

CaptchaAd with PHP

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So that the integration of CaptchaAd can be made even easier, we`ve arranged all necessary steps right within this guide. With a little programming knowledge, CaptchaAd can be up and running on your website in no time.

Detailed steps toward integrating the module into CaptchaAd

▶ Keys and necessary info

▶ Downloading the files

Unzipping and Uploading

▶ Configuration

▶ Integration into a form

▶ Validating input

Online Integration Guide: <http://www.captchaad.com/captchaad-client>

CaptchaAd Demo: <http://www.captchaad.com/captchaad-client/demo.php>

0. Keys and necessary info

Before you begin integration, make sure you`ve read the information listed below. In general it deals with information regarding CaptchaAd and reCAPTCHA, all available per request. This information is absolutely necessary for the integration of CaptchaAd.

Information regarding CaptchaAd

▶ CAPTCHAAD_API_KEY

▶ Publisher ID

▶ CAPTCHAAD_ZONE_ID

All of this information can be obtained from your representative at CaptchaAd.

The Keys and IDs are used to identify and secure communication between the CaptchaAd on your end and the ad-server CaptchaAd.

Informationen regarding reCAPTCHA

▶ reCAPTCHA public key

▶ reCAPTCHA private key

The reCAPTCHA-keys are available at the reCAPTCHA website.

If you have an account at reCAPTCHA, you can of course use your existing key.

reCAPTCHA is automatically used as a fallback for CaptchaAd in the event that the viewer's browser has disabled JavaScript and Flash. This occurs in approximately 1% of cases.

1. Download the files (x)

The first step is to download the latest version of CaptchaAd files from our website:

▶ <http://www.captchaad.com/startseite/downloads/integrationspakete/php/>

The ZIP file contains all necessary files to integrate CaptchaAd into your website.

2. Unzip and upload (x)

Unzip the file and upload the CaptchaAd directory to your webserver.

3. Configuration (x)

see config.cfg below (or in the configuration file / config.cfg)

Open the configuration directory and edit CaptchaAd config.php file in the folder. This file is the phpMyAdmin configuration file. It must be stored in the top level of the phpMyAdmin directory (not in. / Config / or other sub-folders).

Wichtig: The red-highlighted text entries are examples only. Please replace these with your own personal information (see above "Keys and necessary info").

▶ Line 3: (API key)

Within the second quotation set, enter the API key received from CaptchaAd.

For example:

```
define('CAPTCHAAD_API_KEY', '04a2ed73b1905d1c6ef2a8fc47d9e63a')
```

▶ Line 5: (publisher-id)

Enter the Publisher ID received from CaptchaAd as an integer.

For example:

```
define('CAPTCHAAD_PUBLISHER_ID', 1);
```

▶ Line 7: (path to the data)

Enter the absolute URL for the CaptchaAd directory. This is the location of the CaptchaAd directory on your Webserver.

For example:

```
define('CAPTCHAAD_BASE_URL', 'http://www.captchaad.com/CaptchaAd/');
```

Do not forget the trailing "/".

▶ Line 9: (reCAPTCHA public key)

Enter the reCAPTCHA public key that was given to you upon reception of reCAPTCHA..

For example:

```
define('CAPTCHAAD_3RDPARTY_RECAPTCHA_PUBLIC_KEY',  
'6LdZ9L4SAAAABOzkgiFtq7eFle_kZpGtJKhvxl');
```

- ▶ **Line 11:** (reCAPTCHA private key)
Enter the reCAPTCHA private key that you received via reCAPTCHA.

For example:

```
define('CAPTCHAAD_3RDPARTY_RECAPTCHA_PRIVATE_KEY', '6LdZ9L4SAAAAADQuKnhQpYX-  
HWsMvG4ShghfZOb');
```

- ▶ **Line 13:** (language)
Here, enter the abbreviation for the language as a string that represents the presentation of the contents of CaptchaAd. This affects the language of the question, the answers and the text on the home page.

German (**de**) and English (**en**) are currently available.

For example:

```
define('CAPTCHAAD_LANGUAGE', 'de');
```

- ▶ **Line 15:** (width)
Enter the width of the CaptchaAd as an integer. Default is 300 pixels.

For example:

```
define('CAPTCHAAD_WIDTH', 300);
```

- ▶ **Line 17:** (height)
Enter the height of your CaptchaAd as an integer. Default is 300 pixels.

For example:

```
define('CAPTCHAAD_HEIGHT', 250);
```

Link to reCAPTCHA: <http://www.google.com/recaptcha/whyrecaptcha>

4. Integration into a form

see example.php below

- ▶ **Lines 2 - 10:**
Here CaptchaAd classes will be integrated and called. This should be done before any other efforts are made.
The CaptchaAd class must necessarily be installed in a try-catch block.
- ▶ **Line 15:**
Embedding of required JavaScript. Please integrate **without fail** into the HTML head.
- ▶ **Lines 22 - 27:**
Embedding of the actual CaptchaAd. Enter the CAPTCHAAD_ZONE_ID as an integer. This ID is obtained from CaptchaAd.

