

# LABORATORIO WEB SERVICE – LEER DE SERVIDOR USANDO ASYNCTASK

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```
<uses-permission android:name="android.permission.INTERNET"/>
```

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```
public class MainActivity extends Activity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        new ProcesoAsyncTask().execute("http://190.186.90.205/android/listauni.php");
    }
    private class ProcesoAsyncTask extends AsyncTask<String, Void, String> {
        @Override
        protected String doInBackground(String... urls) {
            return Bajar(urls[0]);
        }
        @Override
        protected void onPostExecute(String result) {
            Toast.makeText(getBaseContext(), "Información Recuperada",
                Toast.LENGTH_LONG).show();

            TextView tv = (TextView) findViewById(R.id.textView1);
            tv.setText(result);
        }
    }
}
```

```

public static String Bajar(String url){
    InputStream inputStream = null;
    String result = "";
    try {
        // create HttpClient
        HttpClient httpClient = new DefaultHttpClient();
        // make GET request to the given URL
        HttpResponse httpResponse = httpClient.execute(new HttpGet(url));
        // receive response as inputStream
        inputStream = httpResponse.getEntity().getContent();
        // convert inputstream to string
        if(inputStream != null)
            result = convierteISaString(inputStream);
        else
            result = "Error en el Proceso!!!";

    } catch (Exception e) {
        Log.d("Error en InputStream", e.getLocalizedMessage());
    }
    return result;
}

private static String convierteISaString(InputStream bloque) throws IOException{
    BufferedReader puntero = new BufferedReader( new InputStreamReader(bloque));
    String linea = "";
    String resultado = "";
    while((linea = puntero.readLine()) != null)
        resultado += linea;
    puntero.close();
    return resultado;
}
}

```