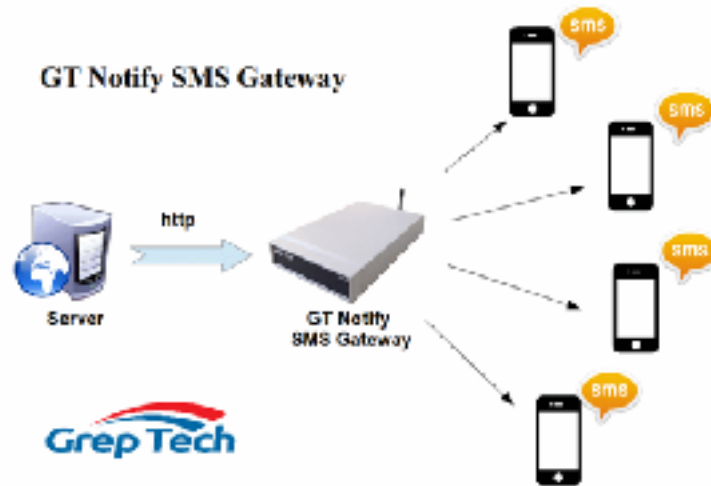


GT Notify SMS Gateway Developer Guide



1. Send SMS using SMS API (Application Programming Interface)

The most simple way is using HTTP method, just a simple HTTP statement can trigger a SMS message to be sent out to the user's mobile phone. This command can be triggered from the browser, or from a php script.

```
http://gtnotify_ip_address/index.php?  
md=smsapi&num=98764321&msg=helloworld&pass=xxxxxx
```

num: SMS phone number

msg: SMS message to be send out

pass: password

Note: Mobile phone number with country code , “+“ sign must be encoded to “%2B”

Example: +6112345678 URL encode to : %2b6112345678

2. Passing SMS message to Other Applications using web hook

A screenshot of a "Webhook Settings" form. The form has a title bar "Webhook Settings" and a light gray background. It contains three main fields: "Remote URL:" with a text input field containing "http://www.gtnotify.com/webhook/index.php"; "Enable:" with a checked radio button; and "Exit after Webhook:" with an unchecked radio button. At the bottom left, there are two buttons: "Submit" (highlighted in blue) and "Cancel".

From GT Notify system, user can configure web hook to let the GT Notify system to pass the received message information (in json format) to other application through HTTP Post.

The json format data has the 3 data field:

Date, Phone, Msg

The application will receive and process the json data, following is an example php code for receiving the json data, decode the content, and insert into the database:



Sample code to processing the json data and insert into database.

```
<?php
//define the database connection
$host_name = 'localhost';
$db_user = 'xxxxxx';
$db_password = 'xxxxxxx';
$db_name = 'xxxxxxx';
$db_conn = mysqli_connect($host_name, $db_user, $db_password, $db_name);

//receive the json data and decode the data into array $data
$data = file_get_contents("php://input");
$data = json_decode($data, True);

//Insert $data[Date], $data[Phone], $data[Msg] into database
$sql = "INSERT INTO gt_webhook (date, phone, msg) values
('$data[Date]','$data[Phone]','$data[Msg]')";
$ret = mysqli_query($db_conn,$sql);
?>
```

3. Access GT Notify MySQL database

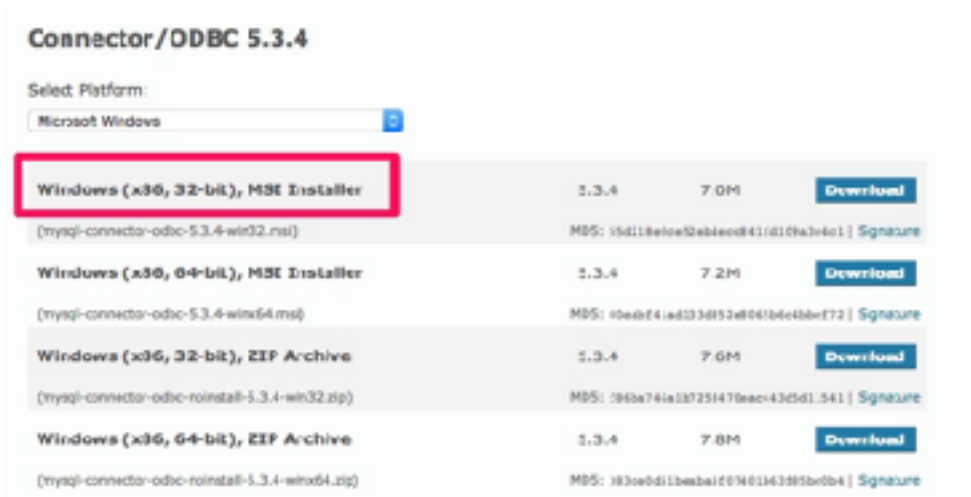
GT Notify SMS system run on top of MySQL database. Using ODBC to access GT Notify MySQL database will enable application to have direct control of the SMS inbox, outbox and sent box.

