

# Integrando Web Services a nuestra aplicación

## Creación de Cuentas en Instagram

Cuenta Principal: **perritopochito**

<https://www.instagram.com/perritopochito/>

Cuenta Secundaria para probar Sandbox: **gatitowafle**

<https://www.instagram.com/gatitowafle/>

Permisos para sandbox en las cuentas

### Manage Client: Pochito

Client ID	ddd33b096a28453c8faedc0ee5e3e2c6		
Client Secret	663cf66dce7c4a2bb950ff33e5236530	<button>RESET SECRET</button>	
Client Status	Sandbox Mode		

Details

Security

Sandbox

Permissions

Migrations

Users will need to accept the invitation to become sandbox users. You can invite up to 10 users and each user can be invited to 5 apps.

Sandbox Users		
perritopochito	admin	
gatitowafle	accepted	<button>Remove</button>
pantoja5022	pending	<button>Cancel</button>

Type a username and press Enter to invite.

Save Changes

Cancel

# Manage Client: GatitoWafle

**Client ID** f090d1f538194488bce650a4e660454e

**Client Secret** a94f0c2ff41846ac90c34380b6b945b8 [RESET SECRET](#)

**Client Status** Sandbox Mode

[Details](#) [Security](#) **[Sandbox](#)** [Permissions](#) [Migrations](#)

Users will need to accept the invitation to become sandbox users. You can invite up to 10 users and each user can be invited to 5 apps.

## Sandbox Users

gatitowafle	admin	
perritopochito	accepted	<a href="#">Remove</a>

Type a username and press Enter to invite.

[Save Changes](#) [Cancel](#)

## Api Utilizado Instagram

### PASO 1

#### AUTENTICACION

[https://api.instagram.com/oauth/authorize/?client\\_id=ddd33b096a28453c8faedcoe5e3e2c6&redirect\\_uri=https://twitter.com/ross\\_silvia&response\\_type=code&scope=basic+public\\_content+follower\\_list+comments+relationships+likes](https://api.instagram.com/oauth/authorize/?client_id=ddd33b096a28453c8faedcoe5e3e2c6&redirect_uri=https://twitter.com/ross_silvia&response_type=code&scope=basic+public_content+follower_list+comments+relationships+likes)

#### 1.1 INTRODUCIR AL NAVEGADOR

[https://twitter.com/ross\\_silvia?code=3863e2c2001b4ad69b417a782d69fd33](https://twitter.com/ross_silvia?code=3863e2c2001b4ad69b417a782d69fd33)

### PASO 2

#### AUTENTICACION

```
curl -F 'client_id=CLIENT_ID' \  
-F 'client_secret=CLIENT_SECRET' \  
-F 'grant_type=authorization_code' \  
-F 'redirect_uri=AUTHORIZATION_REDIRECT_URI' \  
-F 'code=CODE' \  
https://api.instagram.com/oauth/access\_token
```

```
curl -F 'client_id=ddd33bog6a28453c8faedcoe5e3e2c6' \
-F 'client_secret=663cf66dce7c4a2bb95off33e5236530' \
-F 'grant_type=authorization_code' \
-F 'redirect_uri=https://twitter.com/ross_silvia' \
-F 'code=3863e2c2001b4ad69b417a782d69fd33' \
https://api.instagram.com/oauth/access_token
```

## 2.2 RESPUESTA CONSOLA PARA COMANDO CURL

```
% Total % Received % Xferd Average Speed Time Time Time Current
Dload Upload Total Spent Left Speed
100 1001 100 317 100 684 46 100 0:00:06 0:00:06 --:--:-- 184
{"access_token": "4666694013.ddd33bo.0002d87b46394597b14962016f7c9165",
 "user":
  {"username": "perritopochito", "profile_picture":
    "https://scontent.cdninstagram.com/t51.2885-
19/s150x150/16789977_667028613483781_7077422035776831488_a.jpg",
    "full_name": "Perrito Pochito", "bio": "", "id": "4666694013", "website": ""
  }
}
```

