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1  import android.graphics.Color;
2  import android.net.Uri;
3  import android.os.AsyncTask;
4  import android.os.Bundle;
5  import android.support.v7.app.AppCompatActivity;
6  import android.text.Spannable;
7  import android.text.SpannableString;
8  import android.text.Spanned;
9  import android.text.TextPaint;
10 import android.text.TextUtils;
11 import android.text.method.LinkMovementMethod;
12 import android.text.style.ClickableSpan;
13 import android.text.style.ForegroundColorSpan;
14 import android.util.Log;
15 import android.view.Menu;
16 import android.view.MenuItem;
17 import android.view.View;
18 import android.widget.Button;
19 import android.widget.TextView;
20 import android.widget.Toast;
21
22 import com.google.android.gms.appindexing.Action;
23 import com.google.android.gms.appindexing.AppIndex;
24 import com.google.android.gms.common.api.GoogleApiClient;
25
26 import org.json.JSONArray;
27 import org.json.JSONException;
28 import org.json.JSONObject;
29
30 import java.io.BufferedReader;
31 import java.io.IOException;
32 import java.io.InputStream;
33 import java.io.InputStreamReader;
34 import java.net.HttpURLConnection;
35 import java.net.MalformedURLException;
36 import java.net.URL;
37 import java.util.LinkedList;
38
39 public class MainActivity extends AppCompatActivity {
40
41     ■ private Button ourButton;
42     ■ private TextView ourMessage;
43     ■ private String result;
44     ■ private int i = 0;
45     ■ private int currentWord =0;
46
47
48     ■ private TextView statusView;
49     /**
50      * ATTENTION: This was auto-generated to implement the App Indexing API.
51      * See https://g.co/AppIndexing/AndroidStudio for more information.
52      */
53     ■ private GoogleApiClient client;
54
55     ■ private JSONArray loadUrl(String location) {
56         ■ LinkedList<String> lines = new LinkedList<String>();
57
58         // Download URL to array of lines
59         try {

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119 Toast toastMessage = Toast.makeText(MainActivity.this, "Click t
he HighLight word " + LOCALCOUNT + " .", Toast.LENGTH_SHORT);
120 toastMessage.show();
121 currentWord++;
122 setStatus(status);
123 }
124
125 @Override
126 public void updateDrawState(TextPaint ds) {
127     super.updateDrawState(ds);
128     ds.setUnderlineText(true);
129 }
130 };
131
132 if(LOCALCOUNT == currentWord) {
133     wordtoSpan.setSpan(clickableSpan, prev, prev + highLightWord.length()
, Spanned.SPAN_EXCLUSIVE_EXCLUSIVE);
134 }
135 else if ( currentWord > LOCALCOUNT){
136     wordtoSpan.setSpan(new ForegroundColorSpan(Color.BLUE), prev, prev +
highLightWord.length(), Spannable.SPAN_EXCLUSIVE_EXCLUSIVE);
137 }
138 }
139 prev = prev + highLightWord.length() + 1;
140
141 }
142 ourMessage.setMovementMethod(LinkMovementMethod.getInstance());
143 ourMessage.setText(wordtoSpan);
144 }
145 }
146 catch (NullPointerException e) {
147     ourMessage.setText("Error downloading meeting status");
148 }
149 }
150 catch (JSONException e) {
151     ourMessage.setText("Error parsing meeting status: ");
152 }
153 }
154 }
155 }
156 }
157
158
159 /* Trigger a refresh of the meeting status */
160 private void loadStatus() {
161     // Set URI location
162     String location = "http://52.33.120.235/juan.php";
163     //peer-reader.ddns.net
164     //ip: 52.33.120.235
165     ourMessage.setText("Loading status.. ");
166
167
168     // Update status in a background thread
169     //
170     // In Android, we normally cannot access the network from the main
171     // thread; doing so would cause the user interface to freeze during
172     // data transfer.
173     //
174     // Again, android provides several ways around this, here we use an

