
1 Installation of pageLogger

Welcome to the pageLogger installation guide. This guide will help you to install pageLogger on your server – you do not need to have any programming skills to complete the installation. The installation routine is fully automatic and will guide you step by step through the necessary operations.

System requirements

pageLogger is based on the standard technologies PHP and mySQL™. To guarantee flawless operating, a **PHP installation from version 4.1 with installed GD-Lib and PNG support** are required as well as a **MySQL™-database from version 3.23.45**. The more currently the MySQL™-Version is, the faster and more efficiently works pageLogger. For an optimum performance a MySQL™ database up from version 4.0 is recommended. . As servers, Unix™ and Windows™ systems are supported. To guarantee the full feature circumference, the server should be able to execute the `system()` command and must be able to connect to other servers. If this is not the case, the functions *Whois* and *Traceroute* will not work. However, all the other features are available without limitation.

Note 1: Please note that on your server either *the Zend Optimizer* or the *ionCube Loader* must be installed and running. If this should not be the case, a suitable error message with continuing links is given. For the *ionCube Loader* it might be necessary to add an entry in the *php.ini*. For more information about Zend and ioncube, please refer to the corresponding homepages.

Note 2: If installing pageLogger to “localhost”: The “localhost Installation can be performed only once. If that installation is not called by the domain “localhost”, only the functions of pageLogger “demo light” are available.

Classification of the system requirements

For basic features:

- PHP 4.1 or greater with GD Lib and PNG support installed. MySQL 3.23.45 or greater

For the determination of the transfer volume:

- One of the following features must be activated: *allow_url_fopen*, *curl* or the PHP function *fsockopen()*

Use of the internal *traceroute* feature:

- The system command *traceroute* must be allowed

Use of the internal *whois* feature:

- The PHP function *fsockopen()* and outgoing connections on PORT 43 must be allowed

On Windows servers:

- *Ioncube loader* or *Zend-Optimizer* have to be installed. Further details can be found in: http://www.ioncube.com/loader_installation.php

On UNIX servers:

- Dynamic reloading of the *ioncube loader* should work flawlessly, so that no additional installation is necessary. Should it come, on this occasion, nevertheless, to problems, one must either add the loader to the *php.ini* (see http://www.ioncube.com/loader_installation.php) or install the *Zend-Optimizer* and then install the "Zend version" of pageLogger

Browser: pageLogger was tested successfully with the following browsers. pageLogger should work on other browsers, too, but can not be guaranteed.

- IE from Version 5.5
- Safari from Version 1.3 with Java activated
- Camino from Version 0.8.2
- Firefox from Version 1.0
- Mozilla from Version 1.3

Note: Javascript and Cookies must be activated in your browser!

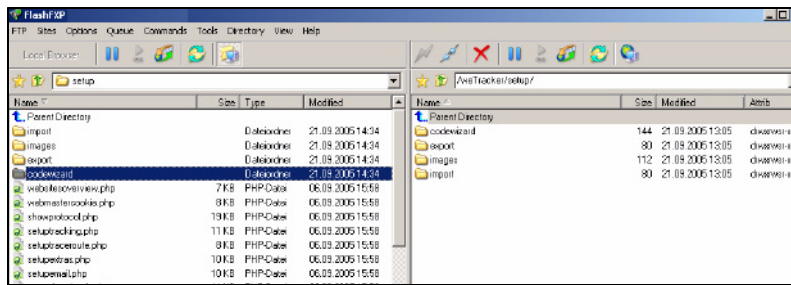
Installation

First of all, the program files have to be transferred to the server on which pageLogger should be installed.

Procedure 1 Transfer program files

- 1 *Start FTP-Software, create directory:* To begin the transmission, start your favourite FTP software (e.g. FlashFXP, Filezilla or similar) and create a directory on your Server, to which pageLogger should be installed. You may choose the name of the directory freely.

Figure 1 FTP-transfer



- 2 **Filetransmission:** After you have created the target directory, you can begin with the transmission of the program files. To do this, copy all files and directories which are located in the unzipped pageLogger directory to your target directory on your server.

Note: Make sure you transfer the files in **Binary** mode! Otherwise, the files may be corrupted. You can set the transfer mode in the preferences of your FTP programme.

- 3 **Change Directory/File permissions:** With some server configurations it is necessary to change the permissions of some directories. This is not necessary if the Apache user is (and thus the PHP user) is the same as the FTP user. This is mostly the case for the larger ISP's where PHP is installed as CGI with suExec. If this applies to you, continue with step 4.

If, on your server, the webserver and therefore PHP runs from another user than the FTP user, you must change the permissions of some directories / files (CHMOD) and set them to **777**. This concerns the following directories / files:

- /archive/export
- /archive/images
- /chart
- /chart/images
- /downloadmanager/export
- /includes
- /includes/robots
- /includes/searchengines
- /install
- /reports/export
- /reports/images
- /setup/codewizard
- /setup/export
- /setup/images
- /setup/import

- 4 **Start installation routine:** Open your browser, call the file `pageLoggerdirectory/install/install.php` and follow the instructions shown on the screen. The installation routine will guide you step by step through the process of installation. Several database tables will be created and the initial settings will be saved to the pageLogger database. Enter here also the user's name desired by you and the password. The user created here will have administrator's rights!

