

# XT-CMS

CONTENT MANAGEMENT SYSTEM

## XT-CMS INSTALL GUIDE

### Requirements

XT-CMS runs on PHP so the host/server it is intended to be run on requires a version of PHP 5.x or higher. A fresh install requires approximately 12mb of file space but of course more space is needed for your page template files, content and images etc.

This guide breaks the installation process down into 5 easy steps as listed below.

1. [Upload Files & Set File Permissions](#)
2. [Config File](#)
3. [Admin Login & Configure Settings](#)
4. [Main Index File](#)
5. [Upload License 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. 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 more convenient to work with in the long run.

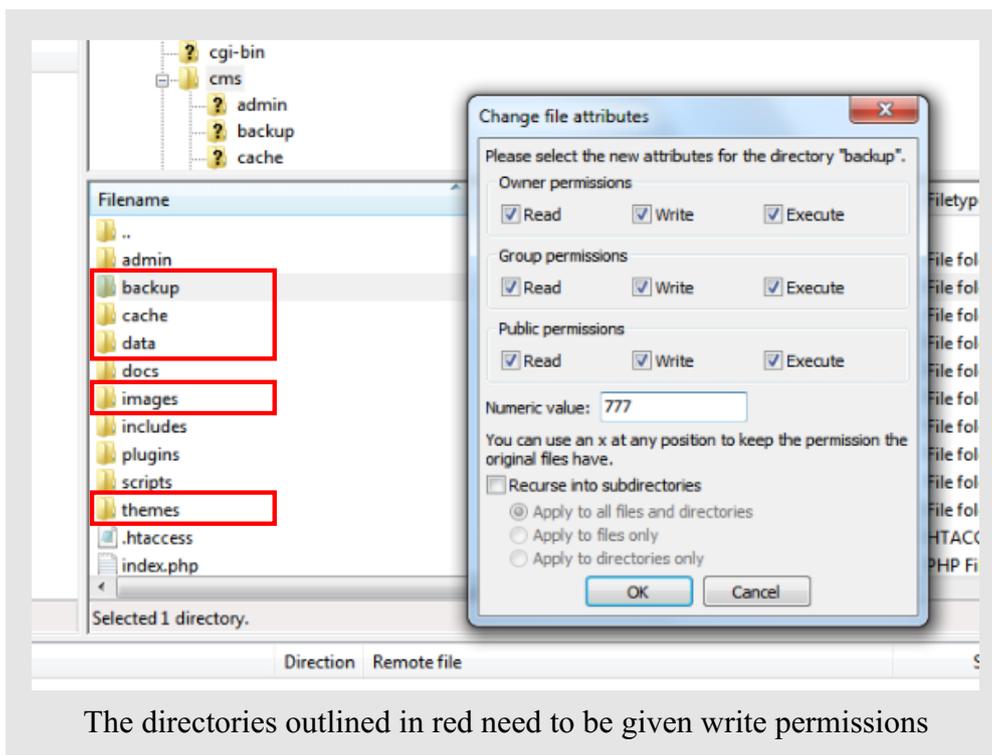
You can upload the CMS files straight into the root directory of your website or into a sub directory. The latter is usually recommended as it will keep all the CMS files from getting mixed up with any other files and folders in your websites root directory.

## 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 can use the file manager in your hosting control panel to change file permissions.

## Step 2: Config File

The CMS config file can be found in the scripts folder: *scripts/config.php*

Here you need to set the **cms\_protocol** setting to either *http://* which is the default setting, or *https://* if you have a secure cert setup on your website. Make sure this is set to match your website before proceeding to the next step.