## PASO 3 - BUSCAR PERRITO POCHITO

### GET/users/self

https://api.instagram.com/v1/users/self?access\_token=ACCESS-TOKEN

https://api.instagram.com/v1/users/self?access\_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165

```
{
  "data": {
    "counts": {
      "follows": 1,
      "followed_by": 0,
      "media": 7
    },
    "website": "",
    "username": "perritopochito",
    "bio": "",
    "full_name": "Perrito Pochito",
    "id": "4666694013",
    "profile_picture": "https://scontent.cdninstagram.com/t51.2885-
19/s150x150/16789977_667028613483781_7077422035776831488_a.jpg"
  },
  "meta": {
    "code": 200
  }
}
```

#### **PASO 4 - OBTENER LOS MEDIOS RECIENTES DE PERRITO POCHITO**

-- obtiene las fotos recientes del usuario

**GET/users/user-id/media/recent**

**RESPONSE**

[https://api.instagram.com/v1/users/{user-id}/media/recent/?access\\_token=ACCESS-TOKEN](https://api.instagram.com/v1/users/{user-id}/media/recent/?access_token=ACCESS-TOKEN)

[https://api.instagram.com/v1/users/4666694013/media/recent/?access\\_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165](https://api.instagram.com/v1/users/4666694013/media/recent/?access_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165)

#### **PASO 5 - BUSCAR USUARIO EN MODO SANBOX CON PERMISOS (GATITO WAFLE)**

**GET/users/search**

**RESPONSE**

[https://api.instagram.com/v1/users/search?q=jack&access\\_token=ACCESS-TOKEN](https://api.instagram.com/v1/users/search?q=jack&access_token=ACCESS-TOKEN)

[https://api.instagram.com/v1/users/search?q=gatitowafle&access\\_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165](https://api.instagram.com/v1/users/search?q=gatitowafle&access_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165)

```
{
  "meta": {
    "code": 200
  },
  "data": [
    {
      "full_name": "Gatito Wafle",
      "username": "gatitowafle",
      "profile_picture": "https://scontent-amt2-1.cdninstagram.com/t51.2885-19/11906329_960233084022564_1448528159_a.jpg",
      "website": "",
      "id": "4673917086",
      "bio": ""
    }
  ]
}
```

#### **PASO 6**

**OBTENER LOS MEDIOS RECIENTES DE GATITO WAFLE**

**GET/users/user-id/media/recent**

**RESPONSE**

[https://api.instagram.com/v1/users/{user-id}/media/recent/?access\\_token=ACCESS-TOKEN](https://api.instagram.com/v1/users/{user-id}/media/recent/?access_token=ACCESS-TOKEN)

[https://api.instagram.com/v1/users/4673917086/media/recent/?access\\_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165](https://api.instagram.com/v1/users/4673917086/media/recent/?access_token=4666694013.ddd33bo.0002d87b46394597b14962016f7c9165)

## Código Principal Modificado Para Api Instagram

```
import retrofit2.Call;
import retrofit2.http.GET;

/**
 * Created by Silvia Rossana on 18/02/2017.
 */

public interface EndpointApi {

    @GET(ConstantsRestApi.URL_GET_RECENT_MEDIA_USER)
    Call<MascotaResponse> getRecentMedia();

    @GET(ConstantsRestApi.URL_GET_RECENT_MEDIA_USER_WAFLE)
    Call<MascotaResponse> getRecentMediaWafleSandbox();
}
```

