

API Documentation

v 3.2

Newsletter2Go

27th November 2014

Changelog

3.1 → 3.2

- Function *retrieve all recipients*: additional optional parameter added

3.0 → 3.1

- Function *retrieve account status* added

2.9 → 3.0

- Function *retrieve group size* added

2.8 → 2.9

- Function *retrieve newsletter* added

2.7 → 2.8

- In function 4.1 *Sending an email*, the parameter *html* is now only optional for being able to send pure text emails.

2.6 → 2.7

- Function *retrieve bounces* added

2.5 → 2.6

- Function *delete group* added
- Function *retrieve all recipients* added

2.4 → 2.5

- Function *create group* added

2.3 → 2.4

- Function *delete recipient from group* added
- Function *retrieve recipient* added

2.2 → 2.3

- Function *empty group* added
- Function *remove all groups from a newsletter* added

2.1 → 2.2

- Function *add group to newsletter* added
- Function *retrieve groups from a newsletter* added
- Function *remove a group from a newsletter*

2.0 → 2.1

- Function *add recipient to group* added

1.9 → 2.0

- Function *retrieve unsubscribes* added

1.8 → 1.9

- Function *delete recipient* added
- Function *create recipient* extended to include Double-Opt-In process

1.7 → 1.8

- Function *create multiple recipients (Batch)* added

1.6 → 1.7

- Parameter *category* is no longer required with emails

1.5 → 1.6

- Function *retrieve credits* added

1.4 → 1.5

- Function *unsubscribe recipients* added

1.3 → 1.4

- Function *send newsletter* added
- Function *add recipient to newsletter* added
- Function *create data field* added
- Function *create newsletter* changed (optional parameter added)
- New status codes added

1.2 → 1.3

- Function *set data field* added
- Function *retrieve newsletter* added
- Function *retrieve web version link* added
- New status codes added

1.1 → 1.2

- Function *retrieve groups* added
- Function *retrieve specific data fields* added
- Function *generate form key* added
- New status codes added

1.0 → 1.1

- Two new optional parameters in the *send email* function (open tracking, link tracking)

0.9 → 1.0

- *category* is a new, required parameter when sending an email
- Function *create newsletter* added
- Function *retrieve statistics* added
- Function *create recipient* added
- New status codes added

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1 General Info

- The Newsletter2Go API helps you to integrate the essential functions of Newsletter2Go into your application.
- The API is based on the REST protocol
- All HTTP calls must be made via POST
- The return values are always given in the format JSON.
- For every HTTP query, all POST parameters must be provided already url-encoded to ensure correct transfer and processing.
- All API queries must be done over SSL protocol (HTTPS). Queries without SSL are not possible.

Parameters

- All parameters must be url-encoded when provided.
- The order of the parameters is unimportant.
- The parameters are case-sensitive.
- The keyword must be given in lower case letters.

2 Return Values

All values returned by the Newsletter2Go API are provided in JSON format (application/json). It is always one JSON object that is returned, which always contains exactly four key-value pairs:

key	value type	value example	description
success	int	0 or 1	1 = success; 0 = fail
value	String or null		Returns a value with requests that yield a result, e.g. a newsletter ID. NB: the result is always a string, even if a number is returned. If no value is returned, this is null.
status	int	200	The status code that defines the response. For explanations regarding status codes see the status codes section.
reason	String	'OK'	A textual representation of the status code.

The JSON object returned might look like this:

```
{
    success : 0,
    value : null,
    status :405,
    reason : "Method Not Allowed , POST Required"
}
```

3 Status Codes

The status codes returned follow the HTTP status codes.

200 'OK'

201 'Created'

400 'Bad Request'

401 'Unauthorized'

402 'Not enough credits'

405 'Method Not Allowed, POST required'

419 'at least 1 param missing'

420 'unknown error'

421 'type has wrong value'

422 "'from" value required'

423 'category has to be "basic" or "plus"'

425 'name is empty'

426 'date has bad value'

427 'date is too big (only one year allowed)'

428 'Newsletter ID has bad value'

429 'at least one email address is not valid'

430 'not allowed to send yet'

431 'no statistics allowed for this newsletter (must be sent or created with api)'

432 'newsletter id does not belong to you or it does not exist'

433 'optional statistics parameter value has to be 0, 1, true, false'

434 'recipient needs email or mobile'

435 'gender has to be m or f'

436 'at least one url is not valid'

437 'group id must be a number and greater than 0'

438 'group does not exist'

439 'data field does not exist'

440 'recipient does not exist'

441 'recipient already exists'

442 'not possible to send newsletter'

443 'newsletter must be draft to add a recipient'

444 'data field already exists'

500 'Internal Server Error'

4 Sending single emails/SMS newsletters

The following functions help you send single emails and or text messages. This is useful for sending transaction emails, for example, or for sending newsletter emails via a loop.

