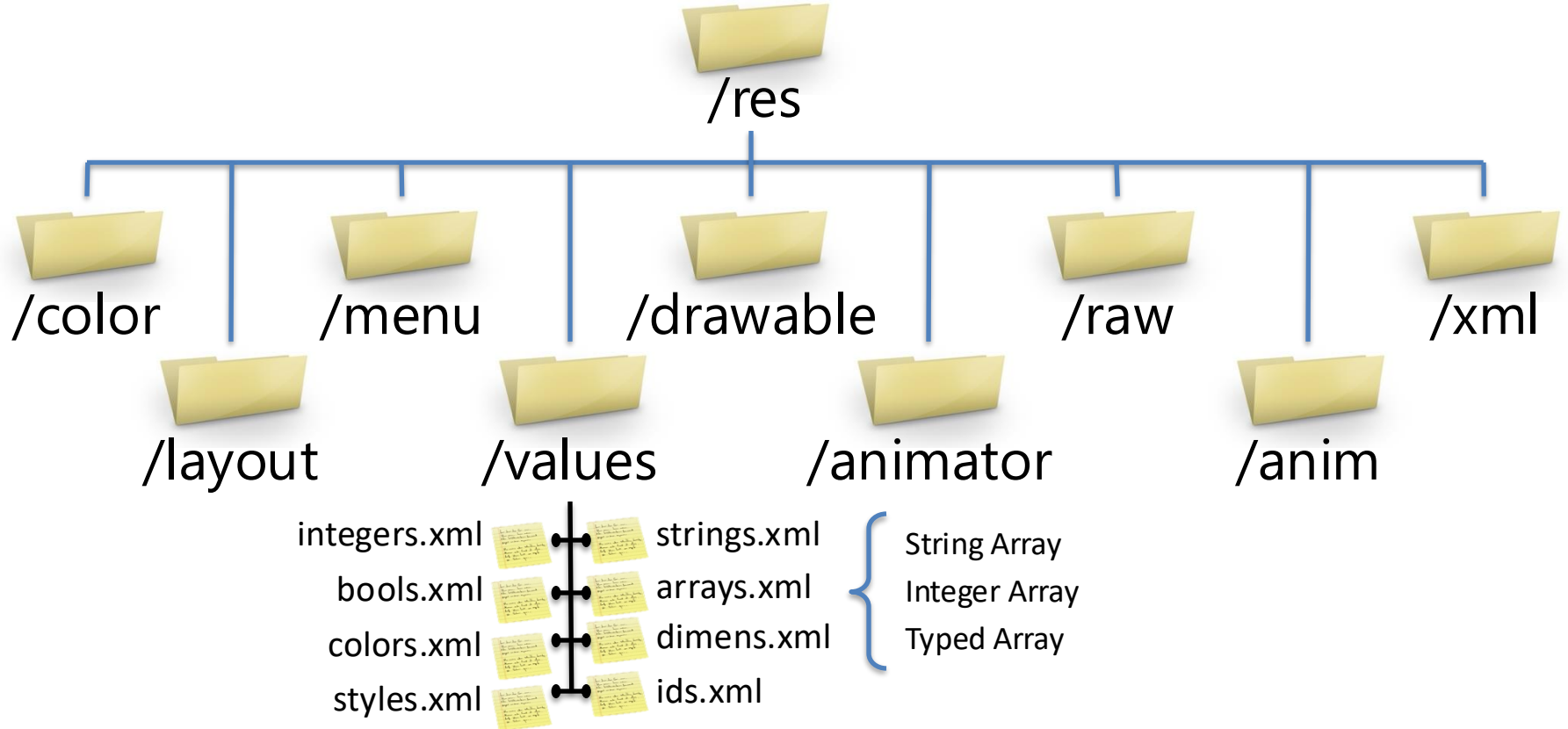


Resources



resources

Drawables

Drawable

/res/drawable/identificador.*

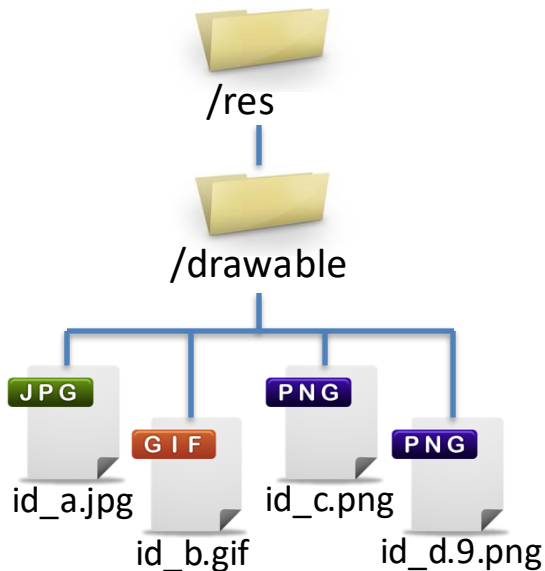
Bitmap

Referencia desde otro recurso: `@drawable/identificador`

Referencia desde código: `R.drawable.identificador`

Obtención del valor desde código (views):

`Drawable Context.getResources().getDrawable(R.drawable.identificador)`



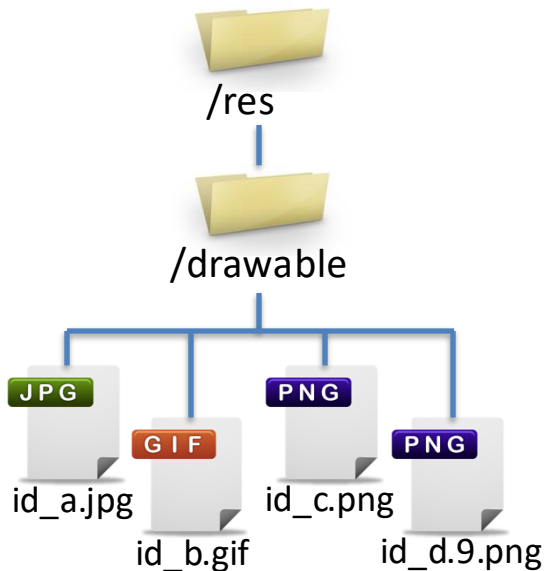
Drawable

/res/drawable/identificador.*

Obtención desde código (Compose):

```
@Composable
fun mostrarImagen()
{
    // Se carga el recurso drawable mediante su ID
    val imagePainter = painterResource(id = R.drawable.identificador)

    // Se utiliza en el composable Image para mostrar la imagen
    Image( painter = imagePainter,
           contentDescription = "Descripción de la imagen",
           modifier = ....
         )
}
```



