

Imacha®
API MANUAL
ALPHA

Things can change without any notice.

opzsgu.pl

How implement Imacha® on my website ?

Basic usage is very easy and require only to have enabled curl in PHP or ANY OTHER function what allow you to access remote files using http protocoll (80 port).

Following function make requests using curl library.

```
function get_data_imacha($url)
{
    $ch = curl_init();
    $timeout = 5;
    curl_setopt($ch,CURLOPT_URL,$url);
    curl_setopt($ch,CURLOPT_RETURNTRANSFER,1);
    curl_setopt($ch,CURLOPT_CONNECTTIMEOUT,$timeout);
    $data = curl_exec($ch);
    curl_close($ch);
    return $data;
}
```

How get Imacha®?

1) You have generate Imacha random key, on our server.

That key will be used to make all next requests connected with current user (website viewer).

```
$my_random_key= get_data_imacha('http://captcha.opzsgu.pl/api.php?akcja=generuj&api_secret_key=123456');
```

123456 – is your secret key (you will get it from us)

Responses:

When everything work correct, in return you get a random key like:
3213214123

If not (your private key was invalid you get following error)
Bad key

If something else went wrong, probably you get empty string.

2) Display Imacha® to your user:

```
<iframe src="http://captcha.opzsgu.pl/  
api.php?akcja=generuj_ramke&klucz_captachy=3213214123" width="615"  
height="124" frameborder="0">
```

```
    Sorry, you have enable IFrame.  
</iframe>
```

3213214123 - this is your unique, one time use, temporary key, what you get by above request!

Following code will display:



How it works ?

Iframe connect to our server, and download spacial image in form.

All requests are going using our server, your website are not involved in this progress.

3) Your user done **Imacha challenge** and submit your form.

Example form on your website:

```
<form method="POST">
<input type="text" name="xxx">
<input type="submit" value="send">
<input type="hidden" name="test" value="3213214123">
</form>
```

3213214123 - this is your unique, one time use, temporary key, what you get by first request!

Now, user submit this query and you want know, is he really pass ok ?

```
if (!is_null($_POST['test']))
{
    $test=$_POST['test'];
    $testing= get_data_imacha("http://captcha.opzsgu.pl/
api.php?akcja=sprawdz&klucz_captachy=$test&api_secret_key=123456");
}
```

123456 - Your secret key

Responses:

ok - Imacha done succesfull
fail - Imacha done unsuccessfull
Bad key - Invalid private key

```
if ($testing=='ok')
{
    print('Ok, thank you for submit');
}
if ($testing=='fail')
{
    print('Sorry, first complet Imacha');
}
```

Remember, after successfully test, Imacha key is marked as invalid and won't pass test second time!

Completed example

```
<?
function get_data_imacha($url)
{
    $ch = curl_init();
    $timeout = 5;
    curl_setopt($ch,CURLOPT_URL,$url);
    curl_setopt($ch,CURLOPT_RETURNTRANSFER,1);
    curl_setopt($ch,CURLOPT_CONNECTTIMEOUT,$timeout);
    $data = curl_exec($ch);
    curl_close($ch);
    return $data;
}

$klucz_captachy= get_data_imacha('http://captcha.opzsgu.pl/
api.php?akcja=generuj&api_secret_key=1234567');

if (!is_null($_POST['test']))
{
    $test=$_POST['test'];
    $sprawdzam= get_data_imacha("http://captcha.opzsgu.pl/
api.php?akcja=sprawdz&klucz_captachy=$test&api_secret_key=1234567");
}
?>
<iframe src="http://captcha.opzsgu.pl/
api.php?akcja=generuj_ramke&klucz_captachy=<?print($klucz_captachy);?>" width="615"
height="124" frameborder="0">
Twoja przeglądarka nie obsługuje IFrame.
</iframe>

<form method="POST">
<input type="text" name="xxx">
<input type="submit" value="Sent">
<input type="hidden" name="test" value="<?print($klucz_captachy)?>">
</form>

<?
if ($sprawdzam=='fail')
{
    //This will be done if imacha done fail
}
if ($sprawdzam=='ok')
{
    //this will be done id imacha pass
}
?>
```

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