catswhocode.com

10 super useful PHP snippets

Super simple page caching

When your project isn't based on a CMS or framework, it can be a good idea to implement a simple caching system on your pages. The following code snippet is very simple, but works well for small websites.

```php
01.<?php
02.
03.    $cachefile = 'cached-files/'.date('M-d-Y').'.php';
04.
05.    $cachetime = 18000;
06.
07.    if (file_exists($cachefile) && time() - $cachetime <
filemtime($cachefile)) {
08.    include($cachefile);
09.        exit;
10.    }
11.
12.    ob_start();
13.?>
```

```
14.    <html>

15.        output all your html here.

16.    </html>

17.<?php

18.

19.    $fp = fopen($cachefile, 'w');

20.    fwrite($fp, ob_get_contents());

21.    fclose($fp);

22.

23.    ob_end_flush();

24.?>
```

» Credit: Wes Bos

Calculate distances in PHP

Here is a very handy function, which calculate the distance from a point A to a point B, using latitudes and longitudes. The function can return the distance in miles, kilometers, or nautical miles.

```
01.function distance($lat1, $lon1, $lat2, $lon2, $unit) {

02.

03.  $theta = $lon1 - $lon2;

04.  $dist = sin(deg2rad($lat1)) * sin(deg2rad($lat2)) +
```

```
cos(deg2rad($lat1)) * cos(deg2rad($lat2)) *
cos(deg2rad($theta));

05.   $dist = acos($dist);

06.   $dist = rad2deg($dist);

07.   $miles = $dist * 60 * 1.1515;

08.   $unit = strtoupper($unit);

09.

10.   if ($unit == "K") {

11.      return ($miles * 1.609344);

12.   } else if ($unit == "N") {

13.       return ($miles * 0.8684);

14.    } else {

15.        return $miles;

16.      }

17.}
```

Usage:

```
1.echo distance(32.9697, -96.80322, 29.46786, -98.53506, "k")."
kilometers";
```

» Credits: PHP Snippets.info

Convert seconds to time (years, months, days, hours...)

This useful function will convert a time in seconds to a time in years, months, weeks, days, and so on.

» Credits

Force file download

Some files, such as mp3, are generally played throught the client browser. If you prefer forcing download of such files, this is not a problem: The following code snippet will do that job properly.

» Credit: Alessio Delmonti

Get current weather using Google API

Want to know today's weather? This snippet will let you know, in only 3 lines of code. The only thing you have to do is to replace ADDRESS by the desired adress, on line 1.

» Credit: Ortanotes

Basic PHP whois

Whois services are extremely useful to get basic information about a domain name: owner, creation date, registrar, etc. Using PHP and the `whois` unix command, it is extremely easy to create a basic whois PHP function. Please note that the `whois` unix command must be installed on your server for this code to work.

```
01.$domains = array('home.pl', 'w3c.org');

02.

03.function creation_date($domain) {

04.    $lines = explode("\n", `whois $domain`);
```

```
05.     foreach($lines as $line) {

06.         if(strpos(strtolower($line), 'created') !== false) {

07.             return $line;

08.         }

09.     }

10.

11.     return false;

12.}

13.

14.foreach($domains as $d) {

15.    echo creation_date($d) . "\n";

16.}
```

» Credits: Snipplr

Get latitude and longitude from an adress

With the popularity of the Google Maps API, developers often needs to get the latitude and longitude of a particular place. This very useful function takes an adress as a parameter, and will return an array of data containing both latitude and longitude.

```
01.function getLatLong($address){

02.    if (!is_string($address))die("All Addresses must be
passed as a string");
```

```
04.     $_result = false;

05.     if($_result = file_get_contents($_url)) {

06.         if(strpos($_result,'errortips') > 1 ||
strpos($_result,'Did you mean:') !== false) return false;

07.         preg_match('!center:\s*{lat:\s*(-?\d+\.\d+),lng:\s*
(-?\d+\.\d+)}!U', $_result, $_match);

08.         $_coords['lat'] = $_match[1];

09.         $_coords['long'] = $_match[2];

10.     }

11.     return $_coords;

12.}
```

» Credits: Snipplr

Get domain favicon using PHP and Google

These days, many websites or webapps are using favicons from other websites.
Displaying a favicon on your own site is pretty easy using Google and some PHP.

» Credits: Snipplr

Calculate Paypal fees

Ah, Paypal fees. Every person who ever used the popular online payment service
had to pay their fees. So what about a PHP function to easily calculate the fee for
a specific amount?

```
01.function paypalFees($sub_total, $round_fee) {
```

```
02.

03.

04.    $fee_percent = '3.4';

05.    $fee_cash  = '0.20';

06.

07.

08.    $paypal_fee = ((($sub_total / 100) * $fee_percent) +
$fee_cash);

09.

10.    if ($round_fee == true) {

11.        $paypal_fee = ceil($paypal_fee);

12.    }

13.

14.

15.    $grand_total = ($sub_total + $paypal_fee);

16.

17.

18.    $sub_total = number_format($sub_total, 2, '.', ',');

19.    $paypal_fee = number_format($paypal_fee, 2, '.', ',');
```

```
20.      $grand_total = number_format($grand_total, 2, '.', ',');

21.

22.

23.      return array('grand_total'=>$grand_total,
'paypal_fee'=>$paypal_fee, 'sub_total'=>$sub_total);

24.}
```

» Credits: Snipplr

Save url to PDF

The web is constantly evolving, and for that reason you may want to be able to save some of your favorite pages in PDF format. Several websites allows you to do it, and now here's a simple PHP function to integrate this functionnality into your own site or app.

» Credits: Snipplr