Note 1: If an error should occur: If the installation is only partially successful, pageLogger was not able to import the so called nation-table to the database. This table is seperated in six files in the `/install` directory.

The files carry the names `ip2country [1-6].sql`. They must now be imported manually. To do so, log in to pageLogger and select the menu item `Setup > load Ip-to-Country List`. Select now the first file (`ip2country1.sql`) and click on `Import data`. Repeat that procedure for the other five files (`ip2country[2-6].sql`). Alternatively you can also import a current

CSV-list from <http://ip-to-country.webhosting.info/node/view/6> and import that in pageLogger in just one step.

The CSV-list, as well as the six SQL files, can also be downloaded from the following URLs:

<http://www.webedition.de/downloads/pageLogger/ip2country/ip-to-country.csv.zip> (list as .zip file) or

<http://www.webedition.de/downloads/pageLogger/ip2country/ip-to-country.sql.tar.gz> (all six SQL files as .tar.gz file)

Note 2: Should the import nevertheless fail, the `Load Data` statement might be switched off on your server for security reasons. We are working on a solution for this problem.

- 5 *Finish installation:* After successful installation, you should delete the directory `/install`, thus preventing an unauthorized new installation by a third party.

Note: To exclude potential abuse, you should delete **after successful registration of the product** also the file `enterserial.php` in the pageLogger directory!

Security and search engines

pageLogger and search engines

If you install pageLogger simply in a directory of the same name *pagelogger*, this directory would be found by search engines and be registered if the search engine user searches for *pageLogger*. Because this is not wanted by all users, we recommend to install pageLogger in a "neutrally" named directory; for instance, "stat" or "statistic".

Also, we recommend to include a robots.txt file in the main directory of the web server in which the installation directory of pageLogger is excluded. Moreover you enter please the following in the robots.txt file:

```
# Exclude all Robots
User-agent: *
Disallow: /stat
```

in this case, pageLogger is installed in the directory `stat`.

Secure pageLogger directory by htaccess

To provide the pageLogger directory with `htaccess` password protection and nonetheless being able to count visitors in an unprotected area, please follow these steps:

Procedure 2 Protecting pageLogger directory with htaccess

- 1 Install pageLogger in the protected directory
- 2 Copy the file `scripts/picmodejs.js` to the root directory of your webserver (`DOCUMENT_ROOT`)
- 3 Create a new file named `connector.php` in the root directory (`DOCUMENT_ROOT`) containig the following:

```
<?php
    include( 'pageLoggerDirectory/connector.php' );
?>
```

Replace "**pageLoggerDirectory**" with the name of the directory where pageLogger resides.

- 4 Change the Code-Wizard Standard-Code as follows:

```
<!-- pageLogger Code BEGIN -->
<script type="text/javascript"
src="http://www.YourDomain.de/picmodejs.js"></script>
```

```

<script type="text/javascript">
<!--
_my_stat_write('www.YourWebsite.de', 'http://www.YourDomain.de')
;
//-->
</script>
<noscript>

</noscript>
<!-- pageLogger Code END -->

```

Replace "www.YourDomain.de" with the domain where pageLogger is installed and "www.YourWebsite.de" with the website pageLogger should count.

First steps with pageLogger

As soon as you have installed pageLogger, you can begin tracking your website visitors. Please login with your userdata provided by you in step 4.

Note: Cookies have to be enabled for pageLogger to work properly!

Figure 2 Login Screen

Open the pageLogger directory in your browser now and login with your username and password. The pattern is like this: *www.mydomain.com/pageLogger* (where *pageLogger* is the installation directory).

pageLogger has entered for you automatically the domain on which pageLogger is installed as a website. If you would like to register, nevertheless, another website, you will have to change that from *Websites > Edit Website*. The amount of manageable websites depends on the license acquired by you.

Figure 3 Websites Menü



Example

If your website is *http://www.mydomain.com*, enter *www.mydomain.com* in the data field.

Click *Save changes* to save your settings.

Integrating the logging code into your webpages

You may now begin to integrate the logging code to your webpages. Choose the option *Setup > Codewizard* from the pageLogger menu. On the upper part of the screen you can see the standard logging code (for logging human visitors). Copy the code to your clipboard by pressing (CTRL+C) and paste the code into your webpages (into the HTML-code).

Note 1: The logging code muss be included within the borders of the `<BODY></BODY>` tags – otherwise, pageLogger will not be able to log or track any website visitors.

