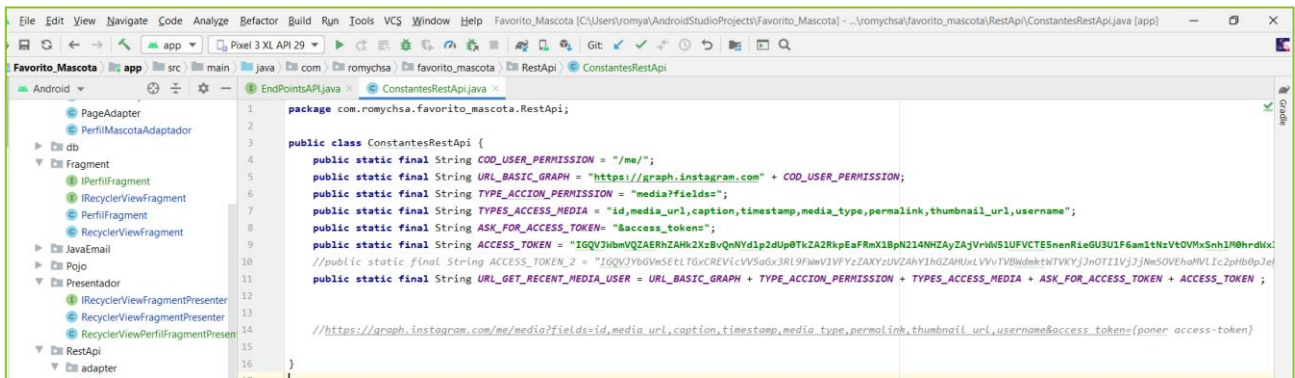


Proyecto instapet

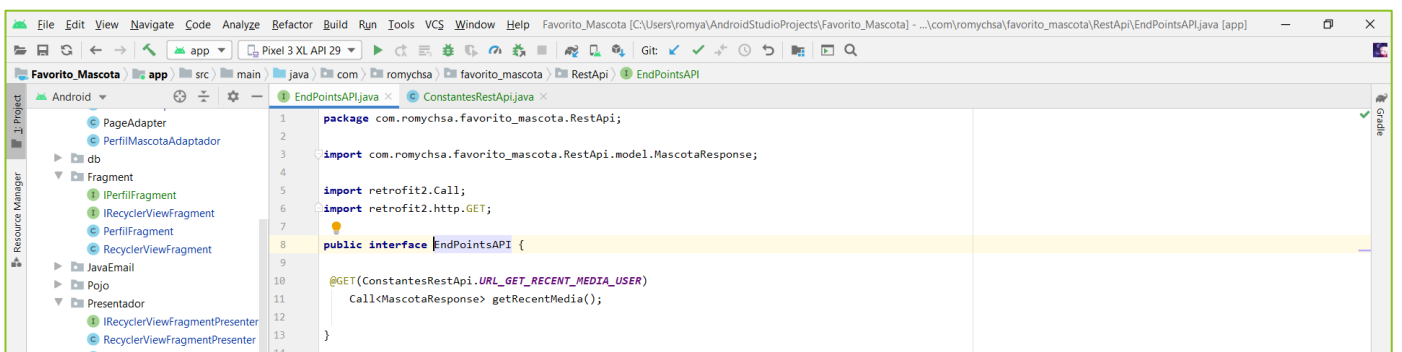


This screenshot shows the Android Studio interface with the `ConstantsRestApi.java` file open. The file is located in the `RestApi` package. It defines several static final strings for API endpoints and permissions. The code is as follows:

```
package com.romychsa.favorito_mascota.RestApi;

public class ConstantesRestApi {
    public static final String COD_USER_PERMISSION = "/me/";
    public static final String URL_BASIC_GRAPH = "https://graph.instagram.com" + COD_USER_PERMISSION;
    public static final String TYPE_ACCION_PERMISSION = "media?fields=";
    public static final String TYPES_ACCESS_MEDIA = "id,media_url,caption,timestamp,media_type,permalink,thumbnail_url,username";
    public static final String ASK_FOR_ACCESS_TOKEN = "access_token=";
    public static final String ACCESS_TOKEN = "IGQVJhbmVQZAErhZAHk2XsBvQnYd1p2dUp0TKZA2RkpEaFRmXlBpN2l4NHZAY2AjVrHMS1UfVCTE5nenRieGU3U1F6am1tNzVtOVhXSnhlM0hrdix";
    //public static final String ACCESS_TOKEN_2 = "IGQVJhbmVQZAErhZAHk2XsBvQnYd1p2dUp0TKZA2RkpEaFRmXlBpN2l4NHZAY2AjVrHMS1UfVCTE5nenRieGU3U1F6am1tNzVtOVhXSnhlM0hrdix";
    public static final String URL_GET_RECENT_MEDIA_USER = URL_BASIC_GRAPH + TYPE_ACCION_PERMISSION + TYPES_ACCESS_MEDIA + ASK_FOR_ACCESS_TOKEN + ACCESS_TOKEN ;

    //https://graph.instagram.com/me/media?fields=id,media_url,caption,timestamp,media_type,permalink,thumbnail_url,username&access_token={poner access-token}
}
```



