

**Sebrac's CMS  
(MigasCMS)  
Release 1.0  
2008 October**

created just for hobby and for free by Sebrac

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**License: Freeware - GNU GPL**

**W A R N I N G:** The author did all his best in order to write good code, there is a double control to sanitize user's input by browser, but may be he was not good enough, SO PLEASE REMEMBER: Use this cms only for test and hobby purposes you can do any change to make it better!

**NO WARRANTY: ARTICLES 11, 12 GNU-GPL LICENSE**

**USE IT ONLY FOR TEST AND HOBBY PURPOSES**

**REQUERIMENTS:**

MYSql 4/5 database

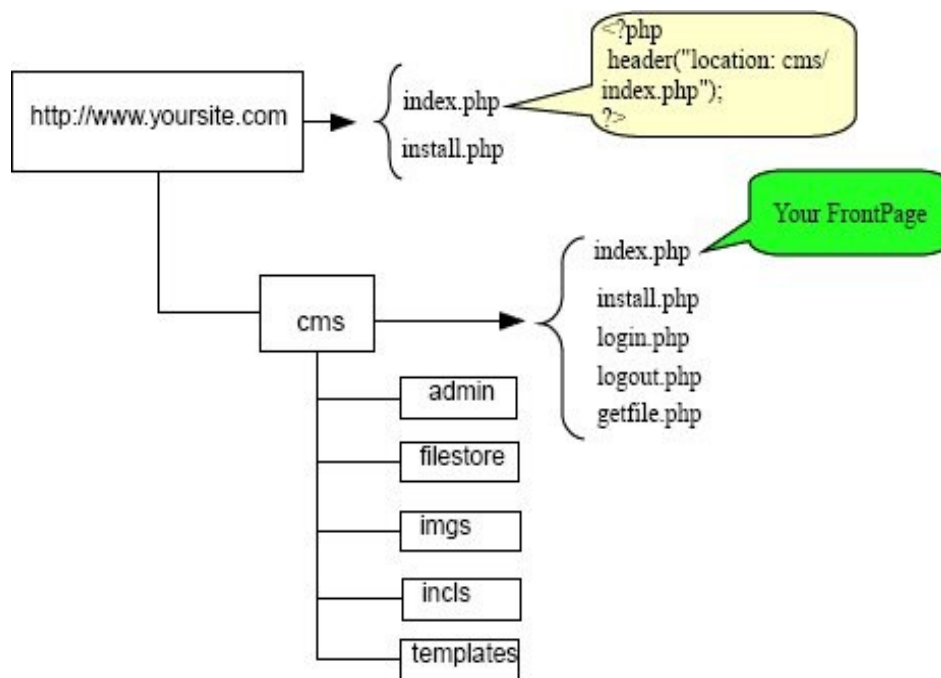
Php 4/5

Optional: phpsendmail o Smtplib mail

## INSTALLATION INSTRUCTIONS

Required: **PHP 4/5 - MySql 4/5**

In a standard configuration by typing: *www.yoursite.com* visitors should go directly to your home page that is situated in */cms* subdirectory:



If you already had more cms on your server you could install my cms in a subdirectory, for example: **myown**, your complete path will be:

<http://www.yoursite.com/myown/cms/index.php>

### Installation on webserver

**First case:** installation as main cms:

Unzip the cms on your server and launch the file: [www.yoursite.com/install.php](http://www.yoursite.com/install.php)

**Second case:** installation as secondary cms:

Unzip the cms in a subdirectory (for example: **myown**) on your server and launch the file: [www.yoursite.com/myown/install.php](http://www.yoursite.com/myown/install.php)

**An installation procedure will start, you should to know:**

- mysql Database name;
- mysql Host name;
- mysql User name;
- mysql User password;
- the name of the subdirectory where cms is.

The setting file **webini.php** will be created in the **/incls** directory, then all the tables will be created in your mysql database, will be created a default category for your post, called “web”, you could add more categories from admin panel.

