



# NETMESSENGER API EXAMPLES

The following pages contain sample code we have produced to assist you in building FASTSMS functionality into your development environment. We are always adding new items to both our API's and our examples library so for the latest versions please visit our website's resource area or access the latest examples via your Netmessenger account. Login on the following URL; <http://login.fastsms.co.uk/examples.php>

Currently this document supplies example code for the following;

- **PHP**
- **ASP**
- **XML**

If you have any other requirement or would like to feedback to us your ideas or comments please email us at [helpdesk@fastsms.co.uk](mailto:helpdesk@fastsms.co.uk) or call **0800 954 5305** and speak to one of our operators.

### **PHP API Examples**

**Note:** All of these examples use the `api_connect()` function (within these examples).

**URL:** <http://login.fastsms.co.uk/examples.php?language=php>

#### **Sending a message with the API**

```
<?php
// Create Parameter Array
unset($Parameters);
$Parameters['Action']="Send";
$Parameters['DestinationAddress']="447777777777";
$Parameters['SourceAddress']="System";
$Parameters['Body']="This is a test message";
```

```

$Parameters['ValidityPeriod']="86400";

// Call api_connect() function
$resultcode=api_connect("MyUserName",      "MyPassword",
$Parameters);

if ($resultcode>0)
{
echo "Message ID is: ".$resultcode;
}
else
{
echo "An error occurred. ID: ".$resultcode;
}

?>

```

## Checking Your Credit Level

```

<?php

// Create Parameter Array
unset($Parameters);
$Parameters['Action']="CheckCredits";

// Call api_connect() function
$resultcode=api_connect("MyUsername",      "MyPassword",
$Parameters);

if (is_numeric($resultcode) && $resultcode<0)
{
echo "An error occurred. ID: ".$resultcode;
}
else
{
echo "Current Credit Level: ".$resultcode;
}

?>

```

## Checking the status of a message

```
<?php

// Create Parameter Array
$Parameters['Action']="CheckMessageStatus";
$Parameters['MessageID']=0000000001;

// Call api_connect() function
$resultcode=api_connect("MyUserName", "MyPassword",
$Parameters);

if (is_numeric($resultcode) && $resultcode<0)
{
echo "An error occurred. ID: ".$resultcode;
}
else
{
echo "Message Status is: ".$resultcode;
}
?>
```

## Running a report

```
<?php

// Create Parameter Array
unset($Parameters);
$Parameters['Action']="Report";
// Possible report types are: Outbox, Messages and Usage
$Parameters['ReportType']="Messages";
// From and To timestamps are in the format
YYYYMMDDHHMMSS
$Parameters['From']="20060101000000";
$Parameters['To']="20060101235959";

// Call api_connect() function
$reportBody=api_connect("MyUserName", "MyPassword",
$Parameters);

if (is_numeric($reportBody) && $reportBody<0)
```

```
{
echo "An error occurred. ID: ".$reportBody;
}
else
{
echo "Report Follows:\n".$reportBody;
}
?>
```

## Creating a User (admin only)

```
<?php

// Create Parameter Array
unset($Parameters);
$Parameters['Action']="CreateUser";
$Parameters['ChildUsername']="user023321";
$Parameters['ChildPassword']="securePassword";
// Access Level : Normal or Admin
$Parameters['AccessLevel']="Normal";
$Parameters['Name']="Customer Name";
$Parameters['Email']="customer@emailaddress.com";
// How many credits do we give this user initially?
$Parameters['Credits']="30";

// Call api_connect() function
$resultcode=api_connect("MyUserName", "MyPassword",
$Parameters);
if ($resultcode>0)
{
echo "User created";
}
else
{
echo "An error occurred. ID: ".$resultcode;
}
?>
```

