Guardian API:

package com.sample.gurdianAPILab2;

public class GuardianAPIActivity extends AppCompatActivity {

ListView listview;

EditText editTextView;

ArrayList<String> listItems = new ArrayList<String>();

HashMap<String, String> hashMap = new HashMap<String, String>();

final String GuardianAPIKey = "&api-key=04523e6e-9eb1-4c63-9dde-df8f22b9b46a";

String searchQuery = "";

final String APIUrl = "https://content.guardianapis.com/search?q=";

@Override

protected void onCreate(Bundle savedInstanceState) {

super.onCreate(savedInstanceState);

setContentView(R.layout.activity\_guardian);

editedTextView = (EditText)findViewById(R.id.editedTextView);

editedTextView.setOnKeyListener(new View.OnKeyListener() {

public boolean onKey(View v, int keyCode, KeyEvent event) {

if ((event.getAction() == KeyEvent.ACTION\_DOWN) &&

(keyCode == KeyEvent.KEYCODE\_ENTER)) {

Search(editedTextView.getText().toString());

}

return true;

}

});

}

public void SearchFunction(String queryText)

{

//String query = editedTextView.getText().toString();

final String url = APIUrl + searchQuery + GuardianAPIKey;

new AsyncTask() {

@Override

protected Object doInBackground(Object[] params) {

FetchDetails(url);

return null;

}

}.execute();

}

private void Data(ArrayList<String> values)

{

lv = (ListView)findViewById(R.id.list);

ArrayAdapter<String> adapter = new ArrayAdapter<String>(this, R.layout.list\_item, R.id.textview, values);

lv.setAdapter(adapter);

// ListView Item Click Listener

lv.setOnItemClickListener(new AdapterView.OnItemClickListener() {

@Override

public void onItemClick(AdapterView<?> adapterView, View view, int i, long l) {

// ListView Clicked item index

int itemPosition = i;

// ListView Clicked item value

String itemValue = (String) lv.getItemAtPosition(i);

itemValue = hashMap.get(itemValue);

Intent intent = new Intent(getApplicationContext(), WebViewActivity.class);

intent.putExtra("key",itemValue);

startActivity(intent);

}

});

}

public ArrayList<String> FetchDetails(String url)

{

ArrayList<String> outputList = new ArrayList<String>();

final OkHttpClient client=new OkHttpClient();

Request newRequest=new Request.Builder()

.url(url)

.tag("data")

.build();

try

{

Response response=client.newCall(newRequest).execute();

final JSONObject jsonResult;

final String result = response.body().string();

try

{

jsonResult = new JSONObject(result);

JSONObject obj = jsonResult.getJSONObject("response");

JSONArray jsonArray = obj.getJSONArray("results");

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

{

JSONObject jsonObject = jsonArray.getJSONObject(i);

String webTitle = jsonObject.getString("webTitle");

String webUrl = jsonObject.getString("webUrl");

listItems.add(webTitle);

hashMap.put(webTitle,webUrl);

}

runOnUiThread(new Runnable() {

@Override

public void run()

{

OkHttpUtils.cancelCallWithTag(client, "tag");

Data(listItems);

}});

}

catch (JSONException ex)

{

ex.printStackTrace();

}

}

catch (IOException e)

{

e.printStackTrace();

Log.d("Http3","ran into exception: "+e.getMessage());

