

```
# Apache Server Configs v2.7.1 | MIT License
# https://github.com/h5bp/server-configs-apache

# (!) Using `.htaccess` files slows down Apache, therefore, if you have access
# to the main server config file (usually called `httpd.conf`), you should add
# this logic there: http://httpd.apache.org/docs/current/howto/htaccess.html.

# #####
# # CROSS-ORIGIN RESOURCE SHARING (CORS) #
# #####

# -----
# | Cross-domain requests |
# -----

# Allow cross-origin requests.

# http://enable-cors.org/
# http://www.w3.org/TR/cors/
# https://code.google.com/p/html5security/wiki/CrossOriginRequestSecurity

# <IfModule mod_headers.c>
#     Header set Access-Control-Allow-Origin "*"
# </IfModule>

# -----
# | CORS-enabled images |
# -----

# Send the CORS header for images when browsers request it.

# https://developer.mozilla.org/en-US/docs/Web/HTML/CORS_enabled_image
# http://blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html
# http://hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/

# <IfModule mod_setenvif.c>
#     <IfModule mod_headers.c>
#         <FilesMatch "\.(curl|gif|icol|jpe?g|png|svgz?|webp)$">
#             SetEnvIf Origin ":" IS_CORS
#             Header set Access-Control-Allow-Origin "*" env=IS_CORS
```

```
#          header set Access-Control-Allow-Origin * env=IS_LUKS
#          </FilesMatch>
#          </IfModule>
# </IfModule>

# #####
# # ERRORS #
# #####

# -----
# | 404 error prevention |
# -----

# Disable the pattern matching based on filenames.

# This setting prevents Apache from returning a 404 error as the result
# of a rewrite when the directory with the same name does not exist.

# http://httpd.apache.org/docs/current/content-negotiation.html#multiviews
# http://www.webmasterworld.com/apache/3808792.htm
```

Options -MultiViews

```
# -----
# | Custom error messages / pages |
# -----

# Customize what Apache returns to the client in case of an error.
# http://httpd.apache.org/docs/current/mod/core.html#errordocument

# ErrorDocument 404 /404.html

# #####
# # INTERNET EXPLORER #
# #####

# -----
# | Better website experience |
# -----

# Force Internet Explorer to render pages in the highest available
# resolution. This is useful for sites that use CSS3 and other modern
# web technologies that require high resolution rendering.
```

```

# mode in the various cases when it may not.
# https://hsivonen.fi/doctype/#ie8

<IfModule mod_headers.c>
    Header set X-UA-Compatible "IE=edge"
    # `mod_headers` cannot match based on the content-type, however, this header
    # should be send only for HTML documents and not for the other resources
    <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htc|icol|jpe?
gl|jst|json|ld)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|topojson|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
        Header unset X-UA-Compatible
    </FilesMatch>
</IfModule>

# -----
# | Cookie setting from iframes |
# -----

# Allow cookies to be set from iframes in Internet Explorer.

# http://msdn.microsoft.com/en-us/library/ms537343.aspx
# http://www.w3.org/TR/2000/CR-P3P-20001215/

# <IfModule mod_headers.c>
#     Header set P3P "policyref=\"/w3c/p3p.xml\", CP=\"IDC DSP COR ADM DEVI TAIi PSA PSD
IVAI IVDi CONi HIS OUR IND CNT\""
# </IfModule>

# #####
# # MEDIA TYPES AND CHARACTER ENCODINGS #
# #####

# -----
# | Media types |
# -----

# Serve resources with the proper media types (formerly known as MIME types).
# http://www.iana.org/assignments/media-types/media-types.xhtml

<IfModule mod_mime.c>

```

Audio

```
AddType audio/mp4          f4a f4b m4a
AddType audio/ogg          oga ogg opus
```

Data interchange

```
AddType application/json    json map topojson
AddType application/ld+json  jsonld
AddType application/vnd.geo+json  geojson
```

JavaScript

Normalize to standard type.

