



## XT-CMS INSTALL GUIDE

### Requirements

The cms runs on PHP so the host/server it is intended to be run on should ideally be linux based with PHP 4.3 or above. A fresh install requires approximately 12mb of file space but of course more space is needed for template files, content and images etc.

This guide breaks the installation process down into 4 easy to follow steps as listed below.

1. [Upload Files & Set File Permissions](#)
2. [Upload License File](#)
3. [Login & Configure Settings](#)
4. [Main Index File](#)

There is also a [Troubleshooting section](#) which covers some of the common problems that might arise when installing the cms.

## Step 1: Upload Files & Set File Permissions

After downloading and extracting the cms files on your computer you'll need to use an ftp client to upload the files to your host/server. Or if you have a hosting control panel with a file manager you can also use that to upload your files, although an ftp client is usually better to work with in the long run.

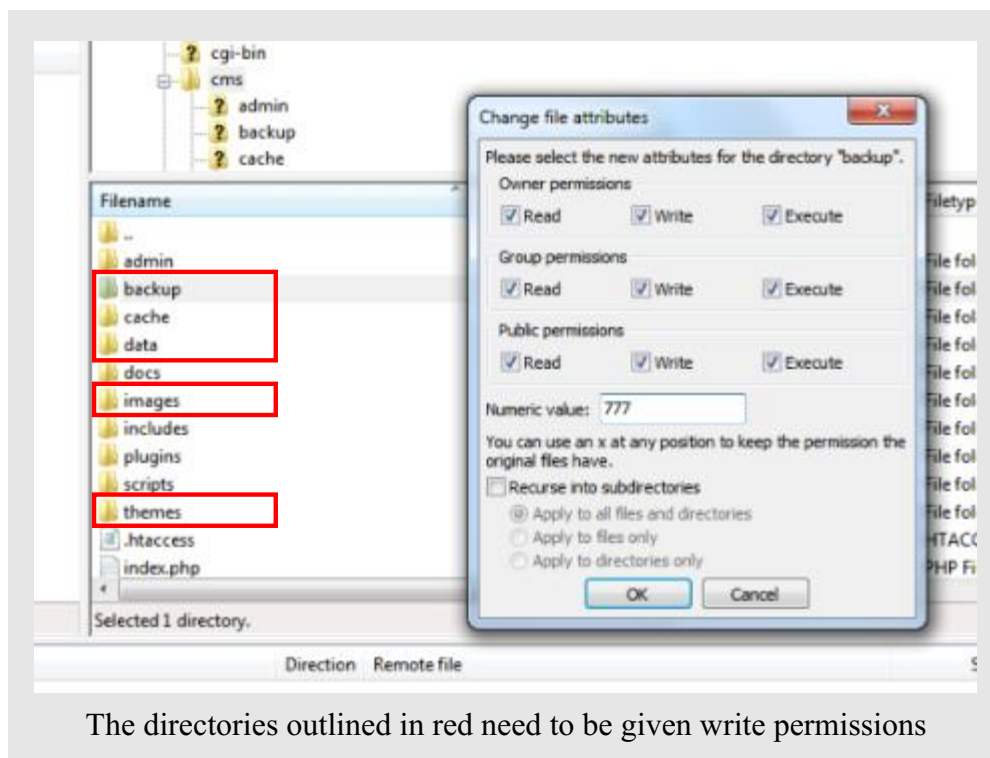
You can upload the cms files straight into the root directory of your website or into a sub directory. The latter is usually recommended as it will keep all the cms files from getting mixed up with other files and folders in your websites root directory.

### Set File Permissions

After uploading is complete, the following directories need to have write access...

backup  
cache  
data  
images  
themes

You can set file permissions using your ftp client or by using a file manager in your hosting control panel. Setting permissions to 777 will work for all cases. If your host/server allows scripts to write files into directories with lower permissions such as 755 or 775 you can choose to set permissions to one of these instead.