## Managing User Credits (admin only)

```
<?php
// Create Parameter Array
$Parameters['Action']="UpdateCredits";
$Parameters['ChildUsername']="user023321";
// Give the user 10 credits. You can also use -10
// to remove credits from a user.
$Parameters['Quantity']=10;

// Call api_connect() function
$resultcode=api_connect("MyUserName", "MyPassword",
$Parameters);

if (is_numeric($resultcode) && $resultcode<0)
{
echo "An error occurred. Code: ".$resultcode;
}
else
{
echo "Credits Transferred";
}
?>
```

## api\_connect function

```
<?php
// api connect function
function api_connect($Username, $Password, $ParameterArray)
{
// Create the URL to send the message.
// The variables are set using the input from an HTML form

$error = array();
$url = "api.fastsms.co.uk";
$headers = "POST /api/api.php HTTP/1.0\r\n";
$headers .= "Host: ".$url."\r\n";

// Create post string
// Username and Password
```

```

$poststring = "Username=".$Username."&";
$poststring .= "Password=".$Password;

// Turn the parameter array into the variables

while (list($Key, $Value)=@each($ParameterArray))
{
$poststring .= "&".$Key."=".urlencode($Value);
}

// Finish off the headers
$headers .= "Content-Length: ".strlen($poststring)."\r\n";
$headers .= "Content-Type: application/x-www-form-
urlencoded\r\n";

// Open a socket
$http = fsockopen ($url, 80, $err[0], $err[1]);
if (!$http)
{
echo "Connection to ".$url.":80 failed: ".$err[0]. " (".$err[1].")";
exit();
}

// Socket was open successfully, post the data.
fwrite ($http, $headers."\r\n".$poststring."\r\n");

// Read the results from the post
$result = "";
while (!feof($http))
{
$result .= fread($http, 8192);
}

// Close the connection
fclose ($http);

```

	<pre>// Strip the headers from the result list(\$resultheaders, \$resultcode)=split("\r\n\r\n", \$result, 2); return \$resultcode; } ?&gt;</pre>
<p><b>Example HTML form and PHP code for sending a message</b></p>	<pre>&lt;?php \$header=&lt;&lt;&lt;EOT &lt;!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"&gt; &lt;HTML&gt; &lt;HEAD&gt; &lt;TITLE&gt;Send a Message&lt;/TITLE&gt; &lt;/HEAD&gt; &lt;BODY&gt; EOT;  \$footer="&lt;/BODY&gt;&lt;/HTML&gt;";  if (\$_GET['Action']=="Send") { // api connect function (Note: For a live application you may // wish to place this function in a separate file and include it // here) function api_connect(\$Username, \$Password, \$ParameterArray) { // Create the URL to send the message. // The variables are set using the input from an HTML form  \$error = array(); \$url = "api.fastsms.co.uk"; \$headers = "POST /api/api.php HTTP/1.0\r\n"; \$headers .= "Host: ".\$url."\r\n";  // Create post string // Username and Password \$poststring = "Username=".\$Username."&amp;";</pre>



```

$poststring .= "Password=".$Password;

// Turn the parameter array into the variables

while (list($Key, $Value)=@each($ParameterArray))
{
$poststring .= "&".$Key."=".urlencode($Value);
}

// Finish off the headers
$headers .= "Content-Length: ".strlen($poststring)."\r\n";
$headers .= "Content-Type: application/x-www-form-
urlencoded\r\n";

// Open a socket
$http = fsockopen ($url, 80, $err[0], $err[1]);
if (!$http)
{
echo "Connection to ".$url.":80 failed: ".$err[0]. " (".$err[1].")";
exit();
}

// Socket was open successfully, post the data.
fwrite ($http, $headers."\r\n".$poststring."\r\n");

// Read the results from the post
$result = "";
while (!feof($http))
{
$result .= fread($http, 8192);
}

// Close the connection
fclose ($http);

// Strip the headers from the result