Note 2: If your website is reachable from different URLs, soma additional code has to be added at two places for pageLogger to be able to correctly track them:

Example

```
<!-- pageLogger Code BEGIN -->
<script language="JavaScript1.2" type="text/javascript"
src="http://www.myDomain1.com/pageLogger/scripts/picmodejs.js
"></script>
<script language="JavaScript1.2" type="text/javascript"><!--
_my_stat_write('www.myDomain1.com','http://www.myDomain1.com/
pageLogger');
--></script>
<noscript>

</noscript>
<!-- pageLogger Code END -->
```

is the code generated by the Code Wizard. Hereby, *www.myDomain1.com* is the websiteregistered by you. If your site can also be reached by *www.myDomain2.com*, the following additions are necessary:

```
<script language="JavaScript1.2" type="text/javascript"><!--
_my_stat_write('www.myDomain1.com',www.myDomain2.com,'http://
www.myDomain1.com/pageLogger');
--></script>
```

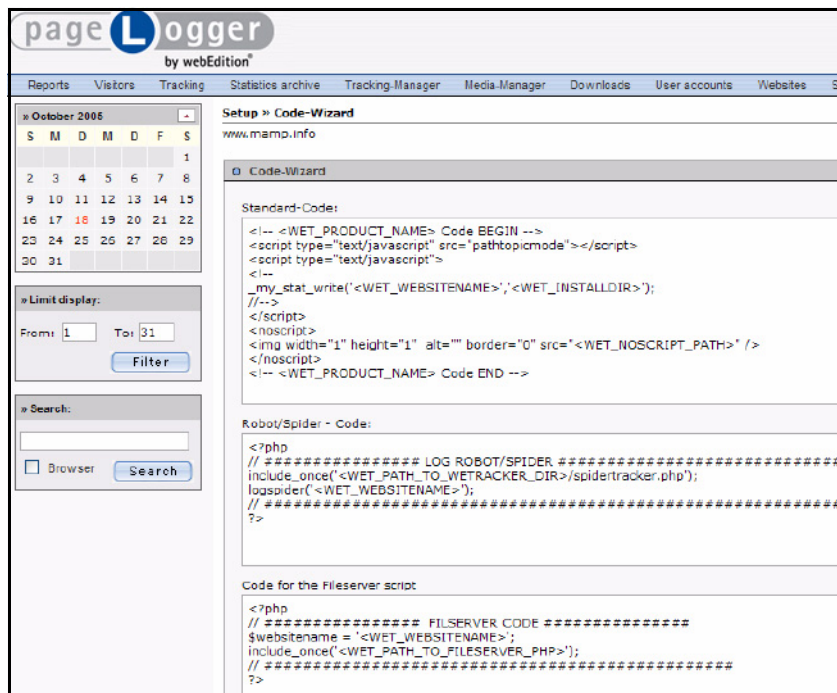
and

```
<noscript>

</noscript>
```

Please note the manner of writing **"%2C"**, which is a url-encoded comma!

Figure 4 Code Wizard



If you would like to log spiders and robots too, you can use the spider-code shown below the standard-logging code. Please read the corresponding chapter in the documentation to learn more about the spider-code. The tracked page has to be a dynamic PHP page for this function to work correctly.

Installation complete: By now you have completed the installation of pageLogger and included the logging code into your webpages – you are all set to log and track your first visitors. The pageLogger documentation will give an insight into the reports that help you analyze the collected visitor data. The documentation resides in the same directory where you find this installation guide.

Note: The integration of pageLogger is even easier for users of the WCMS *webEdition*. Just use the `we:tag <we:page_logger>` to add the tracking functionalities of pageLogger in your webEdition pages! For further information, please refer to the webEdition Tag-reference and the webEdition userguide.

pageLogger Update

With an update, no data gets lost: the database with all data accumulated up to now is preserved.

In order for pageLogger to be able to continue counting your visitors during the update process and no data gets lost, you should install the new version in a directory with another name. Create the directory with your ftp program anew and copy all files of the deflated *pageLogger* directory in the just created directory. The basic procedure corresponds to the approach described in procedure 1.

Call in your browser the file `pageLoggerDirectory/install/install.php` and select "Update". Follow the onscreen instructions.

Because the new version from pageLogger is installed now in another directory, you must edit the standard and Spidercode on your web pages, before you can delete the old directory. Follow the steps given in "Integrating the logging code into your webpages". To use the download function of pageLogger, you also have to adjust the code. Please refer to the manual for more information.

Now you can delete the directory of the version 1.0. Should there be problems with the deletion, it is probably due to the fact that pageLogger written files (charts and export files) were written with web server-rights and you, as FTP user, do not have the correct permissions. In this case the files must be deleted by the web server. You find a script which deals with this for you on our web page under

<http://www.webedition.de/download/pageLogger/deleteTemp.php.zip> . For safety reasons. this script is not usually part of the download package.

Unzip the ZIP-archive and copy the file *deleteTemp.php* into the directory to be deleted. Start the script with your browser: <http://MyDomain.de/DirectoryOfVersion1/deleteTemp.php>

Then you should be able to delete the directory without problems with your FTP program. Should problems still exist, please contact our Support.

Note: Do not forget, after the update, to delete the "install" directory, as well as the file *enterserial.php* which is in the main directory of pageLogger. Delete the file *enterserial.php* please **only after successful registration**