For example:

```
echo$CaptchaAd->getHtmlBody(2);
```

5. Testing the CaptchaAd

see [check.php](#) below

This script checks whether the solution of the CaptchaAd was correct or not. The input is compared with the system laid down in the answers. Return values of TRUE or FALSE will be given.

The Individual Scripts in Overview

Configuration

config.inc.php

```

1. <?php if (!defined('CAPTCHAAD_BASE_PATH')) die('No direct access.');
```

```

2.
3.     define('CAPTCHAAD_API_KEY', 'Enter the API key received from CaptchaAd within the quotes.');
```

```

4.
5.     define('CAPTCHAAD_PUBLISHER_ID', Enter the ID received from CaptchaAd Publisher as one integer.);
```

```

6.
7.     define('CAPTCHAAD_BASE_URL', 'Enter the absolute URL for CaptchaAd directory.');
```

```

8.
9.     define('CAPTCHAAD_3RDPARTY_RECAPTCHA_PUBLIC_KEY', 'Enter the reCAPTCHA public key.');
```

```

10.
11.    define('CAPTCHAAD_3RDPARTY_RECAPTCHA_PRIVATE_KEY', 'Enter the reCAPTCHA private key.');
```

```

12.
13.    define('CAPTCHAAD_LANGUAGE', 'en');
```

```

14.
15.    define('CAPTCHAAD_WIDTH', 300);
```

```

16.
17.    define('CAPTCHAAD_HEIGHT', 250);
```

```

18.
19.    /***** From this point on no changes *****/
```

```

20.
21.    define('CAPTCHAAD_3RDPARTY_OPENX_URL', http://master.captchaad.com/www/delivery/spcjs.php?id= . CAPTCHAAD_PUBLISHER_ID);
```

```

22.    define('CAPTCHAAD_HOST', 'server.captchaad.com');
```

```

23.    define('CAPTCHAAD_URL', http://server.captchaad.com/);
```

```

24. ?>
```

Integrating a Form

example.php

```
1. <?php
2.     require'CaptchaAd/CaptchaAd.php';
   // Embedding of the CaptchaAd scripts
3.
4.     try{ // initialize the class CaptchaAd, by necessity in a try-catch block
5.         $CaptchaAd=newCaptchaAd();
6.     }
7.     catch(Exception$error){
   // If something is wrong with the configuration, the fallback variant will be loaded
8.         //echo$error->getMessage();
   // through uncommenting you can output information regarding the problem
9.         $CaptchaAd=newCaptchaAdFallback();
10.    }
11. ?>
12. <!DOCTYPEhtml>
13. <html>
14.     <head>
15.         <?phpecho$CaptchaAd->getHtmlHeader();
   /* Necessarily integrate JavaScript in the HTML head! */ ?>
16.     </head>
17.     <body>
18.
19.         <formmethod="post"action="Check.php">
20.
21.         <?php
22.         try{
23.         echo$CaptchaAd->getHtmlBody(
   /* Enter the CAPTCHAAD_ZONE_ID as an integer */);
24.         }
25.         catch(Exception$error){
26.         //echo$error->getMessage();
27.         }
28.         ?>
29.
30.         <inputtype="submit"name="send"value="Senden">
31.     </form>
32.
33. </body>
34. </html>
```

Testing your CaptchaAd

Check.php

```
1. <?php
2.     require'CaptchaAd/CaptchaAd.php';
3.
4.     try{
5.         $CaptchaAd=newCaptchaAd();
6.     }
7.     catch(Exception$error){
8.         //echo$error->getMessage();
9.         $CaptchaAd=newCaptchaAdFallback();
10.    }
11.
12.
13.    // check if the answer was entered properly (correct TRUE, otherwise FALSE)
14.    if($CaptchaAd->checkAnswer()){
15.        //richtigbeantwortet!
16.    }
17.    else{
18.        //falschbeantwortet!
19.    }
20.
21. ?>
```

FAQ

Network Communications

The main part of the communication network for displaying the CaptchaAd runs client-side.

On the server side, when during a session one of the of the servers is queried by CaptchaAd, the corresponding will be applied to client-server communication. Server-side communications will be directed through the standard HTTP port 80. For the firewall, CAPTCHAAD_HOST can be released through connections to port 80.

Rollback options

Rollback options are generally at the discretion of the publisher.

A simple way to perform a rollback on an integrated CaptchaAd is to give an invalid value (API key, zone ID or publisher ID) in the CaptchaAd call. In such a cases an automatically integrated reCAPTCHA is displayed.

TimeOut-treatment

With HTTP communication the default of 5 seconds will be used.

To set the timeout via the configuration is not a problem and can be implemented without much effort. The timeouts are intercepted as exceptions and have as a result the delivery of reCAPTCHAAs—due to an invalid SessionID.