<http://tools.ietf.org/html/rfc4329#section-7.2>

```
AddType application/javascript  js
```

Manifest files

*# If you are providing a web application manifest file (see the
specification: <http://w3c.github.io/manifest/>), it is recommended
that you serve it with the `application/manifest+json` media type.*

#

*# Because the web application manifest file doesn't have its own
unique file extension, you can set its media type either by matching:*

#

*# 1) the exact location of the file (this can be done using a directive
such as ``), but it will NOT work in the `.htaccess` file,
so you will have to do it in the main server configuration file or
inside of a `` container)*

#

e.g.:

#

```
#     <Location "/.well-known/manifest.json">  
#         AddType application/manifest+json          json  
#     </Location>
```

#

*# 2) the filename (this can be problematic as you will need to ensure
that you don't have any other file with the same name as the one
you gave to your web application manifest file)*

#

e.g.:

#

```

# <Files "manifest.json">
#     AddType application/manifest+json          json
# </Files>

AddType application/x-web-app-manifest+json    webapp
AddType text/cache-manifest                    appcache manifest

# 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/font-woff2               woff2
AddType application/vnd.ms-fontobject        eot

# Browsers usually ignore the font media 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 media types are used
# for the following two font types.

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

AddType image/svg+xml                        svg svgz

# Other
AddType application/octet-stream             safariextz
AddType application/x-chrome-extension       crx
AddType application/x-opera-extension        oex
AddType application/x-xpinstall              xpi
AddType application/xml                      atom rdf rss xml
AddType image/webp                           webp
AddType image/x-icon                          cur ico
AddType text/vtt                              vtt
AddType text/x-component                      htc
AddType text/x-vcard                          vcf