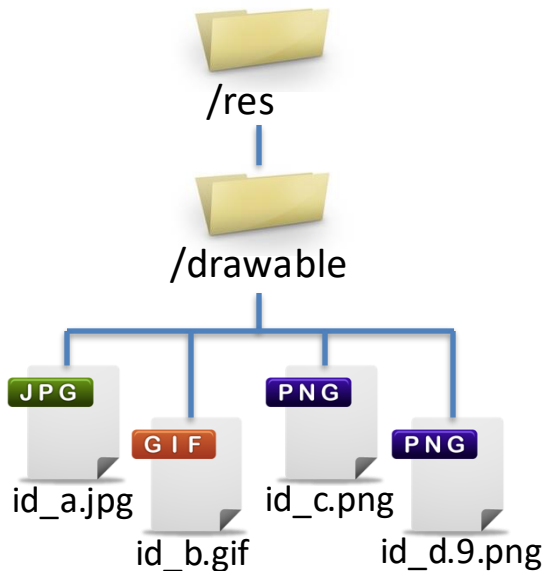
Drawable

/res/drawable/identificador.*

Obtención desde código (Compose):

```
@Composable
fun TextConDrawableBackground2(texto: String, drawableResId: Int)
{
    val imagen = painterResource(id = drawableResId)

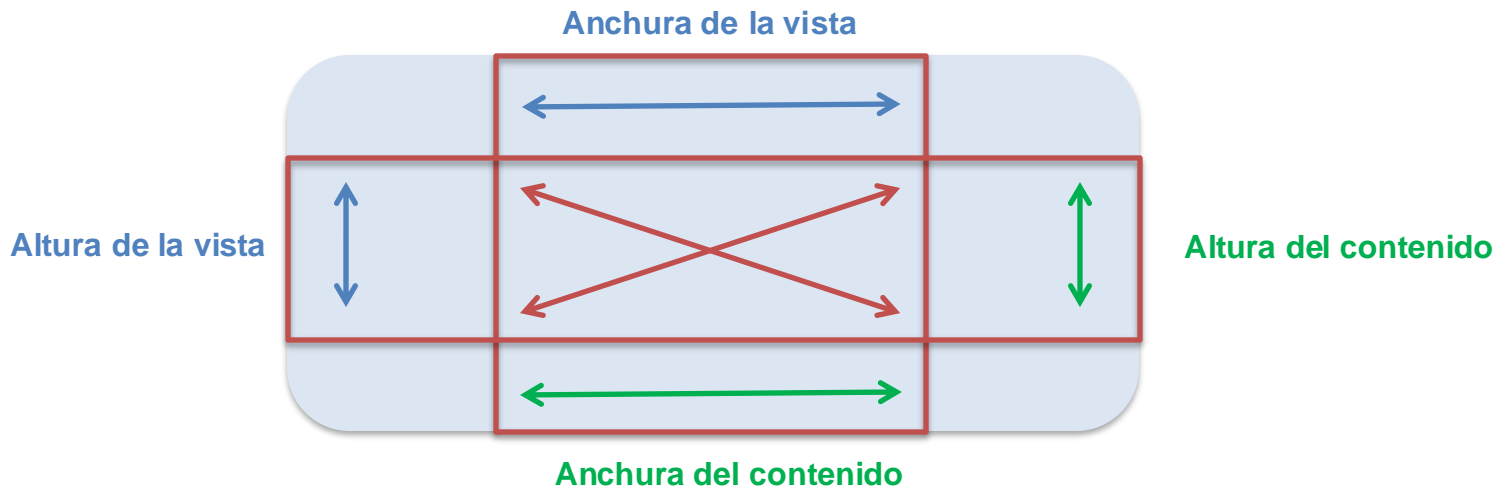
    Text(text = texto,
        modifier = Modifier.padding(16.dp)
            .background(painter = imagen)
            .fillWrapContent()
    )
}
```



Drawable `/res/drawable/identificador.*`

Bitmap - NinePatch

Son imágenes png que tienen 9 partes (4 fijas y 5 "elásticas") lo que permite redimensionar la imagen sin distorsión. Se puede crear un 9.png a partir de cualquier png utilizando la herramienta: `<android-sdk>/tools/draw9patch`



Drawable

/res/drawable/identificador.*

StateList

Ejemplo:

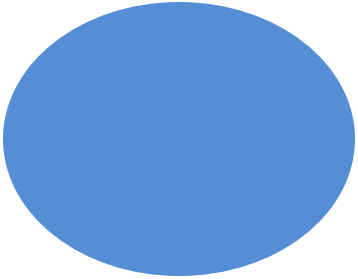
```
<?xml version="1.0" encoding="UTF-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@drawable/identificador"
        [android:state_focused="true | false"]
        [android:state_selected="true | false"]
        [android:state_checkable="true | false"]
        [android:state_checked="true | false"]
        [android:state_checked="true | false"]
        [android:state_expanded="true | false"]
        [android:state_window_focused="true | false"]
        [android:state_activated="true | false"] />
    ...
</selector>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<selector xmlns:android="http://schemas.android.com/apk/res/android">
    <item android:drawable="@drawable/checked"
        android:checked="true"/>
    <item android:drawable="@drawable/unchecked"
        android:checked="false"/>
</selector>
```

Drawable

/res/drawable/identificador.*

Shape



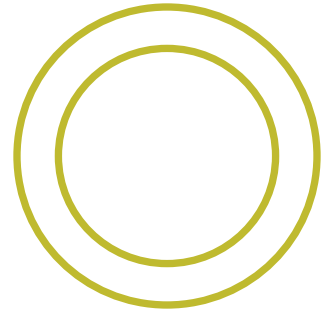
oval



rectangle



line



ring

Drawable

/res/drawable/identificador.*

Shape

```
<?xml version="1.0" encoding="UTF-8"?>
<shape
  xmlns:android="http://schemas.android.com/apk/res/android"
  android:shape="oval | rectangle | line | ring">

  <size android:width="oval-rectangle-width value"
    android:height="oval-rectangle-height value"/>

  <padding android:left="oval-left-padding value"
    android:top="oval-left-padding value"
    android:right="oval-left-padding value"
    android:bottom="oval-left-padding value">

  <solid android:color="oval-rectangle-ring-color value"/>

  <stroke android:width="stroke-width value"
    android:color="stroke-color value"
    android:dashWidth="dash-width value"
    android:dashGap="dash-gap value"/>
```