The directories outlined in red need to be given write permissions

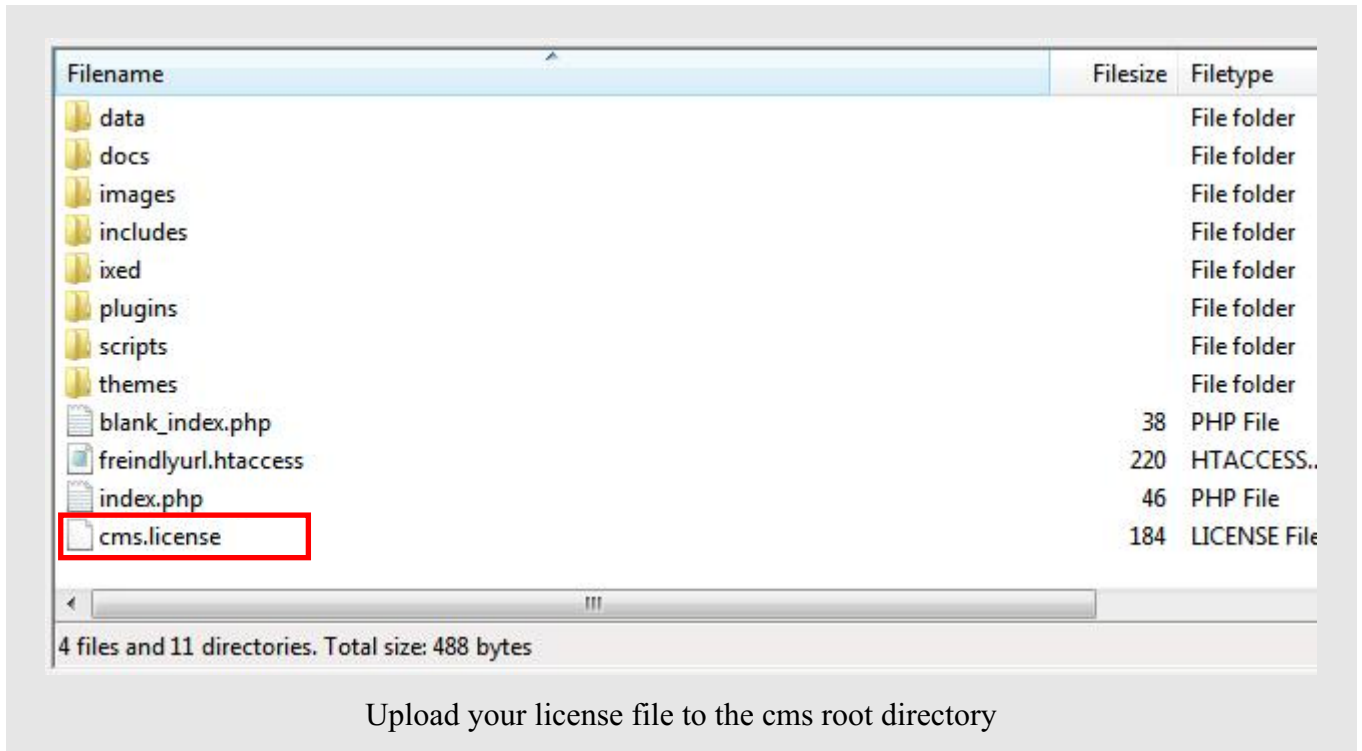


If your ftp client gives an error like “CHMOD command not understood” it may be your website is on a windows based server that doesn’t support the CHMOD command. In this case and if available you should use the file manager in your hosting control panel to change file permissions.

## Step 2: Upload License File

If you are installing the trial version the license file is already included in the download package and you can skip this step.

If you are using the full version you will need to upload your license file into the root directory of the cms.

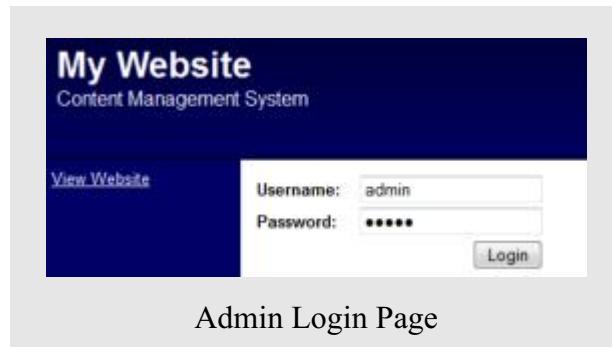


### Step 3: Login & Configure Settings

In your browser go to the admin page for the cms. eg. <http://www.mywebsite.com/cms/admin/>

You should see the admin login page as in the picture. Use the default login details below...

Username: admin  
Password: admin



If you see a SourceGuardian error message when you visit the admin page please read the [troubleshooting section](#) below.

Once logged in use the menu on the left to go to the Configuration page which is under Advanced.

For now you only need to be concerned with the settings under Website Configuration, which are...

