

What it does

You can either use it for any or a combination of these:

1. **Start an opt-in or opt-out process** from any page or site. Add-remove a subscriber remotely.
2. **Trigger a transactional email** by giving the newsletter ID and a recipient email (new since v.5).

How it does it

- The process is silent. The subscriber is not redirected and optionally you can send the “Welcome”, “Please confirm” and “Goodbye” emails.
- Examples: a customer completes an order, a contact form, your old newsletter form, after completing an action (visiting a page, responding to a call etc).
- The api has two variants: xmlhttp, and curl.
- For cross-domain requests you may need to activate some lines in the files *optIn.php* and *optOut.php* and define the external domain. You will see comments at the top of the files. It is about CORS.

Set-up

1. Inside the folder *api/nv_api_subscriber* you will find ready to use examples.
 - i. *processSub_curl.php*. Uses PHP and Curl. Nice to use in PHP pages.
 - ii. *processSub_js.html*. Uses xmlhttp and can be triggered from aspx, php, html and any other page.
2. In both files you must define the *Install_url* and some other parameters that are explained below.
3. Use the example pages for initial testing and when everything works fine copy the code into your own pages.

processSub_js.html

The first step is to define your installation url as shown below.

```
<script language="JavaScript" type="text/javascript">
var Install_url="http://www.yourdomain.com/mailler_dir/";
if (typeof jQuery == 'undefined') {document.write('<script type="text/javascript" src="'+I
document.write('<script type="text/javascript" src="'+Install_url+'admin/scripts/processSu
</script>
</head>
<body>

<!-- ADD THE FOLLOWING <script> BLOCK WHERE YOU WANT TO TRIGGER THE SUBSCRIBER INSERTION OR RE
YOU CAN PASS AS MUCH DATA (ARGUMENTS) AS YOU LIKE. EMAIL IS ALWAYS REQUIRED.
IF YOUR PAGE IS DYNAMIC ENCLOSE THEM WITH TAGS. PHP: <?php echo $customerLastName ?>
EXAMPLES
-->
<script language="javascript" type="text/javascript">
processSub (
  Subscriber = {
    "trigger_newsletter": "19", //Optional, enter ID (or comment to deactivate)
    "trigger_only": "yes", //yes, no. If yes, the optin process will stop and the subs
    "trigger_list_id": "11", //if a value is given then it will use the custom list
    "trigger_delay": 60, //value in seconds, use 0 to send it as soon as possible.
    "email": "net@dodo.eu",
    "url": Install_url,
    "api_action": "remove", //add, remove
    "api_key": "abcdefghijkl",
    "api_send_email": "no",
    "double_optin": 0,
    "opt_out_type": 2, //2: global opt-out, 1: lists opt-out.
    "lists": "47,46",
    "customSubField1": "Jason",
    "customSubField2": "Doe"
    /*Reference name ": "value",*/
    /*repeat the lines for the custom fields as needed by replacing the Reference name */
  }
);
</script>
```

Then copy the whole `<script>` to `</script>` part and add it to your own page preferably within the `<head>` part.

The second part of code that you need is under EXAMPLES, from <script> to </script>.

Adjust your parameters and test it.

processSub_curl.php

Define your installation url.