```

```

list($resultheaders, $resultcode)=split("\r\n\r\n", $result, 2);

return $resultcode;
}

// Verify that the parameters are correct

$errorMessage="";
if      (empty($_GET['DestinationAddress'])           ||
!is_numeric($_GET['DestinationAddress']))
{
$errorMessage="Invalid Destination Address<br>";
}
if (empty($_GET['SourceAddress'])
||      (!is_numeric($_GET['SourceAddress'])           &&
strlen($_GET['SourceAddress'])>11)
||      (is_numeric($_GET['SourceAddress'])           &&
strlen($_GET['SourceAddress'])>20)
)
{
$errorMessage="Invalid Source Address<br>";
}
if (empty($_GET['Body']) || strlen($_GET['Body'])>160)
{
$errorMessage="Invalid Message Body<br>";
}

if (empty($errorMessage))
{
// Send the message
$resultcode=api_connect("MyUserName",           "MyPassword",
$_GET);

/*****

The message has been sent. Here you might wish to redirect
to another page,store the message ID in your local database
and other such actions. In this example, we will simply print

```

a basic HTML page that tells the user whether the send was successful and if so, the Message ID.

```
***** /

print $header;

if ($resultcode>0)
{
echo "Thank you, your message has been sent. The message ID is:
".$resultcode;
}
else
{
echo "An error occurred in sending your message. ID:
".$resultcode;
}

print $footer;
exit();
}
}

// Here is the HTML page. Print the header first!

print $header;

if (!empty($errorMessage)) print "An Error Occurred:
".$errorMessage."<br>";

?>
<!-- A Basic HTML Form for sending a message with the API -->

<FORM          action="<?php          echo
htmlentities($_SERVER['PHP_SELF']); ?>" method="GET"
name="sendForm">

<INPUT type="hidden" name="Action" value="Send">
```

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```

<INPUT type="hidden" name="ValidityPeriod" value="86400">

Destination Address: <INPUT name="DestinationAddress"
value="<?php echo
$_GET['DestinationAddress']; ?>">
<br>
Source Address: <INPUT name="SourceAddress" value="<?php
echo
$_GET['SourceAddress']; ?>">
<br>
Message: <TEXTAREA name="Body" rows="5" cols="30"><?php
echo $_GET['Body'];
?></TEXTAREA>
<br>
<INPUT type="Submit" value="Send Message">

</FORM>
<?php print $footer; ?>

```

### Example PHP code for receiving a HTTPMO message

```

<?php
/*
 * This example presumes that the HTTP MO is setup as GET , with
 "mypass" as the auth
 field
 * When a message is received, this example writes the message
 to a file.
 */

if ($_GET['auth']!= 'mypass') die("Unauthorised Request");
$fh=fopen("/tmp/receivedMessages.log", "a");
fwrite($fh, "New Message received.\n");
fwrite($fh, "From: ".$_GET['source']."\n");
fwrite($fh, "To: ".$_GET['dest']."\n");
fwrite($fh, "Message: ".$_GET['msg']."\n");
fwrite($fh, "ID: ".$_GET['id']."\n");
fwrite($fh, "Received: ".$_GET['receivedts']."\n");
fclose($fh);
?>

```

## ASP API Examples

**Note:** All of these examples use the `api_connect()` function (within these examples)

**URL:** <http://beta.fastsms.co.uk/examples.php?language=asp>

### Sending a

### Message with the API

```
<%  
'//Sending a message with the API  
Set ParametersDict = CreateObject("Scripting.Dictionary")  
  
ParametersDict.Add "Action", "Send"  
ParametersDict.Add "DestinationAddress", "447777777777"  
ParametersDict.Add "SourceAddress", "System"  
ParametersDict.Add "Body", "This is a test message"  
ParametersDict.Add "ValidityPeriod", "86400"  
resultCode = api_connect("MyUserName", "MyPassword",  
ParametersDict)  
if resultCode > 0 then  
response.write "Message ID is: " & resultCode  
else  
response.write "An error occured. ID: " & resultCode  
end if  
%>
```

### Checking Your Credit Level