The *config.php* also allows you to activate friendly urls and other settings. But for now to get up and running we only need to set the **cms\_protocol** setting.

```

// protocol can be changed from http:// to https:// if SSL cert is active on domain
// after changing protocol page templates must be updated and the cache reset under Maintenance in CMS admin
define('cms_protocol','https://');

// the cms tries to auto detect it's root directory and url but you can manually set them here
//define('cms_root_dir','');
//define('cms_root_url','http://www.mysite.com/cms/');

// backup/restore methods
// 0 is recommended method for large backups and runs backups and restores in the background
// 1 is simple backup method that runs a backup/restore immediately, use this only if the other method doesn't work on your server setup
define('cms_backup_method',0);

// max upload limits that will generate an error if exceeded
define("MAX_UPLOAD_IMAGE_DIM",4700); // Max width & height dimension
//define("MAX_UPLOAD_IMAGE_SIZE",2097152); // Max file size, 2097152 = 2MB
define("MAX_UPLOAD_IMAGE_SIZE",9437184); // Max file size, 9437184 = 9MB
define("MAX_UPLOAD_FILE_SIZE",2048000); // Max file size, 2048000 = 2MB
// if uploaded images are bigger than those below a smaller resized version will be saved instead of original
define("MAX_UPLOADED_IMAGE_SIZE_X",960);
define("MAX_UPLOADED_IMAGE_SIZE_Y",700);
define("MAX_UPLOADED_IMAGE_SIZE",512000); // Max file size, 512000 = 500KB

// apply image watermarks - uses theme_dir/images/watermark.png
define("watermark_articles",0);
define("watermark_products",0);
define("watermark_listings",1);
define("watermark_applications",0);

```

The *scripts/config.php* where you can set which protocol is in use on your website



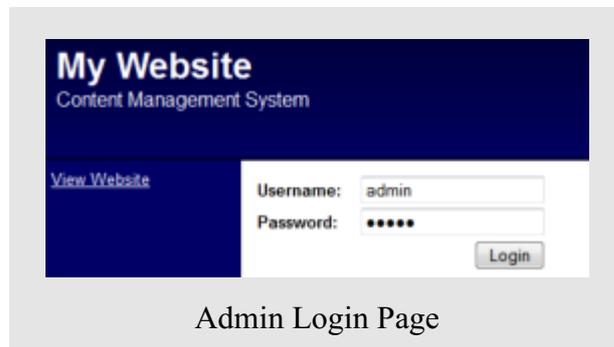
The **cms\_root\_dir** and **cms\_root\_url** settings can also be set manually if the CMS has trouble auto-detecting the correct path and URL for your setup. To set these manually you need to uncomment the line(s) by removing the slashes *//* at the beginning of the line.

### Step 3: Admin 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 an error message or can't login when you visit the admin page please read the [troubleshooting section](#) below.

Once logged in use the menu 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...

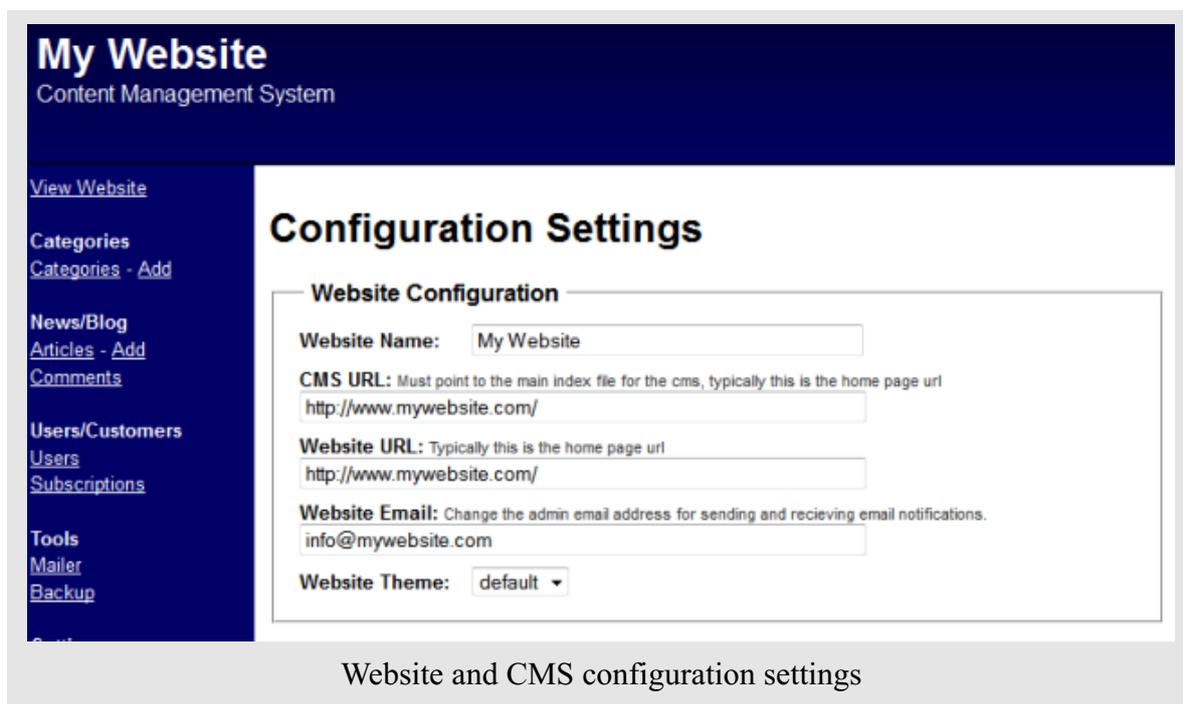
**Website Name:** This can be anything you like, whatever your website is called.