Copy the whole code into your page, adjust your parameters and test it.

```
/* Specify the url where nuevoMailer is installed.
   Replace http://www.yourdomain.com/mailer_dir/ with your own url & directory. */
$Install_url = "http://www.yourdomain.com/mailer_dir/";

/* Here is the subscriber data to send.
   In order to find the custom fields mapping look in your administration panel
   where you set-up the custom fields. Next to the drop-down menu you see the " Refer

$Subscriber = array(
    "trigger_newsletter"=>"12", //Optional, enter ID (or comment to deactivate)
    "trigger_only"=>"no", //yes, no. If yes, the subscriber will be added later whe
    "trigger_list_id"=>"46", //if a value is given then it will use the custom lis
    "trigger_delay"=>20, //value in seconds, use 0 to send it as soon as possib
    "api_action" => "add", //add, remove
    "api_key" => "abcdefghjkl",
    "api_send_email" => "no",
    "email" => "john@dodo.net",
    "double_optin" => 0,
    "opt_out_type" => 2, //2: global opt-out, 1: lists opt-out.
    "lists" => "50,53,55",
    "customSubField1" => "Jason",
    "customSubField2" => "Doe",
    "customSubField10"=>"Blue||Green"
    /*"Reference name "=> "value",*/
    /*repeat the lines for the custom fields as needed by replacing the Reference name
);
$url = ($Subscriber["api_action"]=="remove")?$Install_url."subscriber/optOut.php":$Ins
/*Make the curl request*/
$request = curl_init($url);
curl_setopt($request, CURLOPT_FRESH_CONNECT, true);
curl_setopt($request, CURLOPT_HEADER, 0);
curl_setopt($request, CURLOPT_POST, 1);
curl_setopt($request, CURLOPT_RETURNTRANSFER, true);
curl_setopt($request, CURLOPT_POSTFIELDS, $Subscriber);
curl_setopt($request, CURLOPT_TIMEOUT, 5);
curl_setopt($request, CURLOPT_FOLLOWLOCATION, 0);
curl_exec($request);
curl_close($request);
?>
```

List of arguments (parameters) you can use

You can use these arguments also for apiV2 / subscriber POST

Argument	Opt-in	Opt-out	Required?
General options			
api_action	add	remove	Always
api_key	Copy it from your admins table.		No. But it is good to have. For apiV2 it is set in the headers as X-Apikey. See file examples.php.
api_send_email	To disable Welcome/Goodbye emails set it to "no".		Defaults to "yes" if omitted and emails will be sent.
double_optin	0: disables double opt-in. -1: enables it.	Non applicable.	No. If omitted your system-wide settings are used.
opt_out_type	Non applicable.	1: Lists opt-out 2: Global opt-out	No. If omitted your system-wide settings are used.
lists	Give the list IDs, separated by commas. "50,53,55, X, Y,Z"		No. But it may be handy to use especially in opt-ins.
Subscriber related			
email	Always required. Everything else is optional.		
Custom fields	<p>To add more subscriber data, go to your "Custom fields" page and see the reference name of a field.</p> <p>For example: if you use customSubField1 for "First Name" you add this line: "customSubField1" => "Jason",</p> <p>Note: multiple values should be passed in this way. Assuming customSubField10 is "My favorite colors". "customSubField10"=>"Blue Green"</p>		
Transactional / trigger emails (new since v.5)			
trigger_newsletter	Optional. Enter the newsletter ID as you see it in your newsletters table. Comment/remove the line if you don't want to trigger a newsletter.		
trigger_only	Can take "yes" or "no". With yes, you are using the api just for the transactional email. With no, the rest of the process continues whether it is		

	an opt-in or opt-out.
trigger_list_id	A list ID. If a value is given then the email is sent with the <i>custom list settings</i> (if defined for this list).
trigger_delay	Enter value in seconds. When to send the email after the action completed. Use 0 and in this case it will be sent with the next cron run.

Further notes

1. You can combine the opt-in/-out process with a trigger newsletter.
2. Or you can use the api only for opt-in or opt-out or just for triggering a newsletter.
3. Do not use the trigger for welcome/goodbye emails since you can do this in other ways, directly from your administration panel.
4. The *api_action* parameter is required when you use the api just for a trigger (no opt-in/-out). Use "add" in this case.

A transactional newsletter example

Send only a newsletter without any further action and without adding this email to your subscribers.

```
Subscriber = {
  "trigger_newsletter": "19",
  "trigger_only": "yes",
  "email": "email@domain.com",
  "url": Install_url,
  "api_action": "add"
}
```