

Sms service code

Sending sms in mobile by using Java:

Required jars:

1. activation-1.1.jar
2. async-http-client-1.8.14.jar
3. commons-codec-1.7.jar
4. commons-io-1.4.jar
5. commons-lang3-3.0.jar
6. httpclient-4.5.2.jar
7. httpcore-4.4.4.jar
8. jackson-all-1.9.0.jar
9. jackson-annotations-2.4.3.jar
10. jackson-core-2.4.3.jar
11. jackson-core-asl-1.7.1.jar
12. jackson-databind-2.4.3.jar
13. jaxb-api-2.2.jar
14. standard.jar
15. org-apache-commons-logging.jar
16. twilio-java-sdk-6.3.0.jar

By sending sms to the mobile using twilio sms free service in my code.

Need to create twilio account and generate one contact number it will working certain trailing period only.

In my code using my temporary contact number is: +12015802035 .This number is generated automatically corresponding in my account.

Need to Twilio Account process is:

Exmaple:

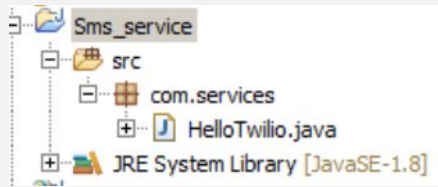
Go to url= <https://www.twilio.com/> and signup here.

My username: veeru@gmail.com

Password: Veexx@xxxxx

Note: this service can provide other technical services also like php,java etc.

Eclipse project Structure:



HelloTwilio.java:

```
package com.smsservice;

import java.util.HashMap;
import org.apache.commons.codec.binary.Base64;
import org.apache.http.HttpHost;
import org.apache.http.auth.AuthScope;
import org.apache.http.auth.UsernamePasswordCredentials;
import org.apache.http.client.CredentialsProvider;
import org.apache.http.client.HttpClient;
import org.apache.http.impl.client.BasicCredentialsProvider;
import org.apache.http.impl.client.CloseableHttpClient;
import org.apache.http.impl.client.HttpClients;
import org.apache.http.impl.conn.DefaultProxyRoutePlanner;
import com.twilio.sdk.*;
import com.twilio.sdk.resource.factory.SmsFactory;
import com.twilio.sdk.resource.instance.Account;

public class HelloTwilio {

    public static final String ACCOUNT_SID =
"AC56d9cf30ad941b7866822c1077054ba5";

    public static final String AUTH_TOKEN =
"d843c4a39749882763f2a12107f7e100";

    public static void main(String[] args) throws TwilioRestException
    {

        System.out.println(Base64.class.getProtectionDomain().getCodeSource().getLocation());
```

```

        TwilioRestClient client = new TwilioRestClient(ACCOUNT_SID,
AUTH_TOKEN);
        System.out.println("client::" + client);
        client.setHttpClient(getProxyClient());
        Account account = client.getAccount();
        SmsFactory factory = account.getSmsFactory();
        HashMap<String, String> message = new HashMap<>();
        message.put("To", "+91970532xxxx");
        message.put("From", "+1201580xxxx");
        message.put("Body", "hii");
        factory.create(message);
    }}

```

If have some proxy problem we can use below code as a particular method declaring in a class after/before the main methode:

```

private static HttpClient getProxyClient() {
    HttpHost proxy = new HttpHost("10.0.330.30", 5050, "http");
    DefaultProxyRoutePlanner routePlanner = new
DefaultProxyRoutePlanner(proxy);
    CredentialsProvider credentialsProvider = new
BasicCredentialsProvider();
    credentialsProvider.setCredentials(new
AuthScope(AuthScope.ANY_HOST, AuthScope.ANY_PORT),
        new UsernamePasswordCredentials(ACCOUNT_SID,
AUTH_TOKEN));
    CloseableHttpClient httpClient =
HttpClientBuilder.create().setRoutePlanner(routePlanner)

        .setDefaultCredentialsProvider(credentialsProvider).build();
    return httpClient;
}

```