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175 // AsyncTask which lets us run some code in a background thread and
176 // then update the user interface once the background code has
177 // finished.
178 //
179 // The first Java Generic parameter are:
180 // 1. String - argument for doInBackground, from .execute()
181 // 2. Void - not used here, normally used for progress bars
182 // 3. JSONObject - the return type from doInBackground which is
183 // passed to onPostExecute function.
184 new AsyncTask<String, Void, JSONArray>() {
185
186 // Called from a background thread, so we don't block the user
187 // interface. Using AsyncTask synchronization is handled for us.
188 protected JSONArray doInBackground(String... args) {
189 // Java passes this as a variable argument array,
190 // but we only use the first entry.
191 return MainActivity.this.loadUrl(args[0]);
192 }
193
194 // Called once in the main thread once doInBackground finishes.
195 // This is executed in the Main thread once again so that we can
196 // update the user interface.
197 protected void onPostExecute(JSONArray status) {
198 ourMessage.setText("Loading Post Execute.. ");
199 MainActivity.this.setStatus(status);
200 }
201
202 }.execute(location);
203
204
205
206 @Override
207 protected void onCreate(Bundle savedInstanceState) {
208 super.onCreate(savedInstanceState);
209 //This is content on the screen
210 setContentView(R.layout.activity_main);
211 //Link Button to Textview
212 ourButton = (Button) findViewById(R.id.button);
213 ourMessage = (TextView) findViewById(R.id.textView);
214
215
216 //Listen on the button to be click
217 View.OnClickListener ourOnClickListener =
218 new View.OnClickListener() {
219 @Override
220 public void onClick(View v) {
221 currentWord = 0;
222 loadStatus();
223 i++;
224 }
225 };
226
227 ourButton.setOnClickListener(ourOnClickListener);
228
229 // ATTENTION: This was auto-generated to implement the App Indexing API.
230 // See https://g.co/AppIndexing/AndroidStudio for more information.
231 client = new GoogleApiClient.Builder(this).addApi(AppIndex.API).build();
232
233

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234
235     @Override
236     public boolean onCreateOptionsMenu(Menu menu) {
237         // Inflate the menu; this adds items to the action bar if it is present.
238         //Add menu_main on screen
239         getMenuInflater().inflate(R.menu.menu_main, menu);
240         return true;
241     }
242
243     @Override
244     public boolean onOptionsItemSelected(MenuItem item) {
245         // Handle action bar item clicks here. The action bar will
246         // automatically handle clicks on the Home/Up button, so long
247         // as you specify a parent activity in AndroidManifest.xml.
248         int id = item.getItemId();
249
250         //noinspection SimplifiableIfStatement
251         if (id == R.id.action_settings) {
252             Toast toastMessage = Toast.makeText(this, "Text value is now " + ourMessage
253             .getText(), Toast.LENGTH_LONG);
254             toastMessage.show();
255             return true;
256         }
257
258         return super.onOptionsItemSelected(item);
259     }
260
261     @Override
262     public void onStart() {
263         super.onStart();
264
265         // ATTENTION: This was auto-generated to implement the App Indexing API.
266         // See https://g.co/AppIndexing/AndroidStudio for more information.
267         client.connect();
268         Action viewAction = Action.newAction(
269             Action.TYPE_VIEW, // TODO: choose an action type.
270             "Main Page", // TODO: Define a title for the content shown.
271             // TODO: If you have web page content that matches this app activity's
content,
272             // make sure this auto-generated web page URL is correct.
273             // Otherwise, set the URL to null.
274             Uri.parse("http://host/path"),
275             // TODO: Make sure this auto-generated app deep link URI is correct.
276             Uri.parse("android-app://coolcatmeow.org.helloworld/http/host/path")
277         );
278         AppIndex.AppIndexApi.start(client, viewAction);
279     }
280
281     @Override
282     public void onStop() {
283         super.onStop();
284
285         // ATTENTION: This was auto-generated to implement the App Indexing API.
286         // See https://g.co/AppIndexing/AndroidStudio for more information.
287         Action viewAction = Action.newAction(
288             Action.TYPE_VIEW, // TODO: choose an action type.
289             "Main Page", // TODO: Define a title for the content shown.
290             // TODO: If you have web page content that matches this app activity's

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content,
291         // make sure this auto-generated web page URL is correct.
292         // Otherwise, set the URL to null.
293         Uri.parse("http://host/path"),
294         // TODO: Make sure this auto-generated app deep link URI is correct.
295         Uri.parse("android-app://coolcatmeow.org.helloworld/http/host/path")
296     );
297     AppIndex.AppIndexApi.end(client, viewAction);
298     client.disconnect();
299 }
300 }
```