Drawable

/res/drawable/identificador.*

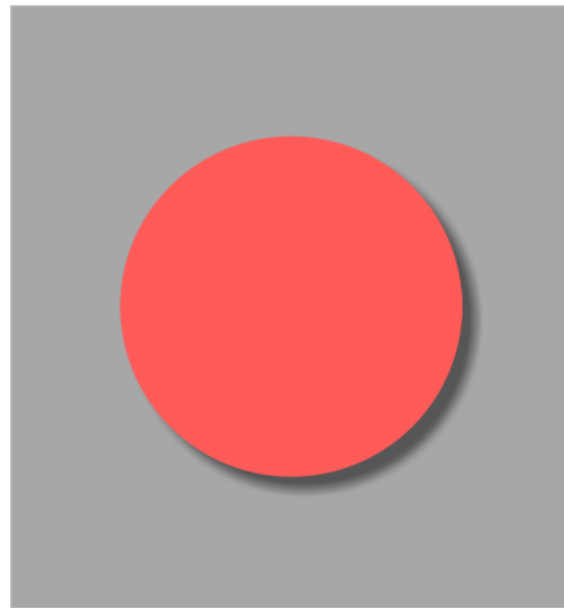
Shape - oval

```
<?xml version="1.0" encoding="UTF-8"?>
<shape
xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="oval">

    <size android:width="100dp"
        android:height="100dp"/>

    <solid android:color="@android:color/holo_red_light"/>

</shape>
```



Drawable

/res/drawable/identificador.*

Shape - oval

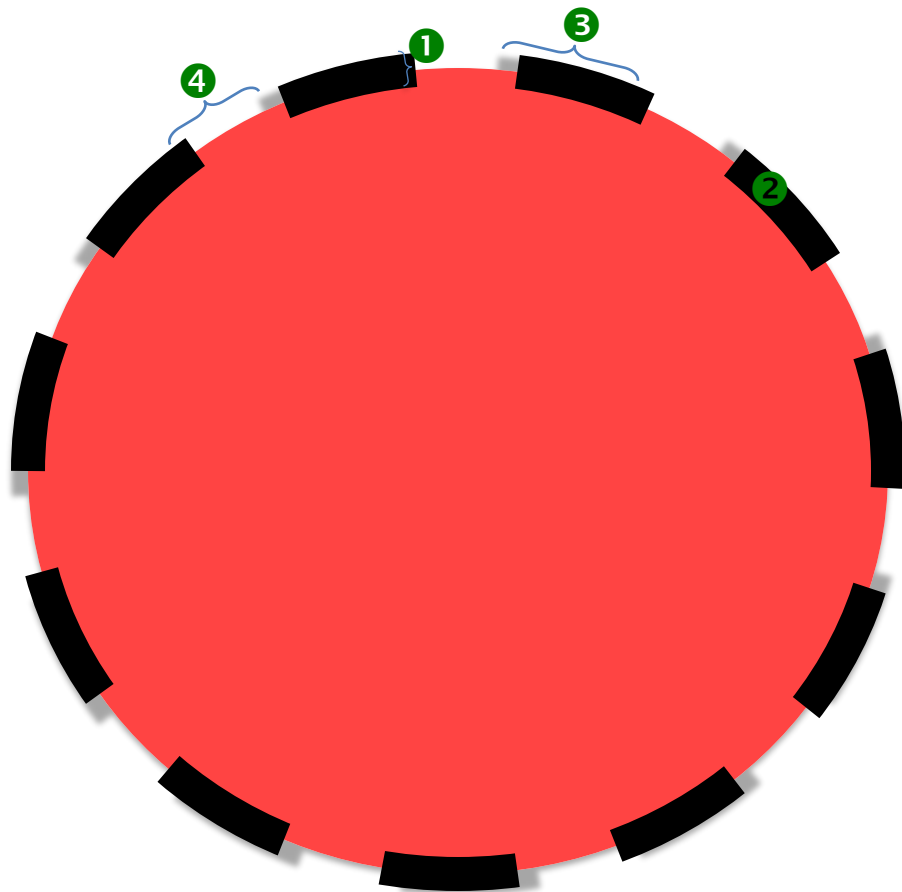
```
<?xml version="1.0" encoding="UTF-8"?>
<shape
  xmlns:android="http://schemas.android.com/apk/res/android"
  android:shape="oval">

  <size android:width="100dp"
    android:height="100dp"/>

  <solid android:color="@android:color/holo_red_light"/>

  <stroke android:width="3dp"
    android:color="@android:color/black"
    android:strokeWidth="9dp"
    android:strokeDash="5dp"/>

</shape>
```



