package com.tah.a22\_02\_23;

import android.content.Context;

import android.location.Address;

import android.util.Log;

import com.tah.a22\_02\_23.xl.Company;

import org.json.JSONArray;

import org.json.JSONException;

import org.json.JSONObject;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStream;

import java.io.InputStreamReader;

import java.util.ArrayList;

import java.util.List;

public class ReadJSONExample {

// Read the events\_data.json file and convert it to a list of Company objects.

//

public static List<Company> readCompanyJSONFile(Context context) throws IOException, JSONException {

// Read content of events\_data.json

String jsonText = readText(context, R.raw.events\_data);

JSONObject jsonRoot = new JSONObject(jsonText);

JSONArray jsonEventsArray = jsonRoot.getJSONArray("events");

// Print JSON string

for (int i = 0; i < jsonEventsArray.length(); i++) {

Log.d("JSON", jsonEventsArray.toString(i));

}

List<Company> companies = new ArrayList<>();

for (int i = 0; i < jsonEventsArray.length(); i++) {

JSONObject jsonCompany = jsonEventsArray.getJSONObject(i);

long id = jsonCompany.getLong("id");

String title = jsonCompany.getString("title");

String image = jsonCompany.getString("image");

String introduction = jsonCompany.getString("introduction");

String description = jsonCompany.getString("description");

String status = jsonCompany.getString("status");

Company company = new Company();

company.setId(id);

company.setTitle(title);

company.setImage(image);

company.setIntroduction(introduction);

company.setDescription(description);

company.setStatus(status);

companies.add(company);

}

return companies;

}

private static String readText(Context context, int resId) throws IOException {

InputStream is = context.getResources().openRawResource(resId);

BufferedReader br = null;

try {

br = new BufferedReader(new InputStreamReader(is));

StringBuilder sb = new StringBuilder();

String s = null;

while ((s = br.readLine()) != null) {

sb.append(s);

sb.append("\n");

}

return sb.toString();

} finally {

if (br != null) {

br.close();

}

}

}

}