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1. Important information

1.1 Requirements

- PHP 4.3.0+ (5.2.1 recommended)
- MySQL 3.23+ (MySQL 4 or 5 recommended)
- GD 2.x.x or ImageMagick
- PHP configuration:
 - Safe_mode must be turned OFF, otherwise photokorn won't be able to create folders. If you have problems uploading files, then safe_mode is probably turned on. Ask your provider to turn it off or change it yourself in php.ini, if you have access to it.
 - Max. execution time: min 30 sec. (90 sec. or higher recommended)
 - Memory limit: min. 8 MB (40 MB or higher recommended)
 - PHP should be compiled with MySQL, session and GD support
 - Optional: ZLib (gzip)

1.2 Additional language files

If you would like to translate photokorn into another language yourself then do the following. Copy the english.php or german.php file in the languages folder and rename it to the new language name, e.g. french.php. Now open the new file with a text editor and translate all text in double quotes. Do not delete any variables. Additionally, you may do the same with help files and country files (see help and languages folders). Make sure to convert any Umlauts or special characters to HTML entities. If you plan to use UTF-8 encoding, then you must save the language files in UTF-8 format as well. This is possible with Adobe Dreamweaver, but other suitable HTML or text editors may support this as well.

1.3 Thumbnail creation and resizing

In order for automatic thumbnail creation to work, PHP has to be compiled with GD (Graphics Library). Alternatively, you can use ImageMagick, if it's installed on your server. For the automatic creation of thumbnails from videos, you will need to have ffmpeg installed. However, most standard servers will not have ffmpeg installed as standard. If you have root access and know how to administer your server, it should be no problem to install ffmpeg yourself. Remember to adjust the paths to ImageMagick and ffmpeg in the admin centre, if applicable.

1.4 Data protection and shop security

We urge you not to upload any original data, which you plan to sell via the shop system or need to protect 100% from being downloaded. Only upload data with low resolution / size and protect you data additionally by using the watermark function.

If you want to protect your original data as much as is possible, then place a ".htaccess" file in the automatically generated, randomly named folder, where the originally data is kept, for each category of your gallery. A user trying to access an original file will then be asked to enter a username and password before being able to access that file. You may create a .htaccess for a particular category via the admin centre, by clicking on the "edit category" link. If you have a Windows Server running with IIS, you will have to set the permissions for these folders via the server configuration programme.

Please remember, nothing is 100% safe on the Internet. We cannot be held responsible for any financial, material or idealistic loss, due to lack of safety and/or protection in this regard, even though great care was taken when programming.