```
<%  
'//Checking Your Credit Level  
Set ParametersDict = CreateObject("Scripting.Dictionary")  
ParametersDict.Add "Action", "CheckCredits"  
resultCode = api_connect("MyUserName", "MyPassword",  
ParametersDict)  
if isNumeric(resultCode) AND resultCode < 0 then  
response.write "An error occured. ID: " & resultCode  
else  
response.write "Current Credit Level: " & resultCode  
end if  
%>
```

## Checking the Status of a Message

```
<%  
'//Checking the Status of a Message  
Set ParametersDict = CreateObject("Scripting.Dictionary")  
ParametersDict.Add "Action", "CheckMessageStatus"  
ParametersDict.Add "MessageID", "0000000001"  
resultCode = api_connect("MyUserName", "MyPassword",  
ParametersDict)  
if isNumeric(resultCode) AND resultCode < 0 then  
response.write "An error occured. ID: " & resultCode  
else  
response.write "Current Status Is: " & resultCode  
end if  
>%
```

## Running a Report

```
<%  
'//Running a Report  
Set ParametersDict = CreateObject("Scripting.Dictionary")  
ParametersDict.Add "Action", "Report"  
'// Possible report types are: Outbox, Messages and Usage  
ParametersDict.Add "ReportType", "Messages"  
'// From and To timestamps are in the format  
YYYYMMDDHHMMSS  
ParametersDict.Add "From", "20090101000000"  
ParametersDict.Add "To", "20090101235959"  
reportBody = api_connect("MyUserName", "MyPassword",  
ParametersDict)  
if isNumeric(reportBody) then  
response.write "An error occured. ID: " & reportBody  
else  
response.write "Report follows:  
  
& reportBody  
end if  
>%
```

## Credit a User (admin only)

```
<%  
'//Creating a User (admin only)  
Set ParametersDict = CreateObject("Scripting.Dictionary")
```

	<pre> ParametersDict.Add "Action", "CreateUser" ParametersDict.Add "ChildUsername", "user023321" ParametersDict.Add "ChildPassword", "securePassword" '// Access Level : Normal or Admin ParametersDict.Add "AccessLevel", "Normal" ParametersDict.Add "Name", "Customer Name" ParametersDict.Add "Email", "customer@emailaddress.com" '// How many credits do we give this user initially? ParametersDict.Add "Credits", "20090101235959" resultCode = api_connect("MyUserName", "MyPassword", ParametersDict) if resultCode &gt; 0 then response.write "User created" else response.write "An error occured. ID: " &amp; resultCode end if %&gt; </pre>
<b>Managing User Credits (admin only)</b>	<pre> &lt;% '//Managing User Credits (admin only) Set ParametersDict = CreateObject("Scripting.Dictionary") ParametersDict.Add "Action", "UpdateCredits" ParametersDict.Add "ChildUsername", "user023321" '// Give the user 10 credits. You can also use -10 '// to remove credits from a user. ParametersDict.Add "Quantity", "10" resultCode = api_connect("MyUserName", "MyPassword", ParametersDict) if resultCode &gt; 0 then response.write "Credits Transferred" else response.write "An error occured. ID: " &amp; resultCode end if %&gt; </pre>
<b>api_connect function</b>	<pre> &lt;% function api_connect(Username, Password, ParametersDict) </pre>

```

url = "http://api.fastsms.co.uk/api/api.php"
'// Create post string
poststring = "Username=" & Username & "&"
poststring = poststring & "Password=" & Password
'// Turn the parameter dictionary object into the variables
items = ParametersDict.Items
keys = ParametersDict.Keys
For i = 0 To UBound(items)
poststring = poststring & "&" & keys(i) & "=" & items(i)
Next
'// POST data over
Set xmlHttp = Server.Createobject("MSXML2.ServerXMLHTTP")
xmlhttp.Open "POST",url,false
xmlhttp.setRequestHeader "Content-Type", "application/x-www-
form-urlencoded"
xmlhttp.send poststring