```

```
</IfModule>

# -----
# | Character encodings |
# -----

# Set `UTF-8` as the character encoding for all resources served with
# the media type of `text/html` or `text/plain`.
AddDefaultCharset utf-8

# Set `UTF-8` as the character encoding for other certain resources.
<IfModule mod_mime.c>
    AddCharset utf-8 .atom \
                .css \
                .geojson \
                .js \
                .json \
                .jsonld \
                .rss \
                .topojson \
                .vtt \
                .webapp \
                .xml
</IfModule>

# #####
# # URL REWRITES #
# #####

# -----
# | Rewrite engine |
# -----

# (1) Turn on the rewrite engine
#     (this is necessary in order for the `RewriteRule` directives to work).
#     http://httpd.apache.org/docs/current/mod/mod\_rewrite.html#RewriteEngine
#
# (2) Enable the `FollowSymLinks` option if it isn't already.
#     http://httpd.apache.org/docs/current/mod/core.html#options
#
```

```
# (3) If your web host doesn't allow the `FollowSymlinks` option, you may
#     need to comment it out and use `Options +SymLinksIfOwnerMatch`, but
#     be aware of the performance impact.
#     http://httpd.apache.org/docs/current/misc/perf-tuning.html#symlinks
#
# (4) Some cloud hosting services will also require `RewriteBase` to be set.
#     http://www.rackspace.com/knowledge_center/frequently-asked-question/why-is-
#     modrewrite-not-working-on-my-site
#
# (5) Depending on how your server is set up, you may need to use the
#     `RewriteOptions` directive to enable some options for the rewrite engine.
#     http://httpd.apache.org/docs/current/mod/mod_rewrite.html#rewriteoptions
```

```
<IfModule mod_rewrite.c>
```

```
    # (1)
```

```
    RewriteEngine On
```

```
    # (2)
```

```
    Options +FollowSymlinks
```

```
    # (3)
```

```
    # Options +SymLinksIfOwnerMatch
```

```
    # (4)
```

```
    RewriteBase /
```

```
    # (5)
```

```
    # RewriteOptions <options>
```

```
</IfModule>
```

```
# -----
# | Suppressing / Forcing the `www.` at the beginning of URLs |
# -----
```

```
# The same content should never be available under two different URLs,
# especially not with and without `www.` at the beginning. This can cause
# SEO problems (duplicate content), and therefore, you should choose one
# of the alternatives and redirect the other one.
```

```
# By default `Option 1` (no `www.`) is activated.
# http://no-www.org/faq.php?q=class_b

# If you would prefer to use `Option 2`, just comment out all the lines
# from `Option 1` and uncomment the ones from `Option 2`.

# IMPORTANT: NEVER USE BOTH RULES AT THE SAME TIME!

# -----

# Option 1: rewrite www.example.com → example.com

<IfModule mod_rewrite.c>
    RewriteCond %{HTTPS} !=on
    RewriteCond %{HTTP_HOST} ^www\.(.+$) [NC]
    RewriteRule ^ http://%1%{REQUEST_URI} [R=301,L]
</IfModule>

# -----

# Option 2: rewrite example.com → www.example.com

# Be aware that the following might not be a good idea if you use "real"
# subdomains for certain parts of your website.

# <IfModule mod_rewrite.c>
#     RewriteCond %{HTTPS} !=on
#     RewriteCond %{HTTP_HOST} !^www\. [NC]
#     RewriteCond %{SERVER_ADDR} !=127.0.0.1
#     RewriteCond %{SERVER_ADDR} !=::1
#     RewriteRule ^ http://www.%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
# </IfModule>

# #####
# # SECURITY #
# #####

# -----
# | Clickjacking |
# -----
```



```
# Protect website against clickjacking.

# The example below sends the `X-Frame-Options` response header with the value
# `DENY`, informing browsers not to display the web page content in any frame.

# This might not be the best setting for everyone. You should read about the
# other two possible values for `X-Frame-Options`: `SAMEORIGIN` & `ALLOW-FROM`.
# http://tools.ietf.org/html/rfc7034#section-2.1

# Keep in mind that while you could send the `X-Frame-Options` header for all
# of your site's pages, this has the potential downside that it forbids even
# non-malicious framing of your content (e.g.: when users visit your site using
# a Google Image Search results page).

# Nonetheless, you should ensure that you send the `X-Frame-Options` header for
# all pages that allow a user to make a state changing operation (e.g: pages
# that contain one-click purchase links, checkout or bank-transfer confirmation
# pages, pages that make permanent configuration changes, etc.).

# Sending the `X-Frame-Options` header can also protect your website against
# more than just clickjacking attacks: https://cure53.de/xfo-clickjacking.pdf.

# http://tools.ietf.org/html/rfc7034
# http://blogs.msdn.com/b/ieinternals/archive/2010/03/30/combating-clickjacking-with-x-
frame-options.aspx
# https://www.owasp.org/index.php/Clickjacking

# <IfModule mod_headers.c>
#     Header set X-Frame-Options "DENY"
#     <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htcl|icol|jpe?
gl|jsl|json|1d)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safari-extended|svgz?
|swf|topojson|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
#         Header unset X-Frame-Options
#     </FilesMatch>
# </IfModule>

# -----
# | Content Security Policy (CSP) |
# -----
```

```

# Mitigate the risk of cross-site scripting and other content-injection attacks.

# This can be done by setting a `Content Security Policy` which whitelists
# trusted sources of content for your website.

# The example header below allows ONLY scripts that are loaded from the current
# site's origin (no inline scripts, no CDN, etc). This almost certainly won't
# work as-is for your site!

# For more details on how to craft a reasonable policy for your site, read:
# http://www.html5rocks.com/en/tutorials/security/content-security-policy/ (or
# the specification: http://www.w3.org/TR/CSP11/). Also, to make things easier,
# you can use an online CSP header generator such as: http://cspisawesome.com/.

# <IfModule mod_headers.c>
#     Header set Content-Security-Policy "script-src 'self'; object-src 'self'"
#     <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpw]|flv|geo.json|gif|htc|icol|jpe?
#     |js|json|ld)?
#     |m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
#     |swf|topo.json|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
#         Header unset Content-Security-Policy
#     </FilesMatch>
# </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 all hidden files and directories with the exception of the