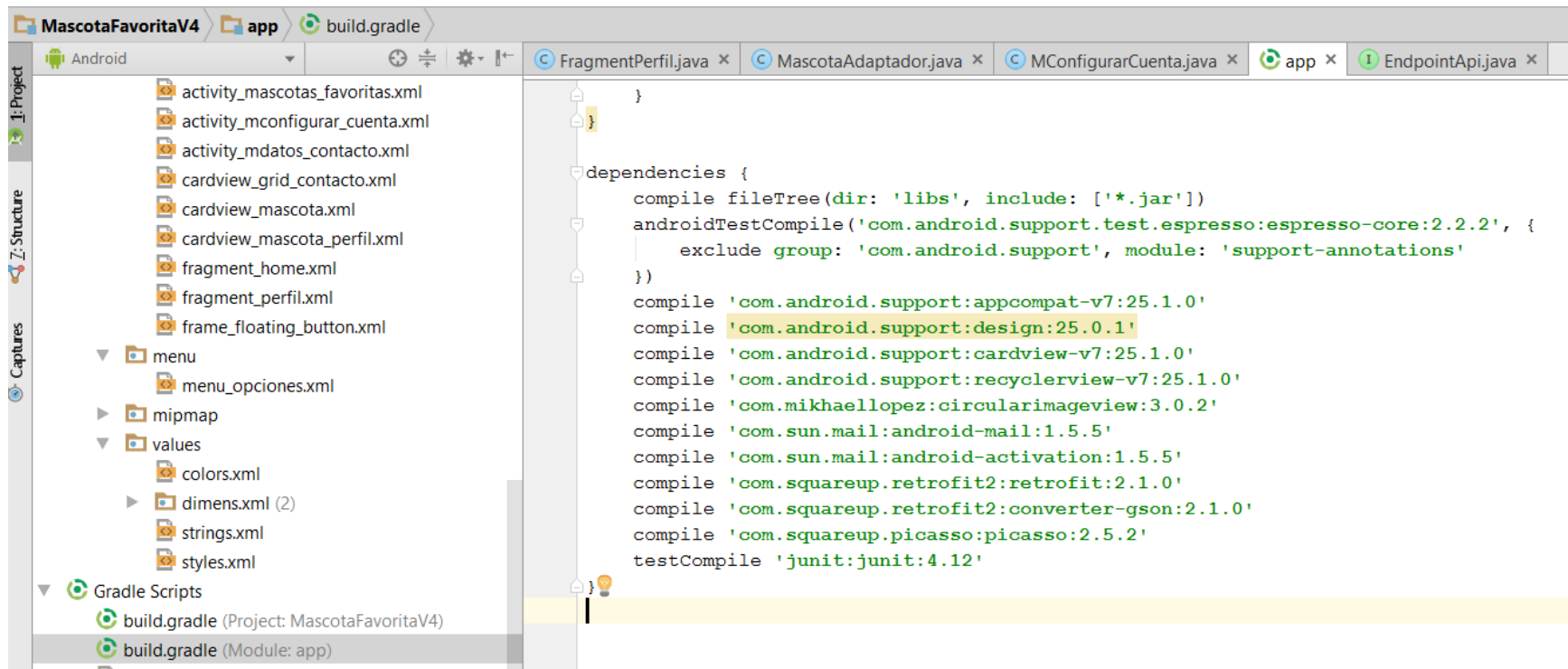
```
public class ConstantesRestApi {

    public static final String VERSION = "/v1/";
    public static final String ROOT_URL = "https://api.instagram.com" + VERSION;
    public static final String ACCESS_TOKEN = "4666694013.ddd33b0.0002d87b46394597b14962016f7c9165";
    public static final String KEY_ACCESS_TOKEN = "?access_token=";
    public static final String KEY_GET_RECENT_MEDIA_USER = "users/4666694013/media/recent/";
    public static final String URL_GET_RECENT_MEDIA_USER = KEY_GET_RECENT_MEDIA_USER + KEY_ACCESS_TOKEN + ACCESS_TOKEN;

    //https://api.instagram.com/v1/users/4617203403/media/recent/?access_token=4617203403.270e1a4.c800eb34430948d5becb09e4f8e46d42
    //INVITADO EN SANDBOX
    public static final String KEY_GET_RECENT_MEDIA_USER_WAFLE = "users/4673917086/media/recent/";
    public static final String URL_GET_RECENT_MEDIA_USER_WAFLE = KEY_GET_RECENT_MEDIA_USER_WAFLE + KEY_ACCESS_TOKEN + ACCESS_TOKEN;

}
```