Response.ContentType = "text/html"

PostResponse = xmlhttp.responseText
api_connect = PostResponse
end function
%>

```

### Example HTML form and ASP code for sending a message

```

<%
'The Example HTML form and ASP code for sending a message
%>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
<HTML>
<HEAD>
<TITLE>Send a Message</TITLE>
</HEAD>
<BODY>
<%
if Request.QueryString("Action") = "Send" then

```



```

%>
<!--#include file="api_connect.asp"-->
<%
'// Verify that the parameters are correct
errorMessage=""

destinationaddress = request.querystring("DestinationAddress")

if Len(destinationaddress) < 1 or IsNumeric(destinationaddress)
= false then
errorMessage = errorMessage & "Invalid Destination
Address<br>"
end if
sourceaddress = request.querystring("SourceAddress")

if Len(request.querystring("SourceAddress")) < 1 or
(isNumeric(request.querystring("SourceAddress"))) = false and
len(sourceaddress) > 11)
or (isNumeric(request.querystring("SourceAddress"))) = false
AND len(sourceaddress) >
20) then
errorMessage = errorMessage & "Invalid Source Address<br>"
end if
body = request.querystring("body")

if len(body) > 160 or len(body) < 1 then
errorMessage = errorMessage & "Invalid Message Body<br>"
end if

if len(errorMessage) = 0 then
'send the thing!

Set ParametersDict = CreateObject("Scripting.Dictionary")

ParametersDict.Add "Action", "Send"
ParametersDict.Add "DestinationAddress", destinationaddress
ParametersDict.Add "SourceAddress", sourceaddress

```

```

ParametersDict.Add "Body", body
ParametersDict.Add "ValidityPeriod", "86400"
resultcode = api_connect("MyUserName", "MyPassword",
ParametersDict)
if resultcode > 0 then
response.write "Thank you, your message has been sent. The
message ID is: " &
resultcode
else
response.write "An error occurred in sending your message. ID: "
& resultcode
end if
else
response.write "An Error Occurred: " & errorMessage
end if
response.write "<hr>"
end if
%>
<!-- A Basic HTML Form for sending a message with the API -->
<FORM
action="http://<%=Request.ServerVariables("HTTP_HOST")%><
%=Request.ServerVaria
bles("URL")%>" method="GET" name="sendForm">
<input type="hidden" name="Action" value="Send">
Destination Address: <INPUT name="DestinationAddress"
value="<%=Request.QueryString("DestinationAddress")%>">
<br>
Source Address: <INPUT name="SourceAddress"
value="<%=Request.QueryString("SourceAddress")%>">
<br>
Message: <TEXTAREA name="Body" rows="5"
cols="30"><%=Request.QueryString("body")%></TEXTAREA>
<br>
<INPUT type="Submit" value="Send Message">
</FORM>
</BODY>
</HTML>

```

## XML API Version 1.0

The XML API allows you to perform various actions such as sending and receiving messages, credit information and contacts.

A valid XML API request consists of an authentication section followed by as many other sections as required in any order. For example, in one API request, you could send one message to three recipients, another message to another recipient, check your inbound messages and add a contact.

The XML Document should be posted uriencoded, with a UTF-8 character set as parameter 'xml' to <http://login.fastsms.co.uk/api/xmlapi.php>

**Note:** Test form & error codes available at <http://beta.fastsms.co.uk/examples.php?language=xmlapi>

### Authentication

Authentication is required for every XML API call. This is also included in all further examples below in order to make them complete examples.

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>
</apirequest>
```

### Example Responses

Possible values for status are: loggedin, rejected, failed. Success Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
<apiresponse>

<userresponse>
```

```
<status>loggedin</status>
<userid>4</userid>
</userresponse>
</apiresponse>
```

Failure Example:

```
<?xml version="1.0" encoding="UTF-8" ?>
<apiresponse>
<userresponse>
<status>rejected</status>
<userid>0</userid>