4.1 Sending an email

In order to be able to send emails with the Newsletter API, invoke a POST request from your application via HTTPS protocol to the following URL:

<https://www.newsletter2go.com/en/api/send/email/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under Settings.	abcd1ddb4cc2f85cedasd54fcc4a4db
to	Recipient email address	recipient@example.org
from	Sender email address	youraddress@yourdomain.com
subject	Subject of your email	Your order dated 23.05.2011
text	The text part of the email. If this parameter is not given, a text part is automatically generated from the html part.	Hi friends, ...
html	The complete HTML source code.	<html><body>Hi friends, ...</body></html>

Please note that only one of the parameters - text or html - is necessary.

Optional Parameters

parameter	description	example value	default value
id	This is the id that Newsletter2Go gives your newsletter. You will need it later if you wish to access the report functions by Newsletter2Go over the API.	1453	null
debug	Set to 1 to use the debug mode. In the debug mode you can test your API call without actually sending emails.	1	0
ref	A customised reference ID that you can choose.	January2011	null
date	If you wish to schedule the dispatch of your newsletter for a later time, you need to use a UNIX timestamp. If the timestamp indicates a time in the past, then the value is negative. If it is empty,	1306351118	Current timestamp of the API call.

	the email is sent immediately. If no valid UNIX timestamp is given, the email will not be accepted and the error code 420 will be returned.		
reply	You can enter an alternative reply address. This is the address to which the recipient will send a reply, should they click on 'Reply'.	noreply@example.org	The 'from' address.
linktracking	Turn link tracking on and off. Its default setting is 'on'. If you turn link tracking off, links will not be redirected and therefore links and clicks cannot be registered and presented in the reports.	0	1
opentracking	Turn open tracking on and off. Its default setting is 'on'. If it is turned off, email opens cannot be tracked.	0	1

4.2 Sending an SMS

In order to be able to send an SMS over the Newsletter2Go API, invoke a POST request from your application via HTTPS protocol to the following URL:

<https://www.newsletter2go.com/en/api/send/sms/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
to	Recipient mobile number	00491782568554
from	Sender ID, only required if category = <i>plus</i>	Your name
message	The text of the message. 1530 characters maximum.	Dear Peter, I am delighted that....
category	Category of the text message. Select from <i>basic</i> and <i>plus</i> .	<i>basic</i>

Optional parameters

parameter	description	sample value	default value
from	This is the Sender ID of your SMS. It only applies if you are using the SMS-Plus category. The Sender ID can only be a maximum of 11 alphanumeric or 16 numeric characters long. Tip: refrain from using any sort of special characters, because they are not all displayed perfectly on all mobile handsets.	My company	
id	The newsletter id provided by Newsletter2Go. You will need this later if you wish to use the report functions by Newsletter2Go via the API.	1453	null
ref	A customised reference ID that you can choose.	SMS Offer	Null
date	If you wish to schedule the dispatch of your newsletter for a later time, you need to use a UNIX timestamp. If the timestamp indicates a time in the past, then the value is negative. If it is empty, the email is sent immediately. If no valid UNIX timestamp is given, the email will not be accepted and the error code 420 will be returned.	1306351118	The current time of the the SMS dispatch
debug	Set to 1 to use the debug mode. In the debug mode you can test your API call without actually sending text messages.	1	0

5 Newsletter Management

This section describes functions that you can use to edit your newsletters. You can create newsletters, add recipients to them and then send them. Furthermore, you can retrieve all your newsletter IDs and their respective statistics.

5.1 Creating Newsletters

Here you can create a newsletter object. You can add the content and recipients later, and then send it. To send a newsletter over the Newsletter2Go API, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/create/newsletter/>

Please note that this function only serves to create and return the newsletter ID.

