Java Client to Consuming Liferay JSON web Services

1. **Write fooling java program in your java project.**

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| public static void main(String[] args) throws ClientProtocolException, IOException {  ArrayList<HashMap<String, String>>mylist = new ArrayList<HashMap<String, String>>();  //Get the data (see above)  HttpHost targetHost = new HttpHost("localhost", 8080, "http");  DefaultHttpClient httpclient = new DefaultHttpClient();  httpclient.getCredentialsProvider().setCredentials(new AuthScope(targetHost.getHostName(), targetHost.getPort()),new UsernamePasswordCredentials("test@liferay.com", "test"));  AuthCache authCache = new BasicAuthCache();  BasicScheme basicAuth = new BasicScheme();  authCache.put(targetHost, basicAuth);  BasicHttpContext ctx = new BasicHttpContext();  //ctx.setAttribute(ClientContext.AUTH\_CACHE,authCache);  HttpPost post = new HttpPost("/tunnel-web/secure/json");  List<NameValuePair> params = new ArrayList<NameValuePair>();  params.add(new BasicNameValuePair("serviceClassName", "com.liferay.portal.service.CountryServiceUtil"));  params.add(new BasicNameValuePair("serviceMethodName", "getCountries"));  params.add(new BasicNameValuePair("serviceParameters", "[]"));  UrlEncodedFormEntity entity = new UrlEncodedFormEntity(params, "UTF-8");  post.setEntity(entity);  HttpResponse resp = httpclient.execute(targetHost, post, ctx);  resp.getEntity().writeTo(System.*out*);  httpclient.getConnectionManager().shutdown();    }    } |

1. **Compile and Run the java program using dos command prompt or using eclipse.**
2. **See the console you will get the all Countries data in the json format.**

**Following are the required Jar files**

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| **commons-codec-1.7.jar**  **httpclient-4.1-beta1.jar** |