```

```
# block access to all hidden files and directories with the exception of the  
# visible content from within the `/.well-known/` hidden directory.
```

```
# These types of files usually contain user preferences or the preserved state  
# of an utility, and can include rather private places like, for example, the  
# `.git` or `.svn` directories.
```

```
# The `/.well-known/` directory represents the standard (RFC 5785) path prefix  
# for "well-known locations" (e.g.: `/.well-known/manifest.json`,  
# `/.well-known/keybase.txt`), and therefore, access to its visible content  
# should not be blocked.
```

```
# https://www.mnot.net/blog/2010/04/07/well-known
```

```
# http://tools.ietf.org/html/rfc5785
```

```
<IfModule mod_rewrite.c>
```

```
    RewriteCond %{REQUEST_URI} "!(^/)\.well-known/([^. /]+/?)+$" [NC]
```

```
    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|conf|dist|fla|in[ci]|log|psd|sh|sql|sw[op])|")$" >
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>
```

```
    Order allow,deny
```

```
    Deny from all
```

```

    Deny from all
    Satisfy All
</IfModule>

# Apache >= 2.3
<IfModule mod_authz_core.c>
    Require all denied
</IfModule>

</FilesMatch>

# -----
# | Reducing MIME type security risks |
# -----

# Prevent some browsers from MIME-sniffing the response.

# This reduces exposure to drive-by download attacks and cross-origin data
# leaks, and should be left uncommented, especially if the web server is
# serving user-uploaded content or content that could potentially be treated
# as executable by the browser.

# http://www.slideshare.net/hasegawayosuke/owasp-hasegawa
# http://blogs.msdn.com/b/ie/archive/2008/07/02/ie8-security-part-v-comprehensive-
# protection.aspx
# http://msdn.microsoft.com/en-us/library/ie/gg622941.aspx
# http://mimesniff.spec.whatwg.org/

<IfModule mod_headers.c>
    Header set X-Content-Type-Options "nosniff"
</IfModule>

# -----
# | Reflected Cross-Site Scripting (XSS) attacks |
# -----

# (1) Try to re-enable the Cross-Site Scripting (XSS) filter built into the
#     most recent web browsers.
#
#     The filter is usually enabled by default, but in some cases it may be
#     disabled by the user. However, in Internet Explorer for example, it can

```

```

#   be re-enabled just by sending the `X-XSS-Protection` header with the
#   value of `1`.
#
# (2) Prevent web browsers from rendering the web page if a potential reflected
#   (a.k. a non-persistent) XSS attack is detected by the filter.
#
#   By default, if the filter is enabled and browsers detect a reflected
#   XSS attack, they will attempt to block the attack by making the smallest
#   possible modifications to the returned web page.
#
#   Unfortunately, in some browsers (e.g.: Internet Explorer), this default
#   behavior may allow the XSS filter to be exploited, thereby, it's better
#   to tell browsers to prevent the rendering of the page altogether, instead
#   of attempting to modify it.
#
#   http://hackademix.net/2009/11/21/ies-xss-filter-creates-xss-vulnerabilities
#
# IMPORTANT: Do not rely on the XSS filter to prevent XSS attacks! Ensure that
# you are taking all possible measures to prevent XSS attacks, the most obvious
# being: validating and sanitizing your site's inputs.
#
# http://blogs.msdn.com/b/ie/archive/2008/07/02/ie8-security-part-iv-the-xss-filter.aspx
# http://blogs.msdn.com/b/ieinternals/archive/2011/01/31/controlling-the-internet-explorer-xss-filter-with-the-x-xss-protection-http-header.aspx
# https://www.owasp.org/index.php/Cross-site\_Scripting\_%28XSS%29

# <IfModule mod_headers.c>
#     #                                     (1)   (2)
#     Header set X-XSS-Protection "1; mode=block"
#     <FilesMatch "\.(appcache|atom|crx|css|curl|eot|f4[abpw]|flv|geojson|gif|htcl|icol|jpe?
# gl|jsl|json(1d)?
# |m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
# |swf|topojson|tt[cf]|txt|vcf|vtt|webapp|web[mp]|woff2?|xml|xpi)$">
#         Header unset X-XSS-Protection
#     </FilesMatch>
# </IfModule>

# -----
# | Secure Sockets Layer (SSL) |
# -----