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
name	Name of the newsletter (not the subject).	Newsletter 2011 no. 1
type	The type of newsletter. Either SMS or Email.	SMS
category	The SMS category. Either <i>basic</i> or <i>plus</i> . Only required when type = SMS	Your order dated 23.05.2011

The created newsletter ID will be returned in the value field of the returned JSON object.

Optional parameters

parameter	description	sample value	Default value
subject	Subject of the newsletter	Newsletter no.11	Null
html	The complete HTML source code	<html><body>Hi friends, ...</body></html>	null
text	The text part of the newsletters	Hi friends, ...	Null
sms	The content for an SMS newsletter	Hi friends, ...	null
from	The sender email address of the newsletter	from@yourdomain.com	Null
reply	The reply email address of the newsletter	reply@yourdomain.com	null

reference	A reference value for your internal usage. Max. 128 characters.	ID-47a	null
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5.2 Adding recipients to a newsletter

To add recipients to a newsletter via the Newsletter2Go API, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/set/recipient/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The newsletter ID to which you wish to add a recipient.	456
email	The email address of the recipient	recipient@example.org
mobile	The mobile number of the recipient	123456789

The recipient will be identified either by the attribute *email* or the attribute *mobile*. Only one of these is mandatory. It is not necessary to enter both attributes.

5.3 Adding groups to a newsletter (and also entire address book)

To add a group to a newsletter, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/set/grouptonewsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
nlid	The newsletter ID to which you wish to add a group.	456
groupid	The group that you wish to add to the newsletter. Existing groups can be retrieved with the function 6.7	11587

If you wish to add all recipients in the address book to the newsletter, select the following value for the groupid: -1.

5.4 Retrieving newsletter groups

To retrieve all groups already assigned to a newsletter, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/groupsbynewsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
nlid	The newsletter ID for which you wish to retrieve all assigned groups.	456

5.5 Deleting groups from a newsletter

To delete a group from a newsletter, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/delete/groupfromnewsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
nlid	The ID of the newsletter from which you wish to delete the group.	456
groupid	The group that you wish to delete from the newsletter. Existing groups can be retrieved with the function 6.7	11587

5.6 Deleting all groups from a newsletter

Delete all groups from a newsletter. The groups themselves will not be deleted, merely the relation to the newsletter. Invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/delete/allgroupsfromnewsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
nlid	The ID of the newsletter you wish to send	456

5.7 Sending newsletters

To send a newsletter over the Newsletter2Go API, invoke a POST request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/send/newsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The ID of the newsletter from which you wish to delete all groups.	456

Optional parameters

parameter	description	sample value	default value
date	If you wish to schedule the dispatch of your newsletter for a later time, you need to use a UNIX timestamp. If the timestamp indicates a time in the past, then the value is negative. If it is empty, the email is sent immediately. If no valid UNIX timestamp is given, the email will not be accepted and the error code 420 will be returned. The timestamp may be set at a maximum of 1 year in advance.	1306351118	The current time

This function changes the status of the newsletter to *Send*. This results in the newsletter being sent. Newsletters can only be sent if their current status is *draft* or *api*. Furthermore, a newsletter can only be sent if it has at least one assigned recipient.

5.8 Retrieving statistics

To retrieve statistics pertaining to one newsletter, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/statistics/>

The JSON Object returned contains a second JSON Object in the 'value' field, which contains the statistical values. These values are given as ratios and therefore lie between 0 and 1 (e.g. 0.3 corresponds to 30%). But it is also possible that a value greater than 1 is returned (2 would correspond to 200%, for example). The names of the statistical values correspond to the optional parameters.

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The newsletter ID	3

Only newsletter IDs that belong to your account are permitted.

Optional parameters

Here you can choose which statistical values you wish to retrieve. If you do not enter any parameters, all values will be returned. The selection of statistics is made using a Boolean data type (0,1,true,false), whereby 1 and true indicate that the value should be returned and 0 and false indicate that the value should not be returned.

parameter	description	sample value
recipients	Number of newsletter recipients	0
uniqueOpenRate	Unique open rate	1
openRate	Open rate (includes multiple opens)	True
notOpenRate	Ratio of non-opens to total number of recipients	False
uniqueClickRate	Unique click rate	FALSE
clickRate	click rate (includes multiple clicks)	TRUE
notClickRate	Ratio of number of recipients who did not click to total number of recipients	1
bounceRate	Bounces in ratio to total recipients	1
deliveryRate	Total recipients – bounces (difference)	0

The 'recipients' parameter is the only parameter available for SMS Newsletters.