<error>
<code>-501</code>
<message>Unknown Username/Password</message>
</error>

</userresponse>

</apiresponse>
```

## **Sending a Message**

Note that the "batch" attribute of <sendsms> is not stored in the system, it is simply used as a method in which to differentiate responses.

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>

<sendsms batch="[numeric]">
<source>[alphanumeric]</source>
```

```
<destinations>
<destination ref="[alphanumeric]">[number]</destination>
<contact ref="[alphanumeric]">[ID]</contact>
<list ref="[alphanumeric]">[ID]</list>
<!-- ... (at least one and as many of the above three as required) -->
</destinations>

<message>[alphanumeric]</message>

<!-- Optional parameters -->

<sourceton>[number]</sourceton>

<schedulefor>[time/date]</schedulefor>

<udh>[UDH]</udh>
<dcs>[DCS]</dcs>
<validityperiod>[numeric, seconds]</validityperiod>

</sendsms>
</apirequest>
```

### Example Response

In this example, a message was sent to one number, two contacts and two distribution lists.

Note that when sending to a distribution list, the Number and Message ID for the last message in the list is returned.

```
<?xml version="1.0" encoding="UTF-8" ?>
<apireponse>
<userresponse>
<status>loggedin</status>
<userid>4</userid>

</userresponse>
```

```
<smsresponse batch="1">

<destination number="447777777778" ref="dest1">
<messageid part="1">18003466</messageid>
<status>sent</status>
</destination>

<destination ref="contact1">
<error>
<code>-200</code>
<message> Invalid Contact</message>
</error>
</destination>

<destination number="447777777779" ref="contact2">
<messageid part="1">18003467</messageid>
<messageid part="2">18003468</messageid>
<status>sent</status>
</destination>

<destination ref="list1">
<error>
<code>-408</code>
<message>Distribution List is Empty</message>
</error>
</destination>

<destination number="447777777776" ref="list2">
<messageid part="1">18003469</messageid>
<messageid part="2">18003470 </messageid>
<status>sent</status>
</destination>
</smsresponse>

</apiresponse>
```

## Checking Your Credit Level

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>
<creditcheck />
</apirequest>
```

### Example Response

```
<?xml version="1.0" encoding="UTF-8" ?>
<apiresponse>
<userresponse>
<status>loggedin</status>
<userid>4</userid>
</userresponse>

<creditcheckresponse>173.69</creditcheckresponse>

</apiresponse>
```

## Checking the Status of a Message

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>

<messagestatuscheck>
<messageid>[numeric]</messageid>
<messageid>[numeric]</messageid>
</messagestatuscheck>

</apirequest>
```

## Example Response

Click to see a Status List

These are the standard status messages. Any other status should be treated as failed.

- Unknown Message ID
- Pending
- Sent
- Delivered
- Undeliverable
- Rejected

```
<?xml version="1.0" encoding="UTF-8" ?>
```

```
<apiresponse>
```

```
<userresponse>
```

```
<status>loggedin</status>
```

```
<userid>4</userid>
```

```
</userresponse>
```

```
<messagestatuscheckresponse>
```

```
<message>
```

```
<messageid>2</messageid>
```

```
<status>Unknown Message ID</status>
```

```
</message>
```

```
<message>
```

```
<messageid>18003448</messageid>
```

```
<status>DELIVERED</status>
```

```
</message>
```

```
</messagestatuscheckresponse>
```

```
</apiresponse>
```

## Contacts

It is possible to manipulate the contacts stored in your account. You can retrieve all contacts and/or manipulate specific contacts.

```
<?xml version="1.0"?>
```

```
<apirequest version="1">
```

```
<user>
```

```
<username>[alphanumeric]</username>
```

```
<password>[alphanumeric]</password>
```

```
</user>
```

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```

<contacts>
<!-- optional, to get all contact ids or all contact ids and details -->
<retrieveallcontacts mode="[id|full]" />