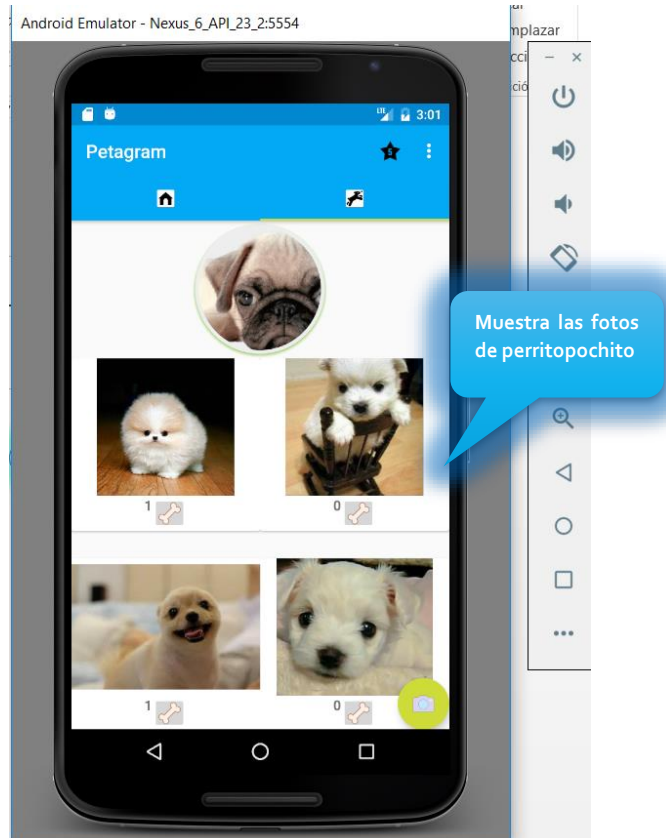
## Librería retrofit implementada



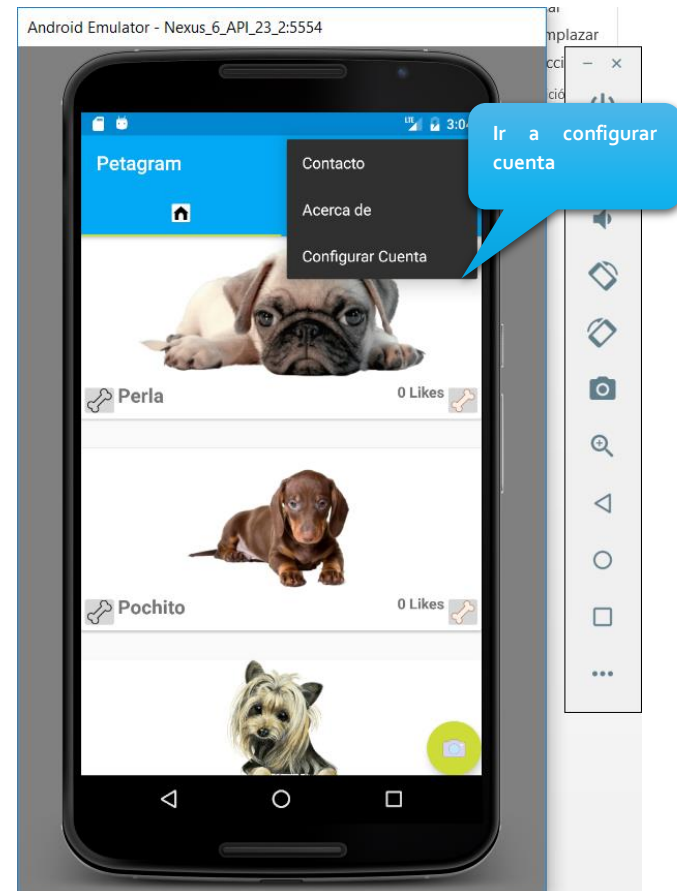
**IMÁGENES APLICACIÓN INTEGRANDO WEB SERVICES**

## PÁGINA PRINCIPAL FRAGMENT PERFIL

<https://www.instagram.com/perritopochito/>