### Installation on localhost

Procedure will be the same as for the online installation, but you first have to create the database to use with the cms and the mysql user with privileges on it.

### Css Templates

This cms comes with some free css, but you can use your own by changing some lines in you css template or changing the home page: index.php, is just one file!

### Security

Any dynamic site is under risk of sql injection and cross site scripting, to reduce this risk the **first defense is setting magic\_quotes on** in php.ini file.

To check your configuration upload a file named phpinfo.php on your server with these lines:

```
<?php
phpinfo();
?>
```

If values of magic\_quotes\_gpc = off then there is a potential risk!

To fix it, if you don't have access to php.ini file, try to add this line in the **.htaccess** file:

```
php_flag magic_quotes_gpc on
```

Second defens is sanitize any user input, I have write a php function that trims special characters and exit if some malware string is inserted.

If some illegal access start this will be tracked in a log file, search for a file named: chachilog.php on your server.

### Shared files Download Path

During installation process you can assign the name of a directory where all your shared files will be stored.

This directory will be secret, all the visitors don't know its name, so if you want to limitate access only to registered users you can do it.

The files are listed in a table with name, size and clicks count, then the script tracks date, and name of the downloaded files, search for a text file named: *logf-*

*download.php* is stored in your shared directory, visitors can't view it because they don't know the name of the directory.

This part is based on download script by [www.zubrag.com](http://www.zubrag.com), one important feature is that overlinking is a little bit hard for the hackers.

### SMTP class to sending mails

The cms uses php-mailer class, so if you want to use gmail smtp, follow this procedure:

edit the file: *cms/admin/funkmailer.php*

remove double slash comment ( // ) in the line #16:

```
// $mail->SMTPSecure = "ssl";           // sets the prefix to the server
                                     // use it for gmail smtp server
```

then your *cms/incls/webini.php* files should to look like this:

```
# =====
#           SMTP phpmailer configuration
# =====
$smhost = 'smtp.gmail.com';           # HOST -> SMTP servers
$smtpport = '465';                   # SMTP port
$smtpuser = 'yourmail@gmail.com';    # SMTP username
$smupass = 'yourgmailpassword';      # SMTP password
$smtpmail = 'yourmail@gmail.com';    # SMTP mail
$author1 = 'yourname';               # Your name as mailer
$lang = '';
```

Change the red fields with yours owns, now you are ready to send mail from your cool brand new site with gmail smtp setting.

### Search engine

Internal search engine is based on Google custom research, You only have to registrate on this site: [www.google.com/coop/cse/](http://www.google.com/coop/cse/)

Then in the "code" section of google panel search for a script similar to:

```
<form action="http://www.google.com/cse" id="cse-search-box">
  <div>
    <input type="hidden" name="cx" value="012603105409245007967:hi8xwstefzb" />
    <input type="hidden" name="ie" value="ISO-8859-15" />
    <input type="text" name="q" size="31" />
    <input type="submit" name="sa" value="Search" />
  </div>
</form>
<script type="text/javascript" src="http://www.google.com/coop/cse/brand?form=cse-search-box&lang=en"></script>
```

Copy the value of the third line of this script, then login to your cms as Admin and in the

“setting” section paste the value in the search engine code textbox.

### **Dynamic website snap shot preview**

This cms is snap powered, go to <http://www.snap.com/> registrate and get your own code, as well as for google search engine use the code to setting your snap shot feature.

### **Gravatar**

This is the definition of gravatar that appears on <http://en.gravatar.com/>:

*A gravatar, or globally recognized avatar, is quite simply an avatar image that follows you from weblog to weblog appearing beside your name when you comment on gravatar enabled sites. Avatars help identify your posts on web forums, so why not on weblogs?*

Gravatar is implemented on this cms, if your visitors are registered on <http://en.gravatar.com/> then they will see their avatar on your site when leave a comment or a reply to your articles.