Drawable

/res/drawable/identificador.*

Shape - oval

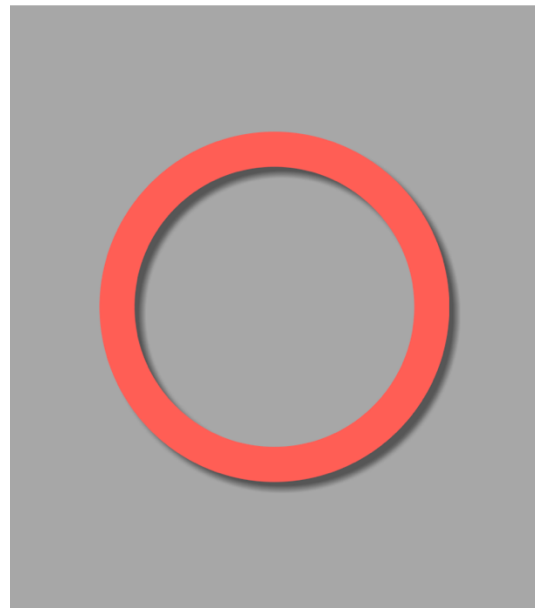
```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
      android:shape="oval">

  <size android:width="100dp"
        android:height="100dp"/>

  <solid android:color="@android:color/transparent"/>

  <stroke android:width="30dp"
        android:color="@android:color/holo_red_light"/>

</shape>
```



Drawable

/res/drawable/identificador.*

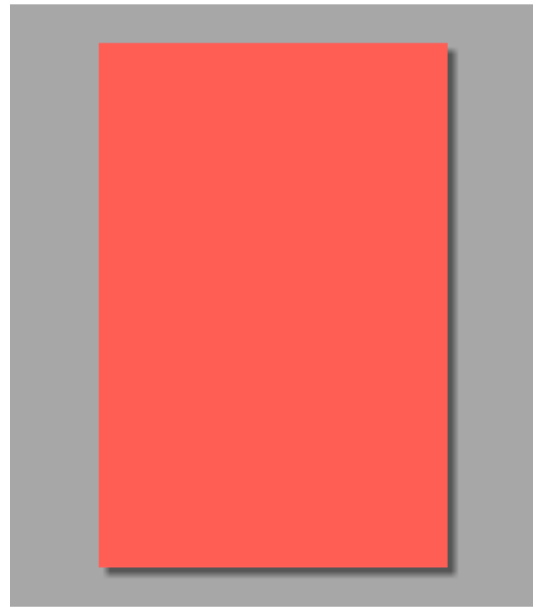
Shape - rectangle

```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="rectangle">

    <size android:width="200dp"
        android:height="300dp"/>

    <solid android:color="@android:color/holo_red_light"/>

</shape>
```