```

```
# Rewrite secure requests properly in order to prevent SSL certificate warnings.
# E. g.: prevent `https://www.example.com` when your certificate only allows
# `https://secure.example.com`.

# <IfModule mod_rewrite.c>
#     RewriteCond %{SERVER_PORT} !^443
#     RewriteRule ^ https://example-domain-please-change-me.com%{REQUEST_URI} [R=301,L]
# </IfModule>

# -----
# | HTTP Strict Transport Security (HSTS) |
# -----

# Force client-side SSL redirection.

# If a user types `example.com` in his browser, the above rule will redirect
# him to the secure version of the site. That still leaves a window of
# opportunity (the initial HTTP connection) for an attacker to downgrade or
# redirect the request.

# The following header ensures that browser will ONLY connect to your server
# via HTTPS, regardless of what the users type in the address bar.

# IMPORTANT: Remove the `includeSubDomains` optional directive if the subdomains
# are not using HTTPS.

# http://tools.ietf.org/html/draft-ietf-websec-strict-transport-sec-14#section-6.1
# http://www.html5rocks.com/en/tutorials/security/transport-layer-security/
# http://blogs.msdn.com/b/ieinternals/archive/2014/08/18/hsts-strict-transport-security-
attacks-mitigations-deployment-https.aspx

# <IfModule mod_headers.c>
#     Header set Strict-Transport-Security "max-age=16070400; includeSubDomains"
# </IfModule>

# -----
# | Server software information |
# -----

# Avoid displaying the exact Apache version number, the description of the
# generic OS-type and the information about Apache's compiled-in modules.
```

```

# IMPORTANT: The `ServerTokens` directive will not work in the `.htaccess` file,
# so you will need to add the following in the main server configuration file.

# ServerTokens Prod

# #####
# # WEB PERFORMANCE #
# #####

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

<IfModule mod_deflate.c>

# Force compression for mangled headers.
# https://developer.yahoo.com/blogs/ydn/pushing-beyond-gzipping-25601.html

<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>

# -----

# Mark certain resources as been compressed in order to:
#
# 1) prevent Apache from recompressing them
# 2) ensure that they are served with the correct
#    `Content-Encoding` HTTP response header

<IfModule mod_mime.c>
  AddEncoding gzip          svgz
</IfModule>

# -----

```

Compress all output labeled with one of the following media types.

IMPORTANT: For Apache versions below 2.3.7 you don't need to enable

`mod_filter` and can remove the `<IfModule mod_filter.c>*` & `*</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/manifest+json" \
                                   "application/rss+xml" \
                                   "application/schema+json" \
                                   "application/vnd.geo+json" \
                                   "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/cache-manifest" \
                                   "text/css" \
                                   "text/html" \
                                   "text/javascript" \
                                   "text/plain" \
                                   "text/vtt" \
                                   "text/x-component" \
                                   "text/xml"
```

```
</IfModule>
```

```
</IfModule>
```

```
# -----  
# | Content transformation |  
# -----
```

Prevent mobile network providers from modifying the website's content.

<http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5>.