This screenshot shows the Android Studio interface with the `EndPointsAPI.java` file open. The file is located in the `RestApi` package. It defines an interface `EndPointsAPI` with a method `getRecentMedia()`. The code is as follows:

```
package com.romychsa.favorito_mascota.RestApi;

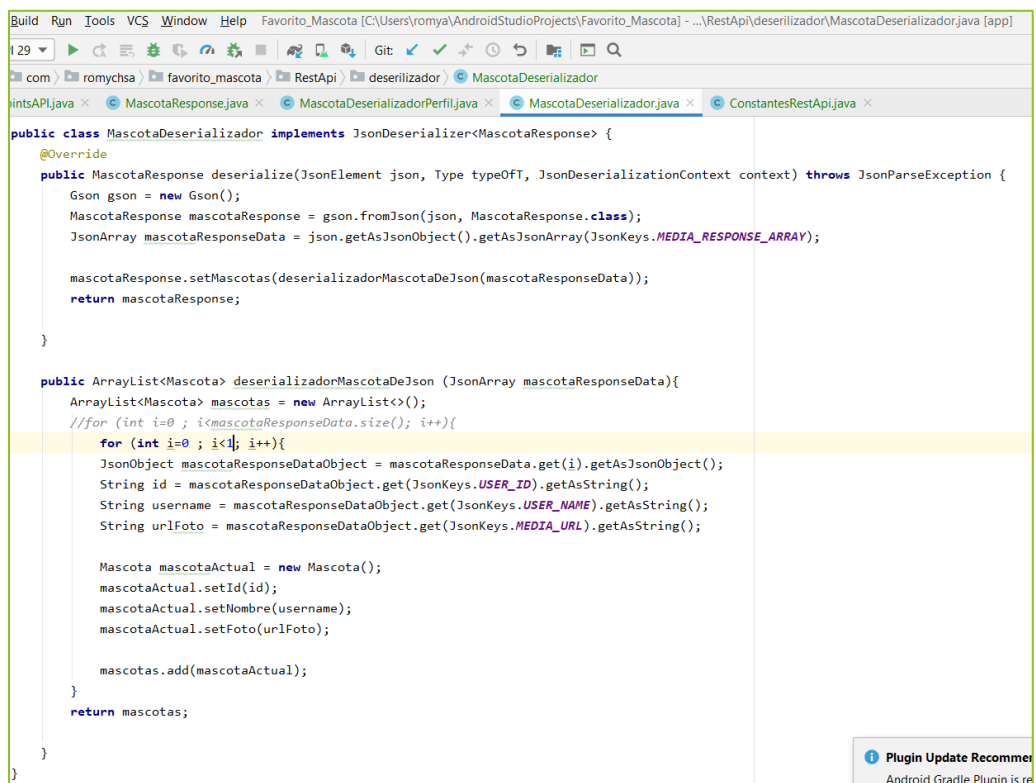
import com.romychsa.favorito_mascota.RestApi.model.MascotaResponse;

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

public interface EndPointsAPI {

    @GET(ConstantesRestApi.URL_GET_RECENT_MEDIA_USER)
    Call<MascotaResponse> getRecentMedia();
}
```

Deserializador para el layout principal



This screenshot shows the Android Studio interface with the `MascotaDeserializador.java` file open. The file is located in the `deserializador` package. It implements the `JsonDeserializer<MascotaResponse>` interface. The code is as follows:

```
public class MascotaDeserializador implements JsonDeserializer<MascotaResponse> {
    @Override
    public MascotaResponse deserialize(JsonElement json, Type typeOfT, JsonDeserializationContext context) throws JsonParseException {
        Gson gson = new Gson();
        MascotaResponse mascotaResponse = gson.fromJson(json, MascotaResponse.class);
        JSONArray mascotaResponseData = json.getAsJsonObject().getAsJsonArray(JsonKeys.MEDIA_RESPONSE_ARRAY);

        mascotaResponse.setMascotas(deserializadorMascotaDeJson(mascotaResponseData));
        return mascotaResponse;
    }

    public ArrayList<Mascota> deserializadorMascotaDeJson (JSONArray mascotaResponseData){
        ArrayList<Mascota> mascotas = new ArrayList<>();
        //for (int i=0 ; i<mascotaResponseData.size(); i++){
        for (int i=0 ; i<i; i++){
            JsonObject mascotaResponseDataObject = mascotaResponseData.get(i).getAsJsonObject();
            String id = mascotaResponseDataObject.get(JsonKeys.USER_ID).getString();
            String username = mascotaResponseDataObject.get(JsonKeys.USER_NAME).getString();
            String urlFoto = mascotaResponseDataObject.get(JsonKeys.MEDIA_URL).getString();

            Mascota mascotaActual = new Mascota();
            mascotaActual.setId(id);
            mascotaActual.setNombre(username);
            mascotaActual.setFoto(urlFoto);

            mascotas.add(mascotaActual);
        }
        return mascotas;
    }
}
```