2. Installation

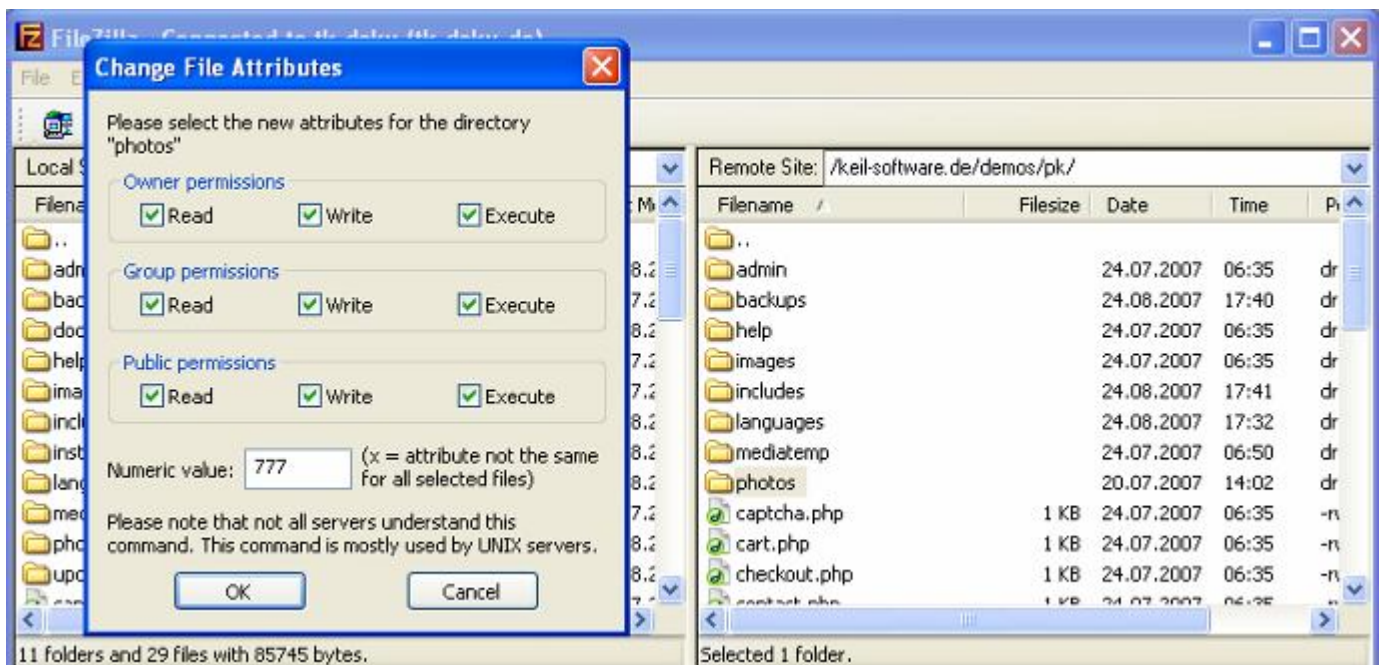
2.1 FTP upload

Upload all subfolders in the folder named "photokorn", except the folder "doc" and "update" to your server with an FTP client of your choice (e.g. FileZilla). Please be careful to upload images in binary mode and PHP or HTML files in ASCII-mode. If your FTP client is configured correctly, then it will chose the correct transfer mode itself.









2.2 Permissions

Windows servers do not support chmod and normally you don't need to set any different of additional permissions. But if you encounter problems, make sure the folders and files below have the correct permissions on your server (e.g. are read- and writeable (See respective IIS or Apache settings).

For UNIX servers: Set the rights for the following files and folders with your FTP client. For example, in WS_FTP mark the file or folder you want to set the permissions for. Now click with the right mouse key on the file. A new dialogue window opens with a list checkboxes for chmod permissions. Check the boxes so that the permissions are set as listed below.



Screenshot 1: Screenshot FileZilla FTP Client, Chmod permissions

 backups	chmod 777	(folder for database backups)
 backups/orders	chmod 777	(folder for backup of orders)
 mediatemp	chmod 777	(streaming files folder)
 photos	chmod 777	(main media folder)
 footer.php	chmod 666	(footer file in main folder)
 header.php	chmod 666	(header file in main folder)
 includes/mysql.inc.php	chmod 666	(mysql login and paths)
 photokorn.css	chmod 666	(style sheet in main folder)

You can download the free open source FTP Client FileZilla for Windows and Linux from <http://sourceforge.net/projects/filezilla/>

Permission table

R = read, W = write, E = execute

chmod	Owner	Group	Other
777	RWE	RWE	RWE
666	RW	RW	RW

2.3 MySQL Database tables

To install photokorn you must have a MySQL database available. If you don't already have access to a MySQL database (please ask your provider) or need to setup an additional database, please do so before continuing with the installation. Photokorn cannot create a database for you. For the installation process you will need to know the database username, password and hostname.

Call up the install script in your browser:

e.g. <http://your.domain.com/photokorn/install.php>

Now enter your database details. The install script will create 10 tables in your database named with the prefix you have defined upon installation.

IMPORTANT: After successful setup, please delete the file install.php from your server! If you have uploaded the folder "update" or "readme" delete these too, as well as the file update.php. If you don't need or are going to use the contents of the "extras" folder, please remove from your server.

2.4 Administration centre login data

The preset login username and password are listed below. You should change these immediately after your first login:

Username: admin

Password: admin

Now go to your photokorn administration area and change your admin username and password. Click on "Configuration" link in the administration menu.

You can access the admin area via: <http://your.domain.com/photokorn/admin/index.php>

2.5 Graphic library settings

In the admin menu click on the link "configuration" and select which GD or ImageMagick version you have installed. The pre-setting is GD 2.x.x. If you wish to use ImageMagick instead and enter the correct root path to where ImageMagick is installed on your server, if the install script did not detect it automatically. If you don't know this path, then ask your provider.

For Unix systems e.g. /usr/bin/local/convert or /usr/bin/convert

For Windows systems e.g. c:/imagemagick/convert.exe

2.6 Media uploads

A test category has been setup for you during installation. You may change the details of this category and/or add further categories or sub categories. To upload an image, click on the link "Upload file" in your admin menu and then upload your images for the selected category. You can setup up as many categories and sub categories as you like.

2.7 Configuration help

A help text with various settings in regard to configuration can be found in the admin centre. The help file is available in English and German language. If you have questions not covered in there you can visit our support forum and ask there.

3. Possible problems

- If you only get a white page after installing or no images are shown, please check that the correct paths have been entered in mysql.inc.php (in includes folder) and correct it manually if necessary!
- If you are experiencing any login problems, please check that your server supports "Sessions"! Activate them in php.ini, if necessary.
- In case you're getting any openbase_dir or safe_mode error messages, then safe_mode is not OFF. You must ask your provider, to switch safe_mode OFF, or change it yourself in php.ini
- If you have any installation problems, please visit our support forum. Please also tell us the path to phpinfo.php on your server so that we may check your PHP configuration.
- If you are getting „memory exhausted“ messages after trying to upload an image, the server or webspace does not have enough memory available to process the image using GD. The amount of memory required to process an image depends on its size, e.g. an image with 800 x 600 Pixel takes approx. 4.8 MB memory to process, an image sized 3000 x 2000 Pixel needs in comparison over 40 MB.