<!-- the ref is used to tie the response to the request only, not
stored -->
<contact action="[create|edit|retrieve]" ref="[alphanumeric]">
<contactid>[numeric, only for edit and optional for
retrieve]</contactid>
<name>[alphanumeric, only for create or edit]</name>
<number>[alphanumeric for create or edit, optional for
retrieve]</number>
<email>[alphanumeric, only for create or edit]</email>
</contact>
<contact action="[create|edit|retrieve]" ref="[alphanumeric]">
<contactid>[numeric, only for edit and optional for
retrieve]</contactid>
<name>[alphanumeric, only for create or edit]</name>
<number>[alphanumeric for create or edit, optional for
retrieve]</number>
<email>[alphanumeric, only for create or edit]</email>
</contact>
<!-- ... -->
</contacts>

</apirequest>

```

### Example Response

Status will only ever be Saved. If there was an error saving, then you will see the message inside <error>

```

<?xml version="1.0" encoding="UTF-8" ?>
<apiresponse>
<userresponse>
<status>loggedin</status>
<userid>4</userid>

```

```
</userresponse>

<contactsresponse>

<!-- Response to retrieveallcontacts -->
<contact>
<contactid>49445</contactid>
</contact>
<contact>
<contactid>49455</contactid>
</contact>

<!-- Response to contact actions -->
<contact ref="retr_3453">
<contactid>49450</contactid>
<name>Fred</name>
<number>447777777777</number>
<email></email>
</contact>
<contact ref="new_7547">
<contactid>49472</contactid>
</contact>
<contact ref="change_9374">
<status>Saved</status>
</contact>
<contact ref="change_9375">
<error>One or more fields are invalid</error>
</contact>
</contactsresponse>

</apiresponse>
```

## Get a list of inbound numbers

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>

<getinboundnumbers />

</apirequest>
```

### Example Response

```
<?xml version="1.0" encoding="UTF-8" ?>
<apiresponse>
<userresponse>
<status>loggedin</status>
<userid>4</userid>

</userresponse>

<getinboundnumbersresponse>
<msisdn>
<id>142</id>
<number>447777777777</number>
</msisdn>
<msisdn>
<id>356</id>
<number>447777777778</number>
</msisdn>
</getinboundnumbersresponse>

</apiresponse>
```

## Check for Inbound Messages

Returns all inbound messages since (not including) lastid and the date specified in the from attribute (format: YYYY-MM-DDTHH:MM:SS+/-TZ:TZ example: 2009-05-09T13:23:50+01:00). If no date is specified, the system will look for messages received in the last 7 days.

```
<?xml version="1.0"?>
<apirequest version="1">

<user>
<username>[alphanumeric]</username>
<password>[alphanumeric]</password>
</user>

<inboundcheck lastid="[numeric]" from="[xml date/time]"/>

</apirequest>
```

### Example Response

```
<?xml version="1.0" encoding="UTF-8" ?>
<apireponse>
<userresponse>
<status>loggedin</status>
<userid>4</userid>

</userresponse>

<inboundcheckresponse>
<sms>
<messageid>23464567567</messageid>
<source>447777777777</source>
<destination>447777777778</destination>
<receivedtime>2009-05-09T13:23:50+00:00</receivedtime>
<body>This is an example message</body>
</sms>
<sms>
<messageid>34574574</messageid>
```

**Get the templates  
from the Send  
SMS Page**

```
<source>44777777777</source>  
<destination>447777777778</destination>  
<receivedtime>2009-05-09T13:27:17+00:00</receivedtime>  
<body>This is another example message</body>  
</sms>  
  
</inboundcheckresponse>  
  
</apiresponse>
```

```
<?xml version="1.0"?>  
<apirequest version="1">  
  
<user>  
<username>[alphanumeric]</username>  
<password>[alphanumeric]</password>  
</user>  
<getsmstemplates lastid="[numeric]" />  
  
</apirequest>
```