```

# <IfModule mod_headers.c>
#   Header merge Cache-Control "no-transform"
# </IfModule>

# -----
# | ETags |
# -----

# Remove `ETags` as resources are sent with far-future expires headers.
# https://developer.yahoo.com/performance/rules.html#etags

# `FileETag None` doesn't work in all cases.
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>

FileETag None

# -----
# | Expires headers |
# -----

# Serve resources with far-future expires headers.

# IMPORTANT: If you don't control versioning with filename-based cache
# busting, consider lowering the cache times to something like one week.

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

# CSS
    ExpiresByType text/css "access plus 1 year"

# Data interchange
    ExpiresByType application/json "access plus 0 seconds"
    ExpiresByType application/ld+json "access plus 0 seconds"
    ExpiresByType application/schema+json "access plus 0 seconds"
    ExpiresByType application/vnd.geo+json "access plus 0 seconds"

```

```
ExpiresByType application/xml "access plus 0 seconds"
ExpiresByType text/xml "access plus 0 seconds"

# Favicon (cannot be renamed!) and cursor images
ExpiresByType image/x-icon "access plus 1 week"

# HTML components (HTCs)
ExpiresByType text/x-component "access plus 1 month"

# HTML
ExpiresByType text/html "access plus 0 seconds"

# JavaScript
ExpiresByType application/javascript "access plus 1 year"
ExpiresByType text/javascript "access plus 1 year"

# Manifest files
ExpiresByType application/manifest+json "access plus 1 year"
ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"
ExpiresByType text/cache-manifest "access plus 0 seconds"

# Media
ExpiresByType audio/ogg "access plus 1 month"
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "access plus 1 month"
ExpiresByType video/mp4 "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"

# Web feeds
ExpiresByType application/atom+xml "access plus 1 hour"
ExpiresByType application/rss+xml "access plus 1 hour"

# Web fonts
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/font-woff2 "access plus 1 month"
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType application/x-font-ttf "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
```

```
</IfModule>
```

```
# -----
# | Filename-based cache busting |
# -----

# If you're not using a build process to manage your filename version revving,
# you might want to consider enabling the following directives to route all
# requests such as /css/style.12345.css to /css/style.css.

# To understand why this is important and a better idea than *.css?v231, read:
# http://www.stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring/

# <IfModule mod_rewrite.c>
#     RewriteCond %{REQUEST_FILENAME} !-f
#     RewriteRule ^(.+)\.(\d+)\.(css|curl|gif|ico|jpe?g|js|png|svgz?!webp)$ $1.$3 [L]
# </IfModule>
```

```
# -----
# | File concatenation |
# -----
```

```
# Allow concatenation from within specific files.
```

```
# e.g.:
```

```
#
# If you have the following lines in a file called, for example,
# `main.combined.js`:
#
#     <!--#include file="js/jquery.js" -->
#     <!--#include file="js/jquery.timer.js" -->
```

```
# Apache will replace those lines with the content of the specified files.
```

```
# <IfModule mod_include.c>
#
#     <FilesMatch "\.combined\.js$" >
#         Options +Includes
#         AddOutputFilterByType INCLUDES application/javascript text/javascript
#         SetOutputFilter INCLUDES
```

```
#       SetOutputFilter INCLUDES
#       </FilesMatch>
#
#       <FilesMatch "\.combined\.css$">
#           Options +Includes
#           AddOutputFilterByType INCLUDES text/css
#           SetOutputFilter INCLUDES
#       </FilesMatch>
#
# </IfModule>

# -----
# | Redirect Trailing Slashes                               |
# -----

<IfModule mod_rewrite.c>
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteRule ^(.*)/$ /$1 [L,R=301]
</IfModule>

# -----
# | Wordpress Search Redirection                           |
# -----

<IfModule mod_rewrite.c>
    RewriteCond %{QUERY_STRING} \\?s=([^&]+) [NC]
    RewriteRule ^$ /search/%1/? [NC,R,L]
</IfModule>

# -----
# | Wordpress Front Controller                             |
# -----

<IfModule mod_rewrite.c>
    RewriteRule ^index\.php$ - [L]
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteRule . /index.php [L]
</IfModule>
```