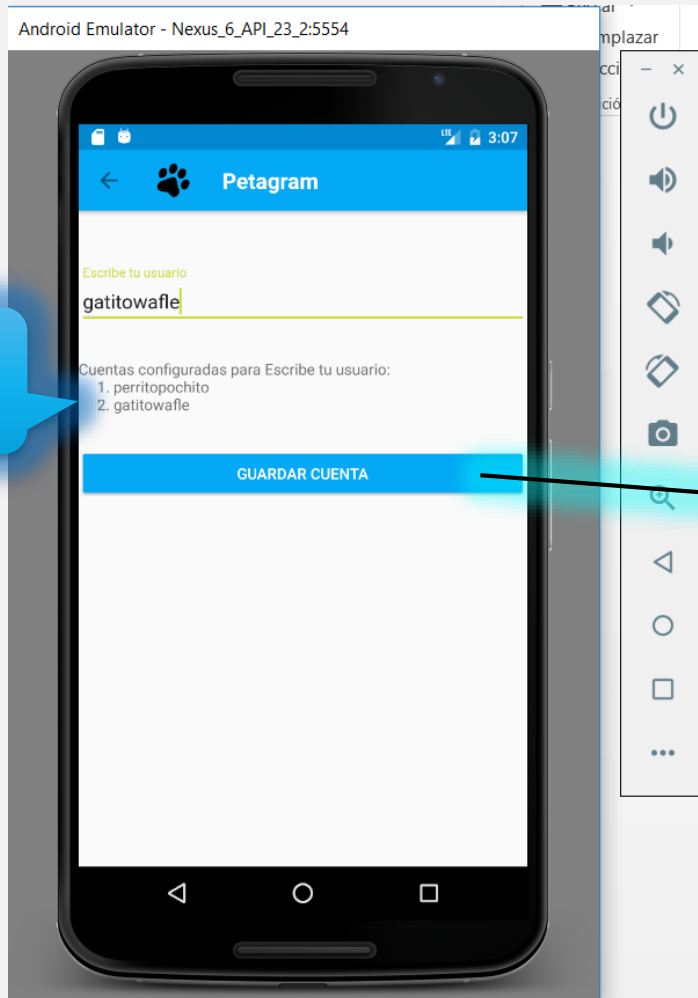
## PÁGINA PRINCIPAL – CONFIGURAR CUENTA



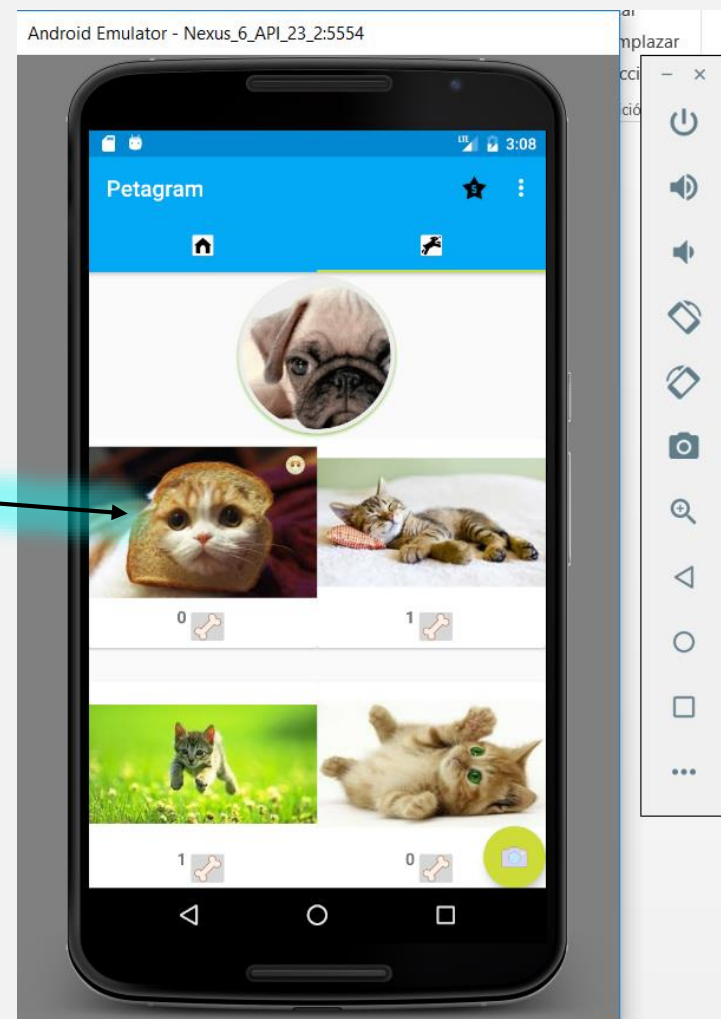
## PÁGINA CONFIGURAR CUENTA

<https://www.instagram.com/gatitowafle/>

A estos nombres de cuentas tiene permisos la aplicación