**Example Response**

```
<?xml version="1.0" encoding="UTF-8" ?>  
<apiresponse>  
<userresponse>  
<status>loggedin</status>  
<userid>4</userid>  
  
</userresponse>  
  
<getsmstemplatesresponse>  
<template>  
<templateid>1192</templateid>  
<name>template 1</name>  
<body>This is an SMS Template</body>  
</template>
```

	<pre> &lt;template&gt; &lt;templateid&gt;1193&lt;/templateid&gt; &lt;name&gt;Renewal Reminder&lt;/name&gt; &lt;body&gt;Dear #Name#, your account is due for renewal in the next 7 days&lt;/body&gt; &lt;/template&gt;  &lt;/getsmstemplatesresponse&gt; &lt;/apiresponse&gt; </pre>
<b>Distribution Lists</b>	<pre> &lt;?xml version="1.0"?&gt; &lt;apirequest version="1"&gt;  &lt;user&gt; &lt;username&gt;[alphanumeric]&lt;/username&gt; &lt;password&gt;[alphanumeric]&lt;/password&gt; &lt;/user&gt;  &lt;distributionlists&gt; &lt;!-- optional, to get all distributionlists (id and title only) --&gt; &lt;retrievealllists /&gt; &lt;!-- // optional to get the details of a specific list --&gt; &lt;getdetails listid="[numeric]" /&gt; &lt;/distributionlists&gt;  &lt;/apirequest&gt; </pre> <p style="text-align: center;"><b>Example Response</b></p> <pre> &lt;?xml version="1.0" encoding="UTF-8" ?&gt; &lt;apiresponse&gt; &lt;userresponse&gt; &lt;status&gt;loggedin&lt;/status&gt; &lt;userid&gt;4&lt;/userid&gt;  &lt;/userresponse&gt;  &lt;distributionlistsresponse&gt; </pre>

```
<!-- response to retrievealllists -->
<distributionlist>
<listid>1693</listid>
<title>Footy Team</title>
</distributionlist>
<distributionlist>
<listid>1692</listid>
<title>My Phones</title>

</distributionlist>

<!-- response to getdetails -->
<distributionlist>
<listid>1692</listid>
<title>My Phones</title>
<mailmerge1>make</mailmerge1>
<mailmerge2>model</mailmerge2>
<entries>
<entry>
<entryid>67602</entryid>
<number>447777777777</number>
<name>Me</name>
<email></email>
<mailmerge1>Nokia</mailmerge1>
<mailmerge2>6820</mailmerge2>
</entry>
<entry>
<entryid>67801</entryid>
<number>447777777778</number>
<name>Me</name>
<email>me@nowhere.com</email>
<mailmerge1>Motorola</mailmerge1>
<mailmerge2>V3</mailmerge2>
</entry>
```

```
<entry>
<entryid>67806</entryid>
<contactid>49455</contactid>
<name>Me as a contact</name>
<email>me@nowhere.com</email>
<mailmerge1>Sony Eriksson</mailmerge1>
<mailmerge2>C905</mailmerge2>
</entry>
</entries>
</distributionlist>
</distributionlistsresponse>

</apiresponse>
```



## What to do next...

- If you don't yet have a FASTSMS account and would like a no obligation trial of the FASTSMS system we will happily give you **10 FREE CREDITS** to start you off.

You can apply online for this free trial by visiting:

[www.FASTSMS.co.uk/information](http://www.FASTSMS.co.uk/information)

If you are ready to open an account now you can do so from as little as **£4.90 for 100 credits** by visiting:

<http://login.fastsms.co.uk/newaccount.php>

Alternatively, contact us for more information:

**Phone:** 0800 954 5305

**Email:** [helpdesk@fastsms.co.uk](mailto:helpdesk@fastsms.co.uk)

**Text:** 07797 800 902

**Fax:** 01527 557 122