Drawable

/res/drawable/identificador.*

Shape - rectangle

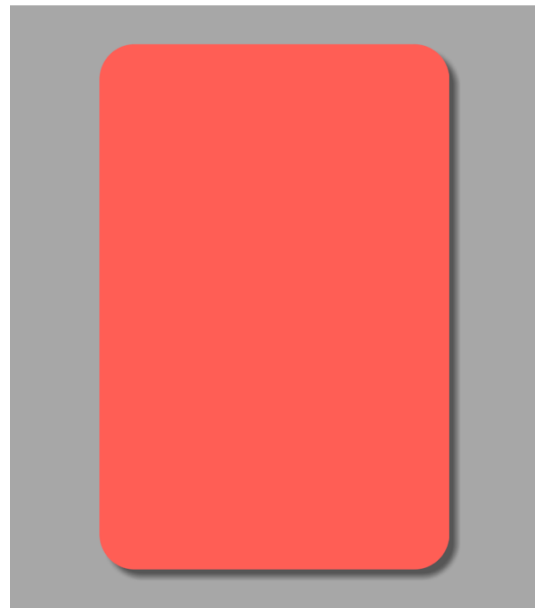
```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
      android:shape="rectangle">

  <size android:width="200dp"
        android:height="300dp"/>

  <solid android:color="@android:color/holo_red_light"/>

  <corners android:radius="40dp"/>

</shape>
```



Drawable

/res/drawable/identificador.*

Shape - rectangle

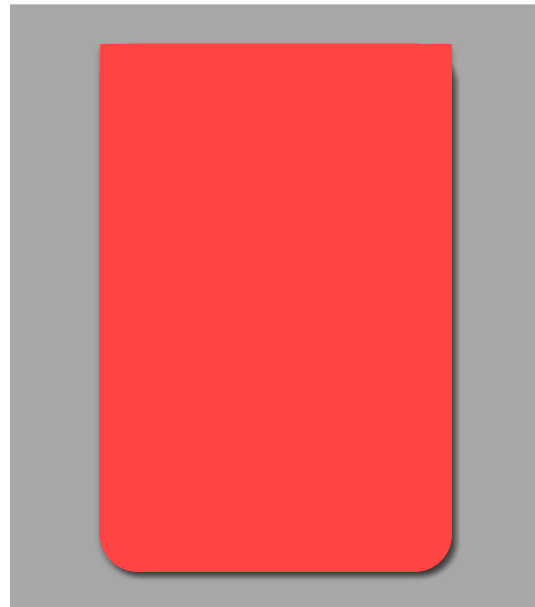
```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
      android:shape="rectangle">

  <size android:width="200dp"
        android:height="300dp"/>

  <solid android:color="@android:color/holo_red_light"/>

  <corners android:topLeftRadius="0dp"
           android:topRightRadius="0dp"
           android:bottomRightRadius="5dp"
           android:bottomLeftRadius="5dp"/>

</shape>
```



Drawable

/res/drawable/identificador.*

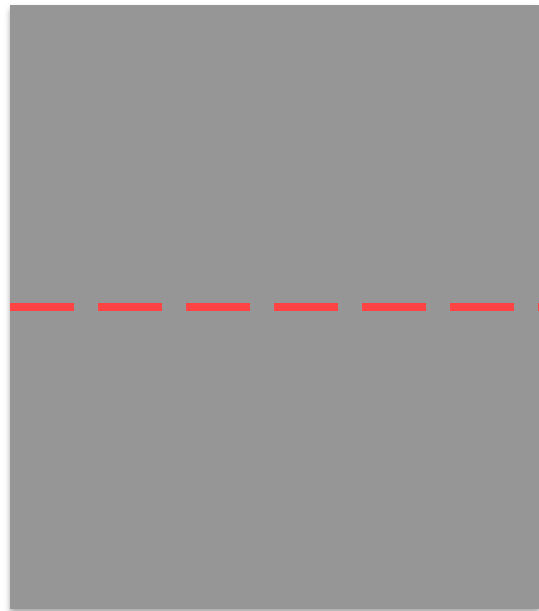
Shape - line

```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="line">

    <stroke android:width="3dp"
        android:color="@android:color/holo_red_light"
        android:dashWidth="15dp"
        android:dashGap="6dp"/>

</shape>
```

Línea horizontal cuya longitud la establece la vista que contiene esta imagen



Drawable

/res/drawable/identificador.*

Shape - ring

```
<?xml version="1.0" encoding="UTF-8"?>
<shape xmlns:android="http://schemas.android.com/apk/res/android"
    android:shape="ring"
    android:innerRadiusRatio="10"
    android:thicknessRatio="4">

    <stroke android:width="5px"
        android:color="@android:color/holo_red_light"/>

</shape>
```

El tamaño del ring es proporcional al tamaño de la vista que lo contiene