**CMS URL:** This setting is critical for the cms to run correctly, the cms uses this URL when generating file references and links. 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 can be found in the cms root directory (see screenshot below) and has the following code that points to the *cms\_front.php* file.

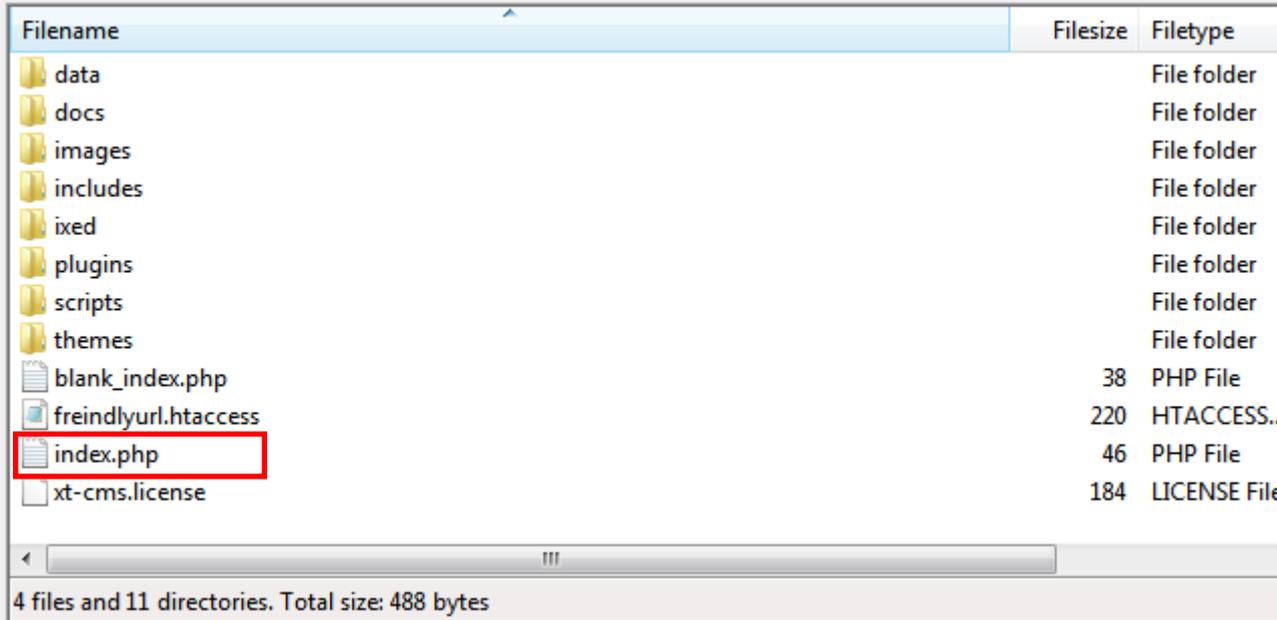
```
<?php require_once("scripts/cms_front.php") ?>
```

