

# A few Simple Uses - Java

Send an SMSCheck BalanceDelivery ReportsCreate AccountsCredit TransfersError Capture

```
import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class SendSMS {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
        RestClient.ENV_PRODUCTION);

        try {
            tmClient.sendSMS("Hello SMS World!", "447000000000", "SenderName", 72, "", "",
            null);
        } catch (RestClientException e) {
            e.printStackTrace();
        }
    }
}
```

```
import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class CheckBalance {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
        RestClient.ENV_PRODUCTION);
        try {
            int creditsAvailable = tmClient.getCredits();
            System.out.println("Account have " + creditsAvailable + " credits.");
        } catch (RestClientException e) {
            e.printStackTrace();
        }
    }
}
```

```

import java.util.Hashtable;
import uk.co.textmarketer.RestAPI.DeliveryReport;
import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class DeliveryReports {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
        RestClient.ENV_PRODUCTION);

        DeliveryReport[] reports;
        try {
            reports = tmClient.getDeliveryReport("all");
            for(DeliveryReport report: reports) {
                System.out.println(report);
                for(Hashtable<String, String> row: report.getRows()) {
                    System.out.println("\tMessage ID: " + row.get("message_id"));
                    System.out.println("\tLast Updated: " + row.get("last_updated"));
                    System.out.println("\tMobile Number: " + row.get("mobile_number"));
                    System.out.println("\tStatus: " + row.get("status"));
                    System.out.println("\tCustom Tag: " + row.get("custom"));
                }
            }
        } catch (RestClientException e) {
            e.printStackTrace();
        }
    }
}

```

```

import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class CreateAccount {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
        RestClient.ENV_PRODUCTION);
        try {
            tmClient.createSubAccount("My client", null, null, null, null, null, false);
        } catch (RestClientException e) {
            e.printStackTrace();
        }
    }
}

```

```

package Examples;
import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class CreditTransfer {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
RestClient.ENV_PRODUCTION);
        try {
            tmClient.transferCreditsToUser(5000, "targetAPIusername", "targetAPIpassword");
        } catch (RestClientException e) {
            e.printStackTrace();
        }
    }
}

```

To complete your code you should add some error handling, to catch exceptions. All you need to do is put the wrapper function calls in a try-catch block as follows.

```

import java.util.Hashtable;
import java.util.Map;
import uk.co.textmarketer.RestAPI.RestClient;
import uk.co.textmarketer.RestAPI.RestClientException;
public class ErrorCapture {
    public static void main(String[] args) {
        RestClient tmClient = new RestClient("MyUser", "MyPass",
RestClient.ENV_PRODUCTION);

        try {
            tmClient.sendSMS("Hello SMS World!", "447000000000", "SenderName", 72, "", "",
null);
            // if the send fails, execution jumps to the start of the catch-block
            int creditsAvailable = tmClient.getCredits();
            System.out.println("Account have " + creditsAvailable + " credits.");
        } catch (RestClientException e) {
            Hashtable<String, String> errors = tmClient.getLastErrors();
            for(Map.Entry<String, String> error: errors.entrySet())
                System.out.println("Error code " + error.getKey() + ": " + error.getValue());
        }
    }
}

```

It is up to you to decide how to handle the errors. We also recommend that you log them for debugging purposes.

#### **You must know!**

Our example code is an illustration of how you might integrate with our systems and is not certified for production environments. You are responsible for testing and QA.

- Next: Including the wrapper library
- Home: Developers Documentation