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# PROCAPTCHERA

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## Read-Me

[IMPORTANT]

Thank you for having time to read this important part of the script “ProCaptchera” .

This script is proudly powered-by and developed by the “ProTLD network” developers and managers.

### READ-ME BENEFITS:

In the read-me document of the “ProCaptchera” script, you will learn how to integrate ProCaptchera with your site, scripts and others.

### 1. INTEGRATION:

You can easily integrate “ProCaptchera” with your scripts, it’s not really hard 😊 Just follow these simple instructions.

*Example of integration:*

1. Copy the contents of the “ProCaptchera” script into your script directory (folder) – the files which should be copied into your script directory (folder) are:
  - /procaptchera.php
  - /functions/formimage.php
  - /functions/image.php
  - /functions/math.php
2. After that, open the PHP file in-where you want to integrate it with “ProCaptchera” (for example: signup.php).
3. Let’s include the main script of “ProCaptchera” with the example (signup.php) – so add this code just after <?php

```
<?php
include('procaptchera.php');
?>
```

4. OK, until now we're fine after including "ProCaptchera" with the example (signup.php).
5. Now, open "procaptchera.php" and:

Find:

```
procaptchera_SelectCaptcha(0, 1);
```

Replace it with:

```
//procaptchera_SelectCaptcha(0, 1);
```

And by this way, we added two / to comment this part of the file.

Also, find:

```
<form method="POST" action="functions/math.php">
```

And replace with:

```
<form method="POST" action="signup.php">
```

And find:

```
<form method="POST" action="functions/formimage.php"
onsubmit="checkForm(this);">
```

And replace with:

```
<form method="POST" action="signup.php" onsubmit="checkForm(this);">
```

We used "signup.php" in the "action" because this is our example.

6. Save "procaptchera.php" .
7. Again, open the example (signup.php) and add this line in the place where you want the Captcha to appear:

```
procaptchera_SelectCaptcha(0, 1);
```

Also, in the PHP code of the "signup.php" add the following:

```
<?php
if(!isset($_POST['captcha'])) {
    echo "[API error]: came from *direct access* while required is
*form_access*";
    die();
}

session_start();
if($_POST['captcha'] != $_SESSION['digit']) {
```

```

        die("Sorry, the CAPTCHA code entered was incorrect!");
    } else {
        echo "Correct Captcha!";
    }
    session_destroy();
?>

```

And:

```

<?php
session_start();

echo "You entered ".htmlentities($_POST['answer'])." which is ";

if ($_SESSION['answer'] == $_POST['answer'] ) {
    echo 'Correct!';
} else {
    echo 'Wrong. We expected ' . $_SESSION['answer'];
}

?>

```

This wasn't hard, right? We just finished the simple integration steps ☺ .

Don't forget to save your file (signup.php as example) after finishing up with everything ;).

## 2. EDITING THE OPERATORS OF THE MATH CAPTCHA

This is very easy too, If you want to make your math captcha to be (for example) – and + only and not \* and / please follow this very simple guide:

1. Open “procapthcha.php” .

As you can see, there's already a simple guide – but some people may not understand it so let's simplify it.

```

/* Operations
Example of adding operations:
elseif( mt_rand(0,1) === 1 ) {
    $math = "$digit1 - $digit2";
    $_SESSION['answer'] = $digit1 - $digit2;
}

--- Or if you're adding the last operation in the code then use this code (example): ---
else {
    $math = "$digit1 / $digit2";
    $_SESSION['answer'] = $digit1 / $digit2;
}

-----

--- Or if the first operation in the code then use this code (example): ---
if( mt_rand(0,1) === 1 ) {
    $math = "$digit1 + $digit2";
    $_SESSION['answer'] = $digit1 + $digit2;
}

```

Means:

The first operation's code in your operations of the script "procapthcha.php" should be:

```
if( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 + $digit2";  
    $_SESSION['answer'] = $digit1 + $digit2;  
}
```

NOTICE: You can find this part of codes in:

```
if( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 + $digit2";  
    $_SESSION['answer'] = $digit1 + $digit2;  
} elseif( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 - $digit2";  
    $_SESSION['answer'] = $digit1 - $digit2;  
} elseif( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 * $digit2";  
    $_SESSION['answer'] = $digit1 * $digit2;  
} else {  
    $math = "$digit1 / $digit2";  
    $_SESSION['answer'] = $digit1 / $digit2;  
}
```

And this above code is already a very simple example, but let's simplify more for the beginners ☺

***Any operators in the center of the operators code should be like:***

```
elseif( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 * $digit2";  
    $_SESSION['answer'] = $digit1 * $digit2;
```

***The last operator of the operators code should be like:***

```
else {  
    $math = "$digit1 / $digit2";  
    $_SESSION['answer'] = $digit1 / $digit2;  
}
```

***The first operator should be like:***

```
if( mt_rand(0,1) === 1 ) {  
    $math = "$digit1 + $digit2";  
    $_SESSION['answer'] = $digit1 + $digit2;  
}
```

If you need support in this guide, please e-mail [support@protld.host](mailto:support@protld.host) .

### 3. CHANGING THE STYLE OF THE IMAGE CAPTCHA

The style of the image captcha is in “/functions/image.php” of the ProCaptchera script.

**EDIT: In the Read-Me file of ProCaptchera v2, we wanted to give you some good examples of changing the style of the image captcha 😊**

#### EXAMPLE 1:

Open “/functions/image.php” of the ProCaptchera script.

And delete all the contents, and paste:

```
<?PHP
// Adapted for The Art of Web: www.the-art-of-web.com
// Please acknowledge use of this code by including this header.

// initialise image with dimensions of 160 x 45 pixels
$image = @imagecreatetruecolor(160, 45) or die("Cannot Initialize new
GD image stream");

// set background and allocate drawing colours
$background = imagecolorallocate($image, 0x66, 0xCC, 0xFF);
imagefill($image, 0, 0, $background);
$linecolor = imagecolorallocate($image, 0x33, 0x99, 0xCC);
$textcolor1 = imagecolorallocate($image, 0x00, 0x00, 0x00);
$textcolor2 = imagecolorallocate($image, 0xFF, 0xFF, 0xFF);

// draw random lines on canvas
for($i=0; $i < 8; $i++) {
    imagesetthickness($image, rand(1,3));
    imageline($image, rand(0,160), 0, rand(0,160), 45, $linecolor);
}

session_start();

// using a mixture of TTF fonts
$fonts = array();
$fonts[] = "ttf-dejavu/DejaVuSerif-Bold.ttf";
$fonts[] = "ttf-dejavu/DejaVuSans-Bold.ttf";
$fonts[] = "ttf-dejavu/DejaVuSansMono-Bold.ttf";

// add random digits to canvas using random black/white colour
$digit = '';
for($x = 10; $x <= 130; $x += 30) {
    $textcolor = (rand() % 2) ? $textcolor1 : $textcolor2;
    $digit .= ($num = rand(0, 9));
    imagefttext($image, 20, rand(-30,30), $x, rand(20, 42),
$textcolor, $fonts[array_rand($fonts)], $num);
}

// record digits in session variable
$_SESSION['digit'] = $digit;
```

```
// display image and clean up
header('Content-type: image/png');
imagepng($image);
imagedestroy($image);
?>
```

So, the result is:



#### 4. REQUIREMENTS OF “PROCAPTCHERA”

“ProCaptchera” must be installed on a server / web hosting with:

- PHP-GD extension
- PHP7.0+ (we recommend PHP7.0.4)

WAIT MORE VERSIONS SO SOON . . .