5.9 Retrieving newsletters

To retrieve all of your newsletters over the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/newsletters/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

This function only requires the API key and delivers an Array that contains the newsletters. These newsletters are objects which contain the following keys: id, state, html and name.

5.10 Retrieving a single newsletter

To retrieve a single newsletter via the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/newsletter/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The newsletter ID of the newsletter that you wish to retrieve.	456

You will obtain the following values: id, name, html and the current status (state) of the newsletter.

Optional parameters

parameter	description	sample value
fields	Enter the information that you would like to obtain. You can choose from id, name, state and html. These can be used in combination, if separated by commas.	id, state

5.11 Retrieving a web version

To retrieve the link to the web version of a newsletter, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/webversionlink/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The ID of the newsletter whose web version you wish to retrieve	456

6 Recipient Management

6.1 Creating recipients

With this function you can add new recipients to your Newsletter2Go address book. This is useful, for example, if you wish to automatically synchronise your shop system with your Newsletter2Go address book.

Important: it is not necessary to create recipients in advance if you are sending single (transaction-) emails or SMS newsletters over the API. To create a single recipient and add it to your address book, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/create/recipient/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
email	Email address of the recipient	recipient@domain.de
mobile	Mobile phone number of the recipient	0123456789

Only one of the parameters - email or mobile - is mandatory. But it is possible to enter both.

Optional Parameters

parameter	description	sample value
lastname	Last name of the recipient	Bloggs
firstname	First name of the recipient	Joe
gender	Gender of the recipient (m or f)	m
doicode	The double-opt-in form code	ae0065fds5gf6625sdffds252
group1	The recipient's group membership	NewsletterReader

group2	Other group memberships	voter
haircolor	Specific/own data fields	Black
shoesize	further data field	12

An unlimited number of groups and data fields can be specified. The keys for groups must start with *group*. These keys must be numbered consecutively. The name of a data field cannot contain the word *group*. Nor may it contain any special characters.

If a recipient is to be created with the double-opt-in process and the recipient shall receive a DOI email, enter the parameter *doicode*. You can obtain this in the frontend by creating a registration form under *Settings*.

Example JSON:

```
{
  "key" : abcd18db4cc2asdcedef654fccc4a4d8 ,
  "email" : "test@example.org" ,
  "firstname" : "joe" ,
  "group1" : "sample masons" ,
  "group2" : "sample tradesmen" ,
  "haircolor" : "Black" ,
  "Rating" : "4" ,
}
```

If data fields do not exist (e.g. hair colour), they will be created. The same is true for groups.

6.2 Deleting recipients

You can use this function to delete single recipients from your Newsletter2Go address book. Invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/delete/recipient/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fccc4a4db
email	Email address of the recipient	recipient@domain.de
mobile	Mobile phone number of the recipient	0123456789

Only one of the parameters - email or mobile - is mandatory. But it is possible to enter both.

If the parameters entered do not yield any recipients, a success message (200) will be returned anyway.

The 'value' property of the message returned will contain the number of deleted recipients. This may also be 0.

6.3 Creating multiple recipients (Batch)

In order to create multiple recipients with an API Request, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/create/recipients/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
recipients	Two-dimensional Array in JSON format, which can contain the same parameters for every recipient as found under 6.1	See below

An example of JSON Input for the parameter *recipients* might look like this:

```
{
  {'email':'test1@example.org','firstname':'Mike','gender':'m'},
  {'email':'test2 @example.org','hair colour':'blond','group1':'myapigroup'},
  {'email':'test3@example.org'}
}
```

Optional Parameters

parameter	description	sample value
id	Newsletter ID. If this parameter is transferred, newly assigned recipients will be added to the newsletter with the transferred ID. The newsletter must still be in <i>draft</i> status.	123456
temporary	1 or 0. If this parameter is transferred with the value 1, all recipients added through this Batch import will be deleted again, after the newsletter with the above ID has been sent. Only possible if used in connection with the previously entered Parameter id.	1

It is heavily advised that you do not add more than 1000 recipients per request. Furthermore, the POST size cannot exceed 20MB, else the Request will be rejected directly by our servers. Already existing recipients are updated automatically.