## CAMBIO DE FOTOS EN INSTAGRAM DE GATITOWAFLE

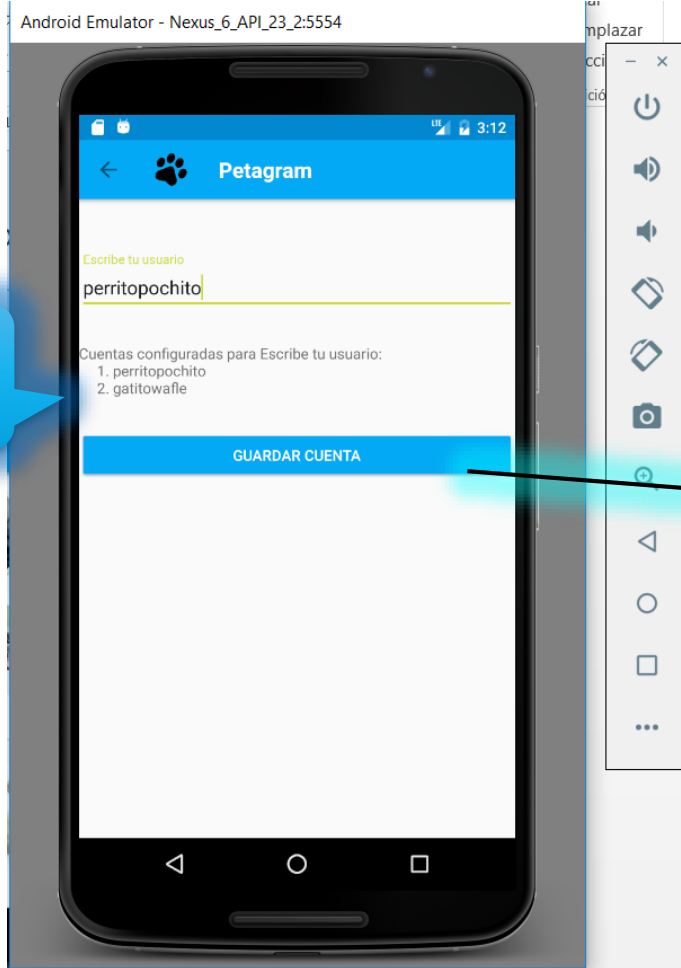




## PÁGINA PRINCIPAL FRAGMENT PERFIL

<https://www.instagram.com/perritopochito/>

A estos nombres de cuentas tiene permisos la aplicación



## CAMBIO DE FOTOS EN INSTAGRAM DE PERRITPOCHITO