Note: Please make sure you are using GT Notify Gateway Version

Example: Access GT Notify MySQL database from a Windows PC

1. Download and Install MySQL ODBC Connector

<https://dev.mysql.com/downloads/connector/odbc/>

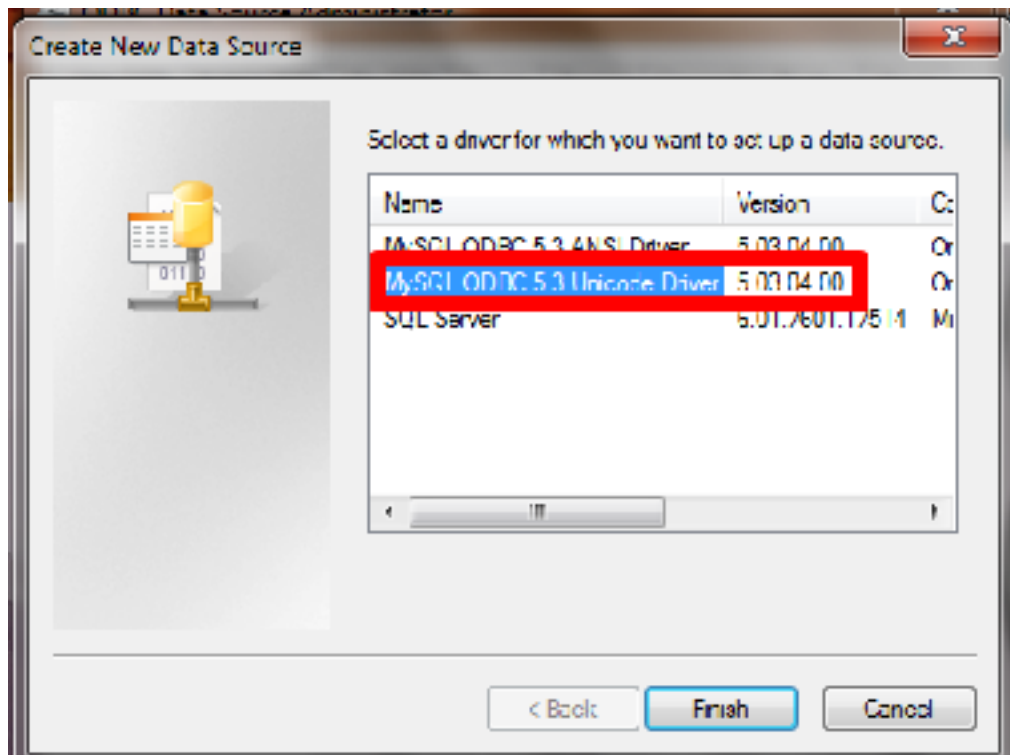
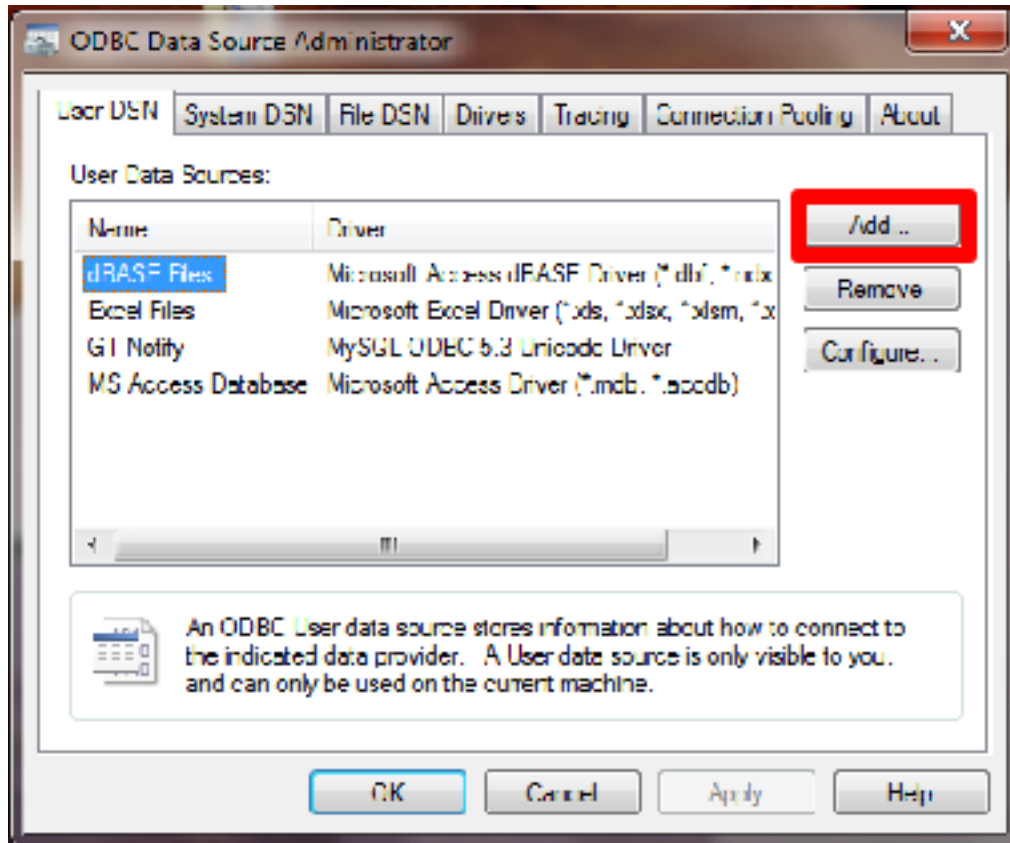