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 *scripts/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 initially set to *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

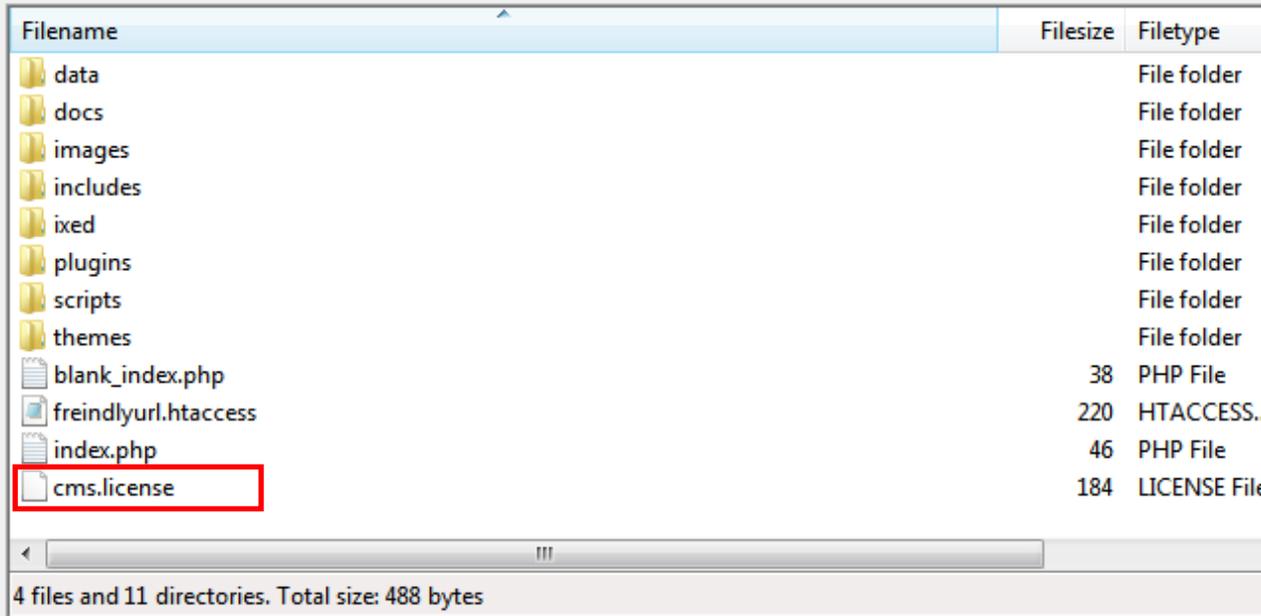
The main *index.php* file in the cms root directory.



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*

## Step 5: Upload License File

By default the CMS includes a license file for the trial version. At any time you can activate your installation to the full version by replacing this file with a license file for your website domain. It is recommended to keep and rename the trial version licence file so you can easily switch back to it should you run into any license file issues.



The screenshot shows a file manager interface with a table of files and folders. The 'cms.license' file is highlighted with a red box. Below the table, a status bar indicates '4 files and 11 directories. Total size: 488 bytes'.

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..
index.php	46	PHP File
cms.license	184	LICENSE File

4 files and 11 directories. Total size: 488 bytes

Upload your license file to the cms root directory

To purchase a license file for the full version of the CMS visit <https://www.xt-cms.com/purchase/>

# Troubleshooting

If you have any difficulty installing or using the CMS please check our support resources below.

## CMS Install Utility

This utility can be used to check if your host/server meets the requirements to run the CMS. The utility will check PHP settings and if there is a compatible ioncube loader installed on the server.

You can download the utility from the website download page <https://www.xt-cms.com/download/>

## Help & Support Links

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

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