

# Android: Intents

`android.content.Intent`

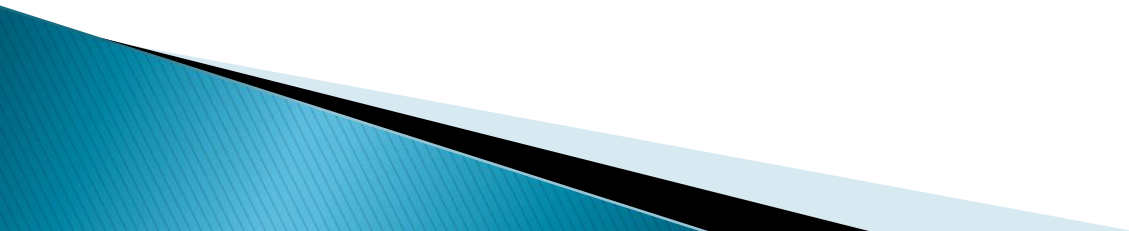
# Intents explícitos

```
Intent i = new Intent(this,Actividad.class);  
startActivity(i);
```

```
private final int IDACTIVIDAD=1;  
Intent i = new Intent(this, Actividad.class);  
startActivityForResult(i, IDACTIVIDAD);
```

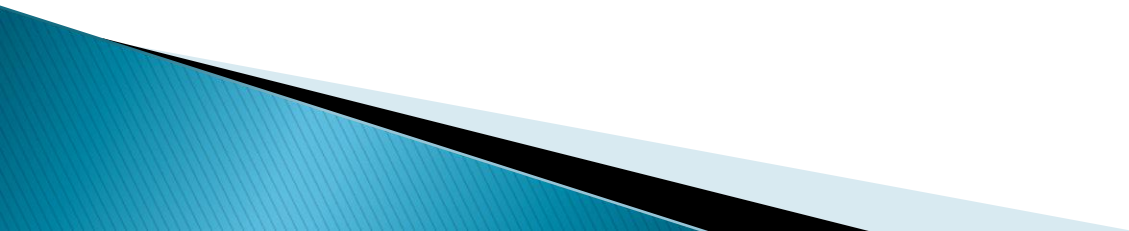
# Intent implícito DIAL

```
Intent i = new Intent(Intent.ACTION_DIAL,  
                      Uri.parse("tel:958123456"));  
startActivity(i);
```



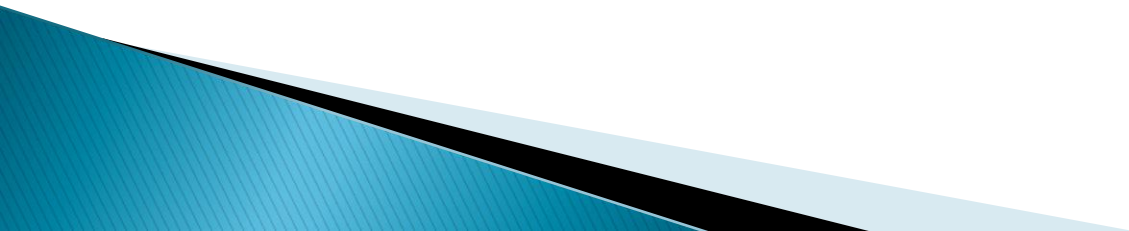
# Intent implícito CALL

```
Intent i = new Intent(Intent.ACTION_CALL,  
                      Uri.parse("tel:958123456"));  
startActivity(i);
```



# Intent implícito: VIEW url

```
Intent i = new Intent(Intent.ACTION_VIEW,  
                      Uri.parse("http://www.google.es/"));  
startActivity(i);
```



# Intent implícito: VIEW coord

```
Intent i = new Intent(Intent.ACTION_VIEW,  
    Uri.parse("geo:37.18862, -3.59077"));  
startActivity(i);
```

# Intent implícito: SEND

```
Intent i = new Intent(Intent.ACTION_SEND);  
i.setType("text/plain");  
i.putExtra(Intent.EXTRA_SUBJECT, "asunto");  
i.putExtra(Intent.EXTRA_TEXT,  
            "texto del correo");  
i.putExtra(Intent.EXTRA_EMAIL, new String[] {  
            "correo@abc.es" });  
startActivity(i);
```

# Intent implícito: IMAGE\_CAPTURE

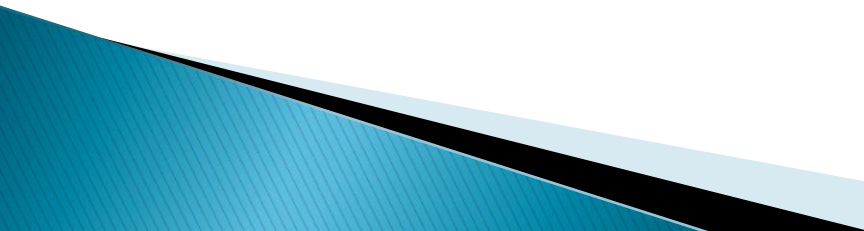
```
Intent i = new Intent  
    ("android.media.action.IMAGE_CAPTURE");  
startActivityForResult(i, IDACTIVIDAD);
```



# Resultado de IMAGE\_CAPTURE

@Override

```
public void onActivityResult(int pet, int res, Intent data) {  
    if (res == RESULT_OK && pet == IDACTIVIDAD) {  
        Bitmap foto = (Bitmap)data.getExtras().get("data");  
        FileOutputStream salida;  
        try {  
            salida = new FileOutputStream(getFilesDir()+  
                                         "/foto.jpg");  
            foto.compress(Bitmap.CompressFormat.JPEG, 90,  
                          salida);  
        } catch (FileNotFoundException e) {  
        }  
    }  
}
```



# Actividad receptora de intents

Se puede convertir cualquier actividad en actividad receptora de intents, sólo necesitamos agregar un intent filter en el manifiesto.

```
<intent-filter>
```

```
    <action android:name="android.intent.action.VIEW" />
```

```
    <category android:name="android.intent.category.DEFAULT" />
```

```
    <data android:scheme="http" />
```

```
</intent-filter>
```



# Recibir datos del intent

@Override

```
protected void onCreate(Bundle savedInstanceState) {  
    super.onCreate(savedInstanceState);  
    setContentView(R.layout.actividad);  
    Uri data = getIntent().getData();  
    if(data!=null)  
        String datos = data.toString();  
}
```

# Intents implícitos

- ▶ <http://developer.android.com/guide/components/intents-filters.html>
- ▶ <http://developer.android.com/guide/appendix/g-app-intents.html>