1S2U

DLR API

Get full, accurate, and detailed reporting (DLR) for all messages sent status. Upon integrating DLR API, you will know the status of your sent messages.

Handling SMS Delivery Reports

Delivery reports should be used for message delivery status information purposes. They can be collected in real time over the HTTP forward method by supplying your notifyUrl in your account settings page at the sms dashboard.

HTTP forward method is the most efficient way to access delivery reports since each delivery report is forwarded to your address as soon as the status becomes available and it is the recommended method for collecting message status information.

By default, you will not receive an automatic notification regarding the delivery of your SMS. To get notified on the status of your message, unless you will add your notifyUrl in your account settings.

You can also find your SMS delivery reports in the sms sent report of your 1s2u account.

This will automatically output a notification when your SMS reaches its destination, or if it fails to deliver. Your delivery report will update to show either "delivered", "undelivered", or "rejected" for each individual recipient.

Set up a Web Server:

Let's assume your web server is located at http://smsexample.com. Below is a snippet to set up a route on your webserver.

Now when we send an HTTP request to http:// smsexample.com/delivery_report.asp this route will be invoked.

This route will be the 'url' parameter when sending an sms using the Message API.

Note: For asp, the route will be smsexample.com/delivery_report.asp.

Copy the relevant code below into a text file and save it. Let's call it, 'delivery_report.asp'.

Customize the delivery report to include the parameters you need.

Note: In case your web server down or got any tech issue at your DLR page, we will keep retrying to send you the DLR data in interval of 10 min.

SMS Delivery and Notifications
The following parameters are then sent to the URL:

User can get DLR via Provided Web Link.

The URL for each client would look like http:// smsexample.com/delivery_report.asp.

The method used for posting delivery report onto the client's URL is POST The

parameters appended to the URL would be as below:

Parameter name	Description
mno	The number to which the SMS was sent.
sid	Sender Id/From clause in the SMS message.
msgid	A unique ID for the message
date	The received status date and time
status	The status of the message. Possible statuses include 'failed', DELIVRD, UNDELIV, expired or 'rejected'

Sample Code Classic ASP:

1. Copy the relevant code below into a text file and save it. Let's call it, `'delivery_report.asp'`.
2. Customize the delivery report to include the parameters you need.
3. This sample code using a Sql insertion to save the DLR data and the status at the SQL DB side.

```asp
<%



If trim (request.Form("mno")) <>"" then
        Set Con= Server.CreateObject("ADODB.Connection")
        Con.Open "Provider=SQLOLEDB.1;Persist Security Info=False;User ID=username;Initial
        Catalog=dbexample;Data Source=SRV1; Password=dbpassword"

'Get DLR post data 'Insert
DLR information
         sSQL = "INSERT INTO table_test(sender,sMobileNo,sStatus,sMessageId,dtDone,dtSubmit) VALUES('" & _
        request.form("sid") & "','" & request.form("mno") & "','" & request.form("status") & "','" &_
        request.form("msgid") & "','" & request.form("date") & "','" & request.form("date") & "') "

                Set rs = con.Execute(sSQL)

                'DLR been inserted in the DB


        con.Close
End if


%>
```

Sample Output

Sid: 1111111111, Mno: 3333333333, Status: delivered, Msgid: 201712261340650311013 Date: 26/12/2017 11:51:37