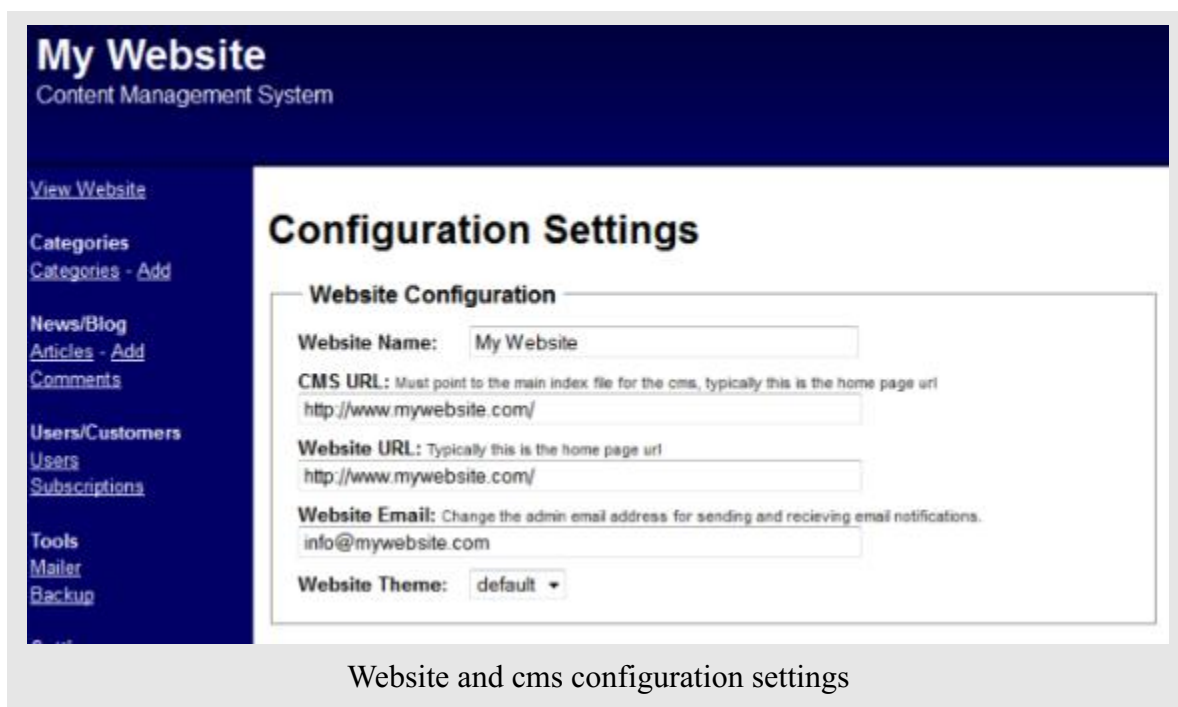
**Website Name:** This can be anything you like, whatever your website is called.

**CMS URL:** This setting is critical for the cms to run correctly, the cms uses this URL when generating file referances and links etc. It must point to the location of the main index file for the cms.

See [step 4: main index file](#)

**Website URL:** The cms uses this URL when referring to your website in emails etc. Typically it should be set to your websites home page eg. <http://www.mywebsite.com/>

**Website Email:** Any emails sent by the cms will come from this email address.



## Step 4: Main Index File

Unlike a static website that has individual html files dedicated to each page, a cms instead dynamically generates and displays all web pages through one main index.php file.

This main index.php file is included in the cms root directory (see screenshot below) and has the following code that points to the cms\_front.php file.

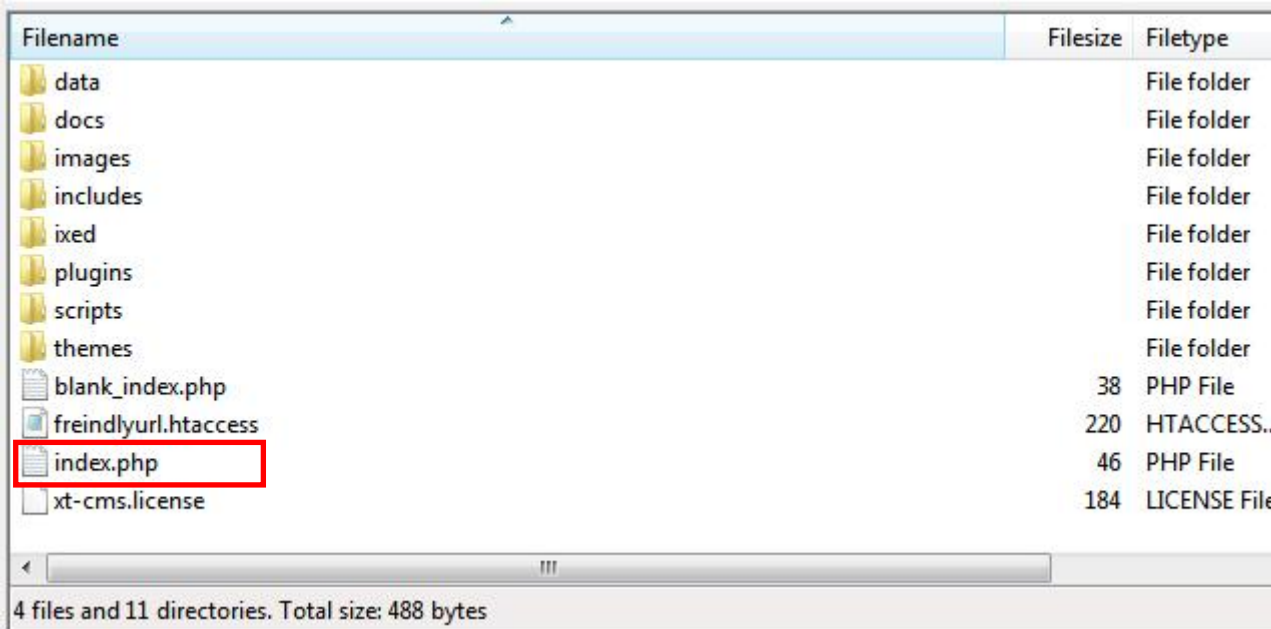
```
<?php require_once("scripts/cms_front.php") ?>
```

