

```

#
# Apache/PHP/Emoncms settings
#

# Set the default handler.
DirectoryIndex index.php

# Various rewrite rules.
<IfModule mod_rewrite.c>
    RewriteEngine on

    # Rewrite URLs of the form 'x' to the form 'index.php?q=x'.
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    # Skip rewrites for known files, folders and 4xx/5xx errors so we know if something is
    # wrong
    RewriteCond %{REQUEST_URI} !=/favicon.ico
    RewriteCond %{REQUEST_URI} !=/robots.txt
    RewriteCond %{REQUEST_URI} !^/?docs.*$
    RewriteCond %{REQUEST_URI} !^/?Lib.*$
    RewriteCond %{REQUEST_URI} !^/?Modules.*$
    RewriteCond %{REQUEST_URI} !^/?scripts.*$
    RewriteCond %{REQUEST_URI} !^/?Theme.*$
    RewriteCond %{ENV:REDIRECT_STATUS} !=[45]0[0-9]
    RewriteRule ^(.*)$ index.php?q=$1 [L,QSA]
</IfModule>

# -----
# The following are taken from html5 boilerplate
# url: https://github.com/h5bp/html5-boilerplate/blob/master/.htaccess
# -----

# -----
# | Proper MIME types for all files |
# -----

<IfModule mod_mime.c>

    # Audio
    AddType audio/mp4                m4a f4a f4b
    AddType audio/ogg                 oga ogaogg

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AddType audio/ogg oga ogg opus

# Data interchange
AddType application/json json map
AddType application/ld+json jsonld

# JavaScript
# Normalize to standard type.
# http://tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript js

# Video
AddType video/mp4 f4v f4p m4v mp4
AddType video/ogg ogv
AddType video/webm webm
AddType video/x-flv flv

# Web fonts
AddType application/font-woff woff
AddType application/vnd.ms-fontobject eot

# Browsers usually ignore the font MIME types and simply sniff the bytes
# to figure out the font type.
# http://mimesniff.spec.whatwg.org/#matching-a-font-type-pattern

# Chrome however, shows a warning if any other MIME types are used for
# the following fonts.

AddType application/x-font-ttf ttc ttf
AddType font/opentype otf

# Make SVGZ fonts work on the iPad.
# https://twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml svgz
AddEncoding gzip svgz

# Other
AddType application/octet-stream safariextz
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-web-app-manifest+json webapp

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```
AddType application/x-xpinstall xpi
AddType application/xml atom rdf rss xml
AddType image/webp webp
AddType image/x-icon cur
AddType text/cache-manifest appcache manifest
AddType text/vtt vtt
AddType text/x-component htc
AddType text/x-vcard vcf
```

```
</IfModule>
```

```
# -----
# | UTF-8 encoding |
# -----
```

```
# Use UTF-8 encoding for anything served as `text/html` or `text/plain`.
```

```
AddDefaultCharset utf-8
```

```
# Force UTF-8 for certain file formats.
```

```
<IfModule mod_mime.c>
```

```
    AddCharset utf-8 .atom .css .js .json .jsonld .rss .vtt .webapp .xml
```

```
</IfModule>
```

```
# -----
# | Compression |
# -----
```

```
<IfModule mod_deflate.c>
```

```
# Force compression for mangled headers.
```

```
# http://developer.yahoo.com/blogs/ymn/posts/2010/12/pushing-beyond-gzipping
```

```
<IfModule mod_setenvif.c>
```

```
    <IfModule mod_headers.c>
```

```
        SetEnvIfNoCase ^(\Accept-EncodXng|X-cept-Encoding|X(15)|^(15)|-(15))$
```

```
        ^((gzip|deflate)\s*,?\s*)+([X"]){4,13}$ HAVE_Accept-Encoding
```

```
        RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
```

```
    </IfModule>
```

```
</IfModule>
```

```
# Compress all output labeled with one of the following MIME-types
```

```
# (for Apache versions below 2.3.7, you don't need to enable `mod_filter`
```

*# and can remove the `<IfModule mod_filter.c>` and `</IfModule>` lines
as `AddOutputFilterByType` is still in the core directives).*

```
<IfModule mod_filter.c>
    AddOutputFilterByType DEFLATE application/atom+xml \
                           application/javascript \
                           application/json \
                           application/ld+json \
                           application/rss+xml \
                           application/vnd.ms-fontobject \
                           application/x-font-ttf \
                           application/x-web-app-manifest+json \
                           application/xhtml+xml \
                           application/xml \
                           font/opentype \
                           image/svg+xml \
                           image/x-icon \
                           text/css \
                           text/html \
                           text/plain \
                           text/x-component \
                           text/xml

</IfModule>
```

```
</IfModule>
```

```
# -----
# | File access |
# -----
```

*# Block access to directories without a default document.
You should leave the following uncommented, as you shouldn't allow anyone to
surf through every directory on your server (which may includes rather private
places such as the CMS' s directories).*

```
<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>
```

```
# -----
```

Block access to hidden files and directories.

```
# This includes directories used by version control systems such as Git and SVN.
```

```
<IfModule mod_rewrite.c>  
    RewriteCond %{SCRIPT_FILENAME} -d [OR]  
    RewriteCond %{SCRIPT_FILENAME} -f  
    RewriteRule "(^/)\." - [F]  
</IfModule>
```

```
# -----
```

```
# Block access to files that can expose sensitive information.
```

```
# By default, block access to backup and source files that may be left by some  
# text editors and can pose a security risk when anyone has access to them.
```

```
# http://feross.org/cmsploit/
```

```
# IMPORTANT: Update the `FilesMatch` regular expression from below to include  
# any files that might end up on your production server and can expose sensitive  
# information about your website. These files may include: configuration files,  
# files that contain metadata about the project (e.g.: project dependencies),  
# build scripts, etc..
```

```
<FilesMatch "(^#.*#\.(bak|config|dist|fla|in[ci]|log|psd|sh|sql|sw[op])|")$" >
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>  
    Order allow,deny  
    Deny from all  
    Satisfy All  
</IfModule>
```

```
# Apache ≥ 2.3
```

```
<IfModule mod_authz_core.c>  
    Require all denied  
</IfModule>
```

```
</FilesMatch>
```