**import** java.io.BufferedReader;

**import** java.io.FileInputStream;

**import** java.io.InputStream;

**import** java.io.InputStreamReader;

**import** java.io.OutputStreamWriter;

**import** java.io.StringWriter;

**import** java.net.URL;

**import** java.net.URLConnection;

**import** org.json.simple.JSONObject;

/\*\*

\* **@author** Crunchify.com

\*

\*/

**public** **class** CrunchifyRESTServiceClient {

**public** **static** **void** main(String[] args) {

**try** {

URL url = **new** URL("http://localhost:8080/messenger/webapi/crunchifyService");

URLConnection connection = url.openConnection();

connection.setDoOutput(**true**);

connection.setRequestProperty("Content-Type", "application/json");

connection.setConnectTimeout(5000);

connection.setReadTimeout(5000);

OutputStreamWriter out = **new** OutputStreamWriter(connection.getOutputStream());

JSONObject obj = **new** JSONObject();

obj.put("name","foo");

obj.put("num",**new** Integer(100));

obj.put("balance",**new** Double(1000.21));

obj.put("is\_vip",**new** Boolean(**true**));

StringWriter out1 = **new** StringWriter();

obj.writeJSONString(out1);

String jsonText = out1.toString();

out.write(jsonText);

out.close();

BufferedReader in = **new** BufferedReader(**new** InputStreamReader(connection.getInputStream()));

System.***out***.println("\nCrunchify REST Service Invoked Successfully.."+in.readLine());

**while** (in.readLine() != **null**) {

}

System.***out***.println("\nCrunchify REST Service Invoked Successfully..");

in.close();

} **catch** (Exception e) {

System.***out***.println("\nError while calling Crunchify REST Service");

System.***out***.println(e);

}

}

}

package org.vibhu.messenger;

import java.io.BufferedReader;

import java.io.InputStream;

import java.io.InputStreamReader;

import javax.print.attribute.standard.Media;

import javax.ws.rs.Consumes;

import javax.ws.rs.GET;

import javax.ws.rs.POST;

import javax.ws.rs.Path;

import javax.ws.rs.Produces;

import javax.ws.rs.core.MediaType;

import javax.ws.rs.core.Response;

@Path("/")

public class CrunchifyRESTService {

@POST

@Path("/crunchifyService")

@Consumes(MediaType.APPLICATION\_JSON)

public Response crunchifyREST(InputStream incomingData) {

StringBuilder crunchifyBuilder = new StringBuilder();

try {

BufferedReader in = new BufferedReader(new InputStreamReader(incomingData));

String line = null;

while ((line = in.readLine()) != null) {

crunchifyBuilder.append(line);

}

} catch (Exception e) {

System.out.println("Error Parsing: - ");

}

System.out.println("Data Received: " + crunchifyBuilder.toString());

// return HTTP response 200 in case of success

return Response.status(200).entity(crunchifyBuilder.toString()).build();

}

@GET

@Path("/verify")

@Produces(MediaType.TEXT\_PLAIN)

public Response verifyRESTService(InputStream incomingData) {

String result = "CrunchifyRESTService Successfully started..";

// return HTTP response 200 in case of success

return Response.status(200).entity(result).build();

}

}

<dependencies>

<dependency>

<groupId>com.sun.jersey</groupId>

<artifactId>jersey-client</artifactId>

<version>1.19.4</version>

</dependency>

<dependency>

<groupId>com.googlecode.json-simple</groupId>

<artifactId>json-simple</artifactId>

<version>1.1</version>

</dependency>

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