The returned JSON Object contains the number of newly added recipients in the value property. There are many potential reasons for a recipient not having been added: recipient already exists, email address is invalid or similar.

6.4 Creating data fields

To create a specific data field over the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/create/attribute/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
name	The name of the data field you wish to create.	Hair colour

The data field may only contain characters from a-z, A-Z and 0-9. Other characters will be deleted.

6.5 Setting data fields

To set a data field for a recipient via the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/set/attribute/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
email	The email address of the recipient, to whom the data field should be set.	recipient@domain.de
mobile	The email address to which the data field should be set.	0123456789
attribute	The data field that is to be set.	First name, last name, age
value	The value that the data field should have.	Joe, Bloggs, 28

Default data fields are labelled as follows: *firstname*, *lastname*, *mail*, *mobile*, *gender*. Data fields that are labelled otherwise are regarded as specific data fields. The recipient is identified either by the attribute *email* or by the attribute *mobile*. Only one of these two parameters is mandatory. It is not necessary to specify both.

6.6 Retrieving specific data fields

To retrieve your data fields via the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/attributes/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

This function only requires the API key and returns the data field identifiers and the names.

6.7 Retrieving groups

To retrieve your groups via the Newsletter2Go API, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/groups/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

This function only requires the API key and delivers the group identifiers and the names.

6.8 Unsubscribing recipients

To mark a recipient as *unsubscribed*, which will ensure that they no longer receive newsletters, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/set/unsubscribed/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
email	The email address of the recipient	recipient@example.org
mobile	The mobile phone number of the recipient	00491758652451

Optional parameters

parameter	description	sample value	default value
revert	If this parameter is set, it reverts the unsubscribe state from true to false. NOTICE: this may cause legal consequences.	1	0

The recipient is identified either by the attribute *email* or by the attribute *mobile*. Only one of these two parameters is mandatory. It is not necessary to specify both.

6.9 Retrieving unsubscribed recipients (unsubscribes)

In order to retrieve a list of the email addresses of all unsubscribed recipients, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/unsubscribes/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

The 'value' property returned will contain an array with the email addresses that meet the request.

Optional parameters

parameter	description	sample value
id	The ID of the newsletter from which the recipient unsubscribed.	123456
date_from	UNIX Timestamp. This parameter allows the query to be narrowed to a specific time	1369560496

	frame, if used in conjunction with date_to. If date_to is specified, then so too must be date_from. Date_from must be smaller than date_to.	
date_to	UNIX Timestamp. This parameter allows the query to be narrowed to a specific time frame, if used in conjunction with date_from. If date_to is specified, then so too must be date_from. Date_from must be smaller than date_to.	1369733296

The optional parameters id and date_from/date_to can also be used in conjunction with one another.

6.10 Retrieving bounces

To retrieve a list of all email addresses to which emails could not be delivered, invoke a POST Request via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/hardbounces/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

The 'value' property returned will contain an array with all bounced email addresses.

Optional parameters

parameter	description	sample value
id	The ID of the newsletter which resulted in a bounce.	123456

The request can be limited to a single newsletter by using an optional parameter. This will only return bounces that occurred with that specific newsletter.

6.11 Adding a recipient to a group

Add an existing recipient to an existing group.

<https://www.newsletter2go.com/en/api/set/recipienttogroup/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
email	The email address of the recipient	recipient@example.org
mobile	The mobile phone number of the recipient	00491756584421
groupid	The ID of the group to which the recipient should be added. You can retrieve the IDs of your groups with the Groups function (6.7).	2981

The recipient is identified either by the attribute *email* or by the attribute *mobile*. Only one of these two parameters is mandatory. It is not necessary to specify both. If the recipient already exists in the group, they will not be added again, but 200 will be returned nonetheless.

6.12 Emptying a group

Delete recipients from a group. The recipients themselves are not deleted and therefore remain in the address book.