If you want to use the cms for all pages on your website including the home page you will need to move this file into the root folder of your website where the home page index file would normally go. Remember that once you move this file to a new location you will also need to update it so that it points correctly to the cms\_front.php file.

For example, if the cms files reside in a directory called cms and you've moved the main index file into your websites root directory you'll need to update the path in the file as so...

```
<?php require_once("cms/scripts/cms_front.php") ?>
```

Another thing to remember is that the CMS URL in your admin configuration settings should always point to where your main index file is located. So given our example, if the CMS URL is <http://www.mywebsite.com/cms/> after install you would need to change it to <http://www.mywebsite.com/>



Filename	Filesize	Filetype
data		File folder
docs		File folder
images		File folder
includes		File folder
ixed		File folder
plugins		File folder
scripts		File folder
themes		File folder
blank_index.php	38	PHP File
freindlyurl.htaccess	220	HTACCESS..
<b>index.php</b>	46	PHP File
xt-cms.license	184	LICENSE File

4 files and 11 directories. Total size: 488 bytes

The main *index.php* file in the cms root directory.



If you move the main index.php file out of the cms root directory you should as a security measure rename *blank\_index.php* to *index.php*

# Troubleshooting

## SourceGuardian warnings on PHP 5.2 and above

In some cases after installing the cms and trying to view the admin page in your browser you might be confronted with a SourceGuardian error message like the one below...

*“PHP script is protected by SourceGuardian and requires the SourceGuardian loader ixed.5.2.lin. The SourceGuardian loader has not been installed, or is not installed correctly. Please find the required loader within SourceGuardian installation directory or visit the SourceGuardian php encoder site to download it.”*

If you are running the cms on a server with php 5.2 or above you will most likely get this message if your host does not have SourceGuardian loaders on their system.

The actual loader file required will depend on the operating system and version of php running on your websites server but in the above error message the required loader file "ixed.5.2.lin" needs to be put into the php extension\_dir. If dynamic loading is enabled which is usually the case then this is all that is required, if it's not enabled the loader will also need to be specified in the php.ini file by adding a line pointing to the file eg. extension=ixed.5.2.lin

If you are on shared hosting and do not have access to the extension\_dir on your server then you will need to contact your host to do this for you. Alternatively you might be able to try switching to a php 4 version. Some hosts allow you to switch from php 5 to php 4 using the control panel or a htaccess file. With php 4 the required loader file is loaded automatically from the cms/ixed directory but with php 5.2 and above it's a little more awkward as it needs to be copied into the php extension\_dir

### Where can I find this loader file?

The cms installation package includes loader files for most linux based setups and can be found in the ixed directory in the cms root directory. You can also download the exact loader file you need by using the SourceGuardian Loader Assistant (see below).

### SourceGuardian Loader Assistant

The best way to solve a SourceGuardian error is to use the loader assistant on their website...

<http://www.sourceguardian.com/loaders/download.php>

You'll need to upload a simple phpinfo.php file to your websites server which will output the php settings of your server. When you give the loader assistant this info it will let you know if it is possible and what is required to get SourceGuardian up and running on your setup and it should also give you a link to download the exact loader file required.

phpinfo.php should have the following code to output the php settings on your server:

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

## **Admin page loads but I'm getting a SourceGuardian error message on the front end?**

This can happen on PHP 4 installs if the loader files are loaded automatically from the cms/ixed directory and you are using a main index file in a directory above the cms directory. If your main index.php file is in your websites root directory eg. public\_html you may need to move or copy the ixed directory out of the cms directory and into the public root directory eg. public\_html

## **Help & Support Links**

**Support Page:** <http://www.xt-cms.com/support/>

**Forum:** <http://forum.xt-cms.com/>