MyPage CMS v0.8 Instructions

System Requirements:

• A server with PHP 7+ installed.

Installation instructions:

1. Unzip the installation folder.
2. Upload the contents of the installation folder to your server's root folder (public_html or www) via FTP.
3. Go to www.yourdomain.com/admin and setup your password and secret questions. If the program prompts you to change your server's permissions, please do so. It wants to store your encrypted secret questions and password outside your website's root folder, where no-one can access it via a web browser and a URL.
4. Edit your .htaccess file in your site root to look like the one below this list.
5. Start editing your site at www.yourdomain.com/admin, which is where your admin panel is located.
6. Go to your CMS' Settings panel and fill out all the settings, including your timezone by copying and pasting one of the timezones from the linked webpage (default is Sydney/Australia).
7. Edit your admin_settings.xml document by simply writing the necessary information between the XML tags. This stuff will show up in the 'Site Info' section of the CMS. If you're a web designer, this is a great place to include information about your client's website that they can easily refer to in future on the main page of their CMS.
8. Choose a theme.
9. Optionally: signup for free IPStack and Userstack accounts to enable the free visitor tracking feature. You could also setup visitor tracking by installing

Statcounter code by placing the code in the Code Injection box in your Settings panel.

10. Make sure reCAPTCHA is turned on in admin_settings.xml in your admin folder by writing 'true' (without quotes) between the captcha_enabled tags, so it looks like this: <captcha_enabled>true</captcha_enabled>.

Your .htaccess file should look like this (replace yourdomain.com with your own domain:

```
ErrorDocument 403 /error/403.php
ErrorDocument 404 /error/404.php

RewriteEngine on
RewriteCond %{HTTP_HOST} yourdomaingoeshere\.com [NC]
RewriteCond %{REQUEST_URI} ^/$
RewriteRule ^(.*)$ /pages/$1 [L]

//Prevent viewing of .htaccess file
<Files .htaccess>
order allow,deny
deny from all
</Files>

//Prevent viewing of .xml files
<FilesMatch ".(xml)$">
  order allow,deny
  deny from all
</FilesMatch>

//Prevent directory listings
Options All -Indexes
```

Very Disorganized FAQ:

How do I get help if something goes wrong?

Just email me at www.mypage-cms.com/pages/contact.php. I will try my best to fully support anyone trying out the CMS, free of charge and as swiftly as I possibly can.

Does this CMS have any kind of contact form spam protection?

As of v0.6, yes. The CMS uses reCAPTCHA to prevent bots from using automated tactics to spam your contact form, and it also tries to find spam-related keywords in your emails. If it finds more than three spam-related keywords in the contact form your visitor is trying to send, it will send your mail from spam@www.yourdomain.com rather than mail@www.yourdomain.com. That way, you can set up two different filters for incoming email in your email client (e.g. Gmail). The list of keywords that will trigger the filter can be located and edited in /contact/blocklist.txt.

What's that .htaccess file doing?

1. It makes your browser look for the index.php page inside the /pages/ folder rather than the site root, which is where it and the rest of your pages actually are, without actually making /pages/ your site root so you can still access yourdomain.com/admin. Without this .htaccess entry, your site will not work and will be vulnerable to directory traversal attacks.
2. It prevents the .htaccess file and all XML files from being viewed from someone who types the URL into their browser, enhancing security.
3. It also prevents the server from showing a file explorer when it can't find an index page, further enhancing security.

How are my passwords and secret questions stored?

They're stored outside your server, in the folder that contains your public_html or www directories (your site root). Secret questions are stored in an XML and your password is stored in a .php file. Everything is encrypted so that, if someone does get their hands on those files somehow, the passwords and question answers will still be useless to them.

Wait. My passwords are going to be stored in what amounts to plaintext files? Shouldn't they be stored in a database?

I decided against forcing users to install and setup a MySQL database for convenience and portability reasons. Text files actually are a database. It's bad practice to save passwords in unencrypted plaintext (as opposed to cyphertext). Storing passwords in text files as long as they're encrypted and in an external inaccessible location is fine.

How to backup my data?

Just download the entire contents of your website to a folder on your computer. That's not particularly space-efficient, but it'll do the job. I'll try to include a one-click backup and restore feature in version 2 or 3 of the CMS.

Who do I kill if something goes wrong and I lose all my data?

Jeff. He's probably had it coming for a long time. In all seriousness, though, this is beta software. Use it at your own risk. I can't imagine you'd ever lose data while using the software, but, if you're really paranoid, backup your pages and blog posts as you go. Make sure you hit Save before leaving the Editor and Blog sections. Download your entire root directory and back it up offline. Making sure that all of your pages and blog posts are always backed up and are available to restore was a primary consideration when I was designing the CMS, and I'm reasonably confident that your stuff will be okay.

That's a cool tracking script you got there. Can I get a standalone version for my own site?