<https://www.newsletter2go.com/en/api/delete/allrecipientsfromgroup/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
groupid	The ID of the group from which all recipients should be deleted. You can retrieve the IDs of your groups with the Groups function (6.7).	2981

6.13 Deleting a recipient from a group

Remove a recipient from a group. The recipient is not deleted and therefore remains in the address book.

<https://www.newsletter2go.com/en/api/delete/recipientfromgroup/>

Required parameters

parameter	description	sample value
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key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
groupid	The ID of the group from which the recipient should be deleted. You can retrieve the IDs of your groups with the Groups function (6.7).	2981
email	The email address of the recipient	recipient@example.org

6.14 Retrieving recipients

Returns the following information about a particular recipient: email address, mobile number, first name, last name, gender, bounce status, unsubscribe status, groups, specific data fields.

<https://www.newsletter2go.com/en/api/get/recipient/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
email	The email address of the recipient.	recipient@example.org

6.15 Creating a group

Creates a static group with name and description (optional). Dynamic groups cannot be created via the API.

<https://www.newsletter2go.com/en/api/create/group/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
name	The name of the group.	My API group

Two groups with the same name cannot exist. The 'value' property returned contains the ID of the new group.

Optional parameters

parameter	description	sample value
-----------	-------------	--------------

description	Description of the group.	Only for specific contacts
-------------	---------------------------	----------------------------

6.16 Deleting a group

Deletes a group. The recipients in this group are not deleted and remain in the address book.

<https://www.newsletter2go.com/en/api/delete/group/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
groupid	The name of the group that is to be deleted. Existing groups can be retrieved with the function found under 6.7.	11587

6.17 Retrieving all recipients

Returns a list of all active recipients (bounces and unsubscribed recipients are not counted).

The recipient list returned is paginated. The maximum number of recipients per page is 10,000. Every result contains the number of all accessible recipients, the total number of pages and the current page. This makes it easy to iterate over all the pages.

<https://www.newsletter2go.com/en/api/get/recipients/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

Optional parameters

parameter	description	sample value	default value
page	The current page to be returned. The first page has a value of 0.	2	0
recipients_per_page	The number of recipients per page. Minimum is 100; maximum is 10,000.	5000	1000
order_by	The recipient characteristic (data field) that should be used for the sort sequence. The following are possible: id, created, gender, firstname, lastname, mail	created	id
order_type	The sort sequence. The following are possible: ASC, DESC	DESC	ASC

groupid	If you provide a Group ID, then only the recipients found in this group are returned. This only works with static groups.	1543	NULL
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6.18 Retrieving group size

Retrieves the number of valid email recipients (excludes bounced or unsubscribed addresses) of a given group.

<https://www.newsletter2go.com/en/api/get/groupsizes/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db
id	The ID of the group.	43654

7 Account Management

7.1 Retrieving available credits

You can request your current credit status by sending a POST Request via HTTPS Protocol from your application to the following URL:

<https://www.newsletter2go.com/en/api/get/credits/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

The returned JSON Object contains the number of available credits in the 'value' property. The following accounts are differentiated between: 'freemailcount' (1000 free email credits a month), 'emailcount' (prepaid email credits), 'abocount' (subscription package email credits) and 'smscount' (SMS credits). A possible result might look like this:

```
{
  'success' : 1 ,
```

```

    'value ' :
      {
        'freemailcount ' : 985 ,
        'emailcount ' : 158820 ,
        'abocount ' : 0 ,
        'smscount ' : 173 ,
      } ,
    'status ' : 200
    'reason ' : 'OK'
  }

```

7.2 Retrieving account status

Your current account status can be retrieved (whether your account has been activated or not) by sending a POST Request from your application via HTTPS to the following URL:

<https://www.newsletter2go.com/en/api/get/status/>

Required parameters

parameter	description	sample value
key	Your Newsletter2Go API key. You can find this in your account under 'Settings'.	abcd1ddb4cc2f85cedasd54fcc4a4db

The returned JSON Object contains information regarding the account status in the 'value' property. Value = 1 indicates that the account has been activated (and newsletters can therefore be sent); value = 2 indicates that the account has not yet been activated (and newsletters can therefore not yet be sent). A possible result might look like this:

```

{
  'success ' : 1 ,
  'value ' : 1 ,
  'status ' : 200,
  'reason ' : 'OK' ,
}

```