Deserializador para el perfil del usuario

```
ntsAPI.java x MascotaResponse.java x MascotaDeserializadorPerfil.java x MascotaDeserializador.java x ConstantesRestApi.java x
import java.lang.reflect.Type;
import java.util.ArrayList;

public class MascotaDeserializadorPerfil implements JsonSerializer<MascotaResponse> {

    @Override
    public MascotaResponse deserialize(JsonElement json, Type typeOfT, JsonDeserializationContext context) throws JsonParseException {
        Gson gson = new Gson();
        MascotaResponse mascotaResponse = gson.fromJson(json, MascotaResponse.class);
        JSONArray mascotaResponseData = json.getAsJsonObject().getAsJsonArray(JsonKeys.MEDIA_RESPONSE_ARRAY);

        mascotaResponse.setMascotas(deserializadorMascotaDeJson(mascotaResponseData));
        return mascotaResponse;
    }

    public ArrayList<Mascota> deserializadorMascotaDeJson (JSONArray mascotaResponseData){
        ArrayList<Mascota> mascotas = new ArrayList<>();
        for (int i=0; i<mascotaResponseData.size(); i++){

            JsonObject mascotaResponseDataObject = mascotaResponseData.get(i).getAsJsonObject();
            String id = mascotaResponseDataObject.get(JsonKeys.USER_ID).getAsString();
            String username = mascotaResponseDataObject.get(JsonKeys.USER_NAME).getAsString();
            String urlFoto = mascotaResponseDataObject.get(JsonKeys.MEDIA_URL).getAsString();

            Mascota mascotaActual = new Mascota();
            mascotaActual.setId(id);
            mascotaActual.setNombre(username);
            mascotaActual.setFoto(urlFoto);

            mascotas.add(mascotaActual);
        }
        return mascotas;
    }
}
```

Plugin Update Recommended
Android Gradle Plugin is ready

ResAPIAdapter

```
Build Run Tools VCS Window Help Favorito_Mascota [C:\Users\romya\AndroidStudioProjects\Favorito_Mascota] - ...favorito_mascota\RestA
PI 29
com > romychsa > favorito_mascota > RestApi > adapter > RestApiAdapter
ntsAPI.java x RestApiAdapter.java x RecyclerViewPerfilFragmentPresenter.java x MascotaResponse.java x MascotaDeserial
import com.romychsa.favorito_mascota.RestApi.EndPointsAPI;
import com.romychsa.favorito_mascota.RestApi.deserializador.MascotaDeserializador;
import com.romychsa.favorito_mascota.RestApi.deserializador.MascotaDeserializadorPerfil;
import com.romychsa.favorito_mascota.RestApi.model.MascotaResponse;

import retrofit2.Retrofit;
import retrofit2.converter.gson.GsonConverterFactory;

public class RestApiAdapter {

    public EndPointsAPI establecerConexionRestApiInstagram(Gson gson) {
        Retrofit retrofit = new Retrofit.Builder()
            .baseUrl(ConstantesRestApi.URL_BASIC_GRAPH)
            .addConverterFactory(GsonConverterFactory.create(gson))
            .build();
        return retrofit.create(EndPointsAPI.class);
    }

    public Gson construyeGsonDeserializadorMediaRecent(){
        GsonBuilder gsonBuilder = new GsonBuilder();
        gsonBuilder.registerTypeAdapter(MascotaResponse.class, new MascotaDeserializador());
        return gsonBuilder.create();
    }

    public Gson construyeGsonDeserializadorMediaRecentPerfil(){
        GsonBuilder gsonBuilder = new GsonBuilder();
        gsonBuilder.registerTypeAdapter(MascotaResponse.class, new MascotaDeserializadorPerfil());
        return gsonBuilder.create();
    }
}
```

10:36

My Little Pet



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