That's coming soon. Keep checking www.mypage-cms.com.

Who is MyPage CMS for?

Someone who wants a Squarespace-caliber website for a fraction of the cost, and who isn't deterred by the prospect of buying hosting, setting up a domain, and doing a little bit of setup work.

What can I do legally with the CMS?

The CMS is open source software. I haven't yet decided on an official license type for it, but, I'll say here that I give my permission for anyone to do anything except sell the CMS itself as a standalone product.

How can I develop my MyPage CMS website offline?

By downloading a program that creates a virtual server on your computer. I use AMPPS for Mac but there are others. After enabling PHP in AMPPS, you could then access your MyPage CMS website by visiting this address in your web browser: localhost/admin. Turn off reCAPTCHA in admin_settings.xml by writing 'false' (no quotes) between the <captcha_enabled> tags to get in. Ensure you turn it back on to prevent brute-force hacking attacks and spam before you deploy!

What's to prevent a hacker from trying to access setup.php to change my password and secret question answers?

When you finish the setup process (after you create your password and secret questions), a file called setup_complete.php will be placed in your admin folder. If someone tries to access the setup.php page again and the page detects that this file is present in the admin folder, it will kill the setup scripts. This means that, unless

the hacker has server access to delete setup_complete.php, your passwords and secret questions can't be changed via this method.

Can I install the CMS to a subdirectory on my server?

Subdirectory installations will be a major feature of version 2 or 3.

Can I legally use the images and fonts included with MyPage CMS on my website?

All backgrounds and fonts have been verified as free for commercial use. Contact me for further information if you have questions about the licenses.

What do I need to do to create a custom theme?

Each theme consists of two parts: 1) A folder stored in /themes containing background images and a theme-specific CSS file, and 2) A screenshot of the theme stored in admin/theme_thumbs which has the exact name of the theme folder before the file extension. The Settings page will use the name of the thumbnail to tell the CMS which theme to load when clicked, so cylon.jpg will make the website load /themes/cylon/. To make a new theme, just copy this structure. Making a new theme can be as easy as changing the background image and some colors. Most of the CSS is in the core.css file, so you won't have to deal with too much complexity for individual themes.

I've forgotten my passwords and the answers to my secret questions. How can I access my CMS?

Just delete setup_complete.php on your server via your FTP program and visit www.yourdomain.com/admin. This will allow you to rerun the password/security questions setup screen.

Can you create a custom theme for me?

If I'm in a good mood. Email me via the contact page at www.mypage-cms.com with your specifications and I'll see what I can do, but no promises.

How do I report a bug?

Please report any bugs you find via the contact page at www.mypage-cms.com.

How does the tracking feature work?

The tracking feature captures the IP and user agent of all visitors to your website. It does this via PHP, a server-side scripting language, meaning that it can't be blocked via any means I know. The tracking script then gets useful information about these pieces of data by talking to the Userstack and IPStack APIs, and sends them to a plaintext database which can be viewed the CMS' Tracking panel. The script will execute before the client can do anything, making the whole thing is essentially a server-log on steroids. If you feel this method of visitor tracking is too invasive, it can be disabled by simply deleting your Userstack and IPStack credentials in the Settings panel.

Why is the tracking script written in object-oriented style when the rest is procedural? Were you drunk?

Probably, but I also feel that programming OOP-style is much more appropriate for programs that are more about data than action.

Why is the tracking script kind of a mess, with stuff like variables getting declared inside the entire class instead of just inside its method?

This was my first attempt at a serious OOP script. Give me a break. Jeez. I'll fix it.

Why isn't my website tracking visitors?

Your Userstack and IPStack keys may not have been entered correctly in the settings panel. Please make sure both keys have been entered correctly and the tracker should work again.

I made a MyPage CMS theme and I want to share it publicly. How do I do that?

Email it to me and I may decide to put it up on a Downloads page. I'd love to see anything you come up with!

Why aren't I receiving emails from my website's contact form?

The email might be entered incorrectly in the settings panel. If you still have trouble, contact me at www.mypage-cms.com.

How does the code injection feature work?

Code will be saved into a code.php file stored in the admin folder, and will be inserted into the footer of all of your website's pages. You can thus easily include JavaScript, PHP, HTML, or CSS on every page of your website.

Does this CMS support eCommerce functionality?

Yes, but only through the use of a third-party service such as e-Junkie. An integrated eCommerce solution will be the focus of a future version of MyPage CMS, and it will probably use Stripe.

Why is the JavaScript console giving by an ERR_BLOCKED_BY_CLIENT error when I try to view a day of tracking data?

You're probably using a web browser like Brave which blocks trackers. Some browsers block trackers by blocking any scripts that have the word 'tracker' in them. As MyPage CMS is viewed by the browser as just another website, it will try

to block scripts loaded via JavaScript/AJAX if tracking blockers aren't turned off. This results in intermittent hilarity.