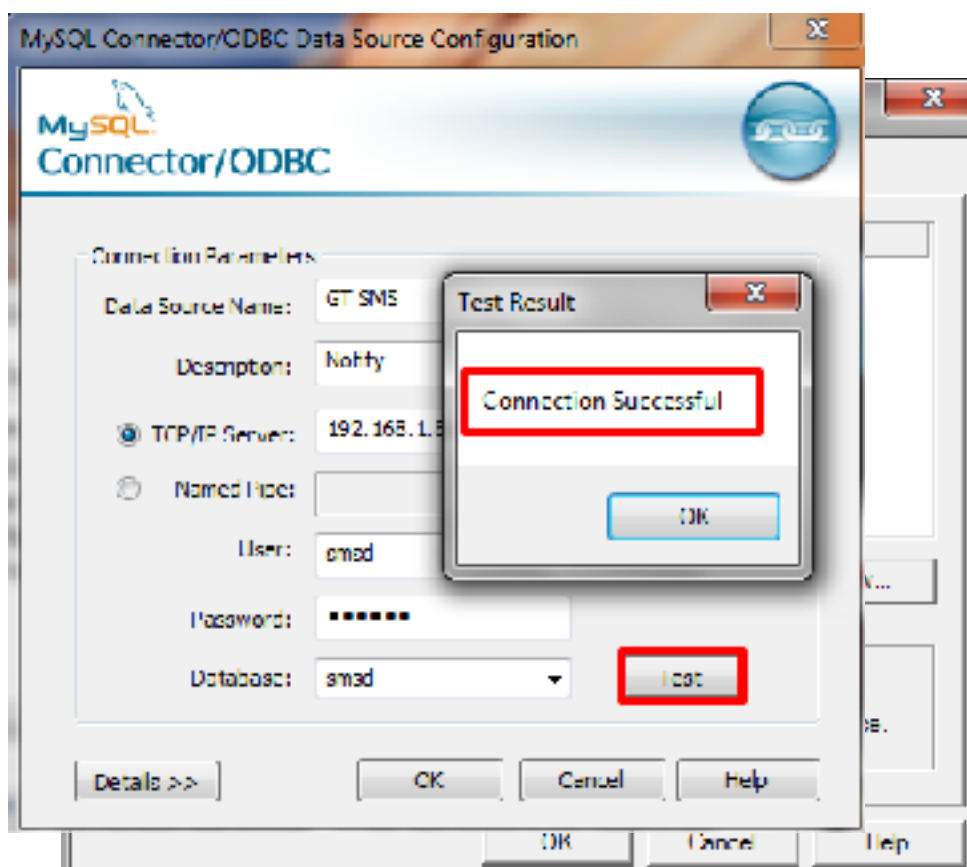
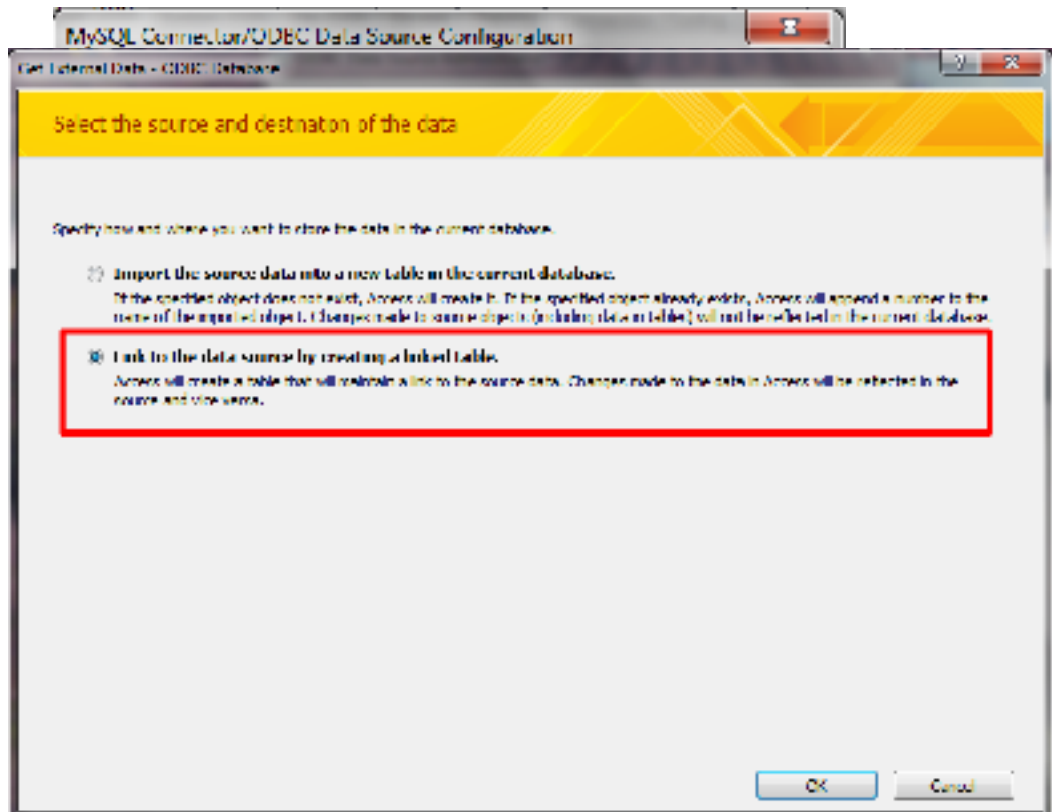
Connector/ODBC 5.3.4			
Select Platform:	Microsoft Windows		
Windows (x86, 32-bit), MSI Installer	5.3.4	7.0M	Download
<small>(mysql-connector-odbc-5.3.4-win32.msi)</small>			
Windows (x86, 64-bit), MSI Installer	5.3.4	7.2M	Download
<small>(mysql-connector-odbc-5.3.4-win64.msi)</small>			
Windows (x86, 32-bit), ZIP Archive	5.3.4	7.6M	Download
<small>(mysql-connector-odbc-rollback-5.3.4-win32.zip)</small>			
Windows (x86, 64-bit), ZIP Archive	5.3.4	7.8M	Download
<small>(mysql-connector-odbc-rollback-5.3.4-win64.zip)</small>			

Download 32-bit MSI installer and install the software in the PC.

2. Configure ODBC connector

After installation of ODBC Connector, Search Programs [**Data Sources (ODBC)**] and Run it.





3. Use the ODBC connector from MS Access