}

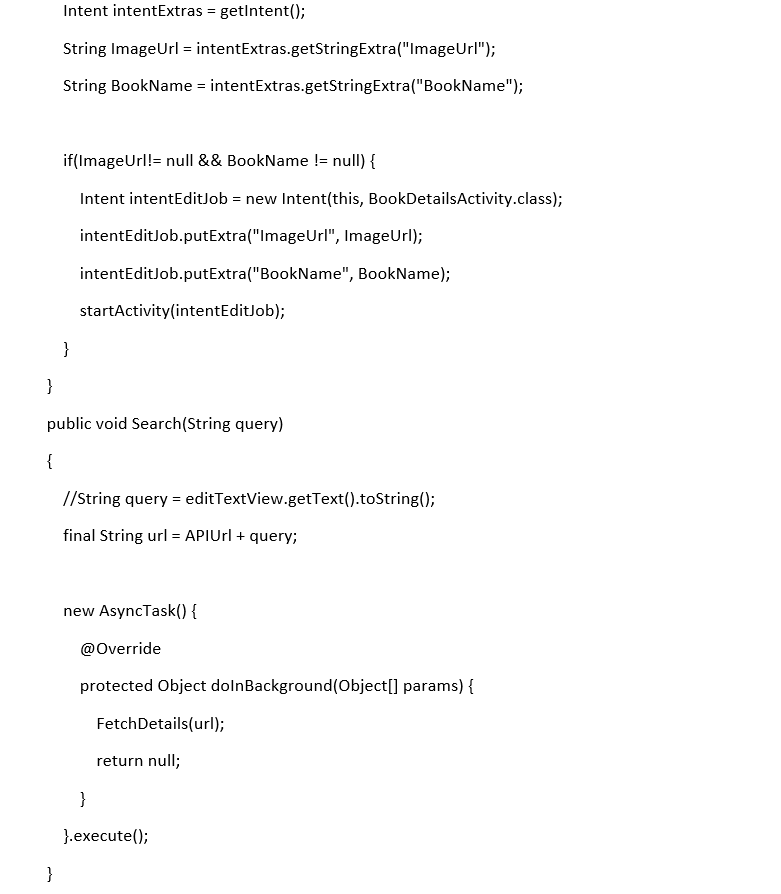
return outputList;

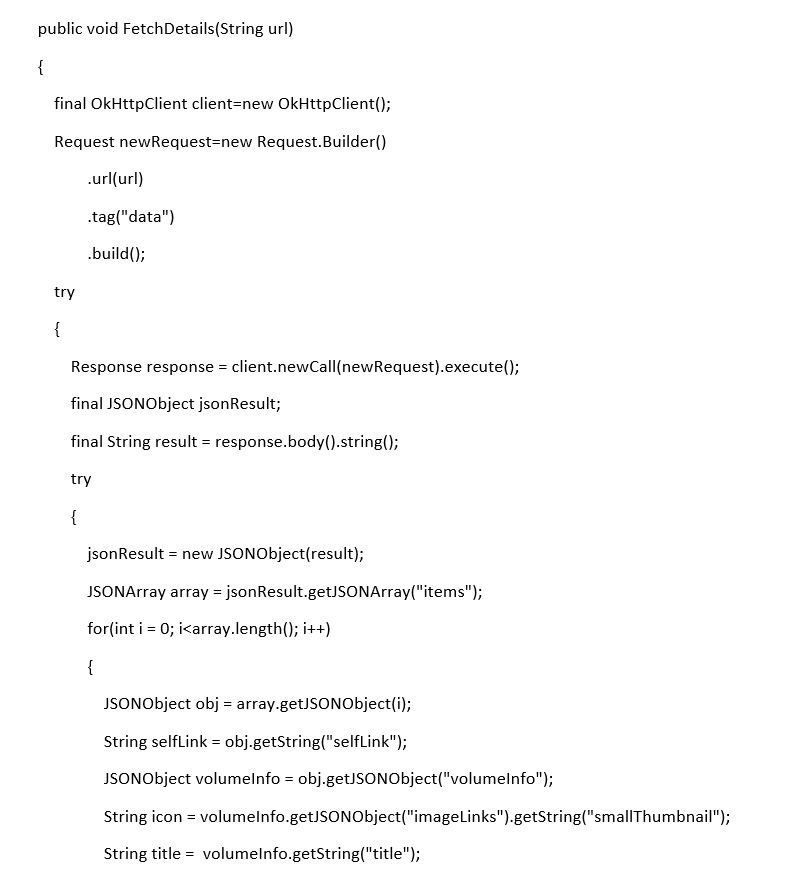
}

}

Books API:





// icons.add(Integer.parseInt(icon));

arrayListProgramList.add(movieTitle);

arrayListProgramImages.add(iconImage);

}

//Adapter.SetIcons(ConvertToArray(icons));

programNameList = ConvertToArray(arrayListProgramList);

programImages = ConvertToArray(arrayListProgramImages);

}

catch (JSONException ex)

{

ex.printStackTrace();

}

}

catch (IOException ex)

{

ex.printStackTrace();

Log.d("Http4","ran into exception: "+e.getMessage());

}

//return outputList;

}

public String[] ConvertToArrayList(ArrayList<String> arrayListItems) {

String[] resultOutput = new String[arrayListItems.size()];

resultOutput = arrayList.toArray(resultOutput);

return resultOutput;

}

@Override

public boolean onCreateOptionsMenuOptions(Menu menuItems) {

return true;

}

}