# Apache Server Configs v1.1.0 / 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 AJAX requests
#/ Cross-domain AJAX requests
# #############################################################################

Enable cross-origin AJAX requests.
# http://enable-cors.org/

# <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/CORS_Enabled_Images
# http://enable-cors.org/

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    <FilesMatch "\.(gif|ico|jpeg|png|svgz|swf|webp)$">
      SetEnvIf Origin " IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>
# Web fonts access

# Allow access from all domains for web fonts

<IfModule mod_headers.c>
  <FilesMatch "\.(eot|font\.css|otf|ttf|ttcl|ttfl|woff)"/>
    Header set Access-Control-Allow-Origin "*"
  </FilesMatch>
</IfModule>

# 404 error prevention for non-existing redirected folders

# Prevent Apache from returning a 404 error for a rewrite if a 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

# You can customize what Apache returns to the client in case of an error (see
# http://httpd.apache.org/docs/current/mod/core.html#errordocument), e.g.:

ErrorDocument 404 /404.html

# Internet Explorer

# Better website experience

# Force IE to render pages in the highest available mode in the various cases when it may not: http://hsivonen.iki.fi/doctype/ie-mode.pdf.

><![Module mod_headers.c>

Header set X-UA-Compatible "IE=edge"
# `mod_headers` can't match based on the content-type, however, we only want to send this header for HTML pages and not for the other resources
<FilesMatch ".\(\text{appcache|crx|css|eot|gif|htc|ico|jpe|jsp|jsw|m4a|m4v|manifest|mp4|ogv|ogxe|otf|pdf|png|safariextz|svgz|ttf|vca|webapp|webm|webp|woff|xml|xpi|xml\)$">
    Header unset X-UA-Compatible
</FilesMatch>
</IfModule>

# Allow cookies to be set from iframes in IE.

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

# Screen flicker

# Stop screen flicker in IE on CSS rollovers (this only works in combination with the `ExpiresByType` directives for images from below).

# BrowserMatch "MSIE" brokenvary=1
# BrowserMatch "Mozilla/4.0-9\(1\)2" brokenvary=1
# BrowserMatch "Opera" !brokenvary
# SetEnvIf brokenvary 1 force-no-vary
# MIME TYPES AND ENCODING

# Proper MIME types for all files

<IfModule mod_mime.c>

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

# JavaScript
# Normalize to standard type (it's sniffed in IE anyways):
# http://tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript js
AddType application/json json

# Video
AddType video/mp4 mp4 m4v f4v f4p
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 sniff the content,
# however, Chrome shows a warning if 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 iPad:
# https://twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml svg svgz
AddEncoding gzip svgz
# Other

AddType application/octet-stream safarixtz
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-shockwave-flash swf
AddType application/x-web-app-manifest+json webapp
AddType application/x-xpinstall xpi
AddType application/xml atom rdf rss xml
AddType image/webp webp
AddType image/x-icon ico
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 .rss .vtt .webapp .xml
</IfModule>

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

# -----------------------------------------------
# / Rewrite engine
# -----------------------------------------------

# Turning on the rewrite engine and enabling the `FollowSymLinks` option is
# necessary for the following directives to work.
# 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

# Also, some cloud hosting services require `RewriteBase` to be set:
# http://www.rackspace.com/knowledge_center/frequently-asked-question/why-is-mod-rewrite-not-working-on-my-site

```xml
<IfModule mod_rewrite.c>
   Options +FollowSymlinks
   # Options +SymLinksIfOwnerMatch
   RewriteEngine On
   # RewriteBase /
</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), 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'd 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                         |

```xml
<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 %{HTTP_HOST} !=localhost [NC]
#  RewriteCond %{HTTP_HOST} !=127.0.0.1
#  RewriteRule ^http://www. %{HTTP_HOST} %{REQUEST_URI} [R=301,L]
# </IfModule>

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

# I Content Security Policy (CSP)
#
# You can mitigate the risk of cross-site scripting and other content-injection
# attacks by setting a Content Security Policy which whitelists trusted sources
# of content for your site.

# 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!

# To get all the details you'll need to craft a reasonable policy for your site,
# read: http://html5rocks.com/en/tutorials/security/content-security-policy (or
# see the specification: http://w3.org/TR/CSP).

# <IfModule mod_headers.c>
#  Header set Content-Security-Policy "script-src 'self'; object-src 'self'"
#  <FilesMatch "\\.(appcache|crx|css|eot|gif|htcl|ico|jpe|jps|js|m4a|m4v|manifest|mp4|oex|xog|oggl|ogv|otf|pdf|png|safari|extz|svgz|ttf|vcl|webapp|webm|webpl|woff|xml|xpi)\\$">


# Header unset Content-Security-Policy
# </FilesMatch>
# </IfModule>

# ---------------------------------------------------------------------
# ! File access
# ---------------------------------------------------------------------

# Block access to directories without a default document.
# Usually you should leave this uncommented because you shouldn't allow anyone
# to surf through every directory on your server (which may includes rather
# private places like 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 backup and source files.
# These files may be left by some text editors and can pose a great security
# danger when anyone has access to them.

<FilesMatch "(^.\.*|\.bak|config|dist|fla|include|init|log|ps|sh|sql|sw[op])|"">
  Order allow,deny
  Deny from all
  Satisfy All
</FilesMatch>

# ---------------------------------------------------------------------
# 1 Secure Sockets Layer (SSL) /
# [36x763]"""
# Rewire secure requests properly 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) /
# [36x763]"""
# 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 oppor-
# tunity (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.

# (!) Remove the `includeSubDomains` optional directive if the subdomains are
# not using HTTPS.

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

# Server software information /
# [36x763]"""
# Avoid displaying the exact Apache version number, the description of the
# generic OS-type and the information about Apache's compiled-in modules.

# ADD THIS DIRECTIVE IN THE `httpd.conf` AS IT WILL NOT WORK IN THE `htaccess`!
<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    <IfModule mod_setenvif.c>
        <IfModule mod_headers.c>
            SetEnvIfNoCase "^Accept-Encoding|X-cept-Encoding|X{15}|"{15}\-{15}"$
            "^(gzip|deflate)\*\*\?\*\*\+\[(X[^-4,13]\$ HAVE_Accept-Encoding
                RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
            </IfModule>
        </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/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
    </IfModule>
</IfModule>
text/css \
text/html \
text/plain \
text/x-component \
text/xml

</IfModule>

</IfModule>

#  Adam C.<br>
#  Content transformations
#  ----------------------------------------------------------
#
#  Prevent some of the mobile network providers from modifying the content of
#  your site: http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5.
#
#  <IfModule mod_headers.c>
#    Header set Cache-Control "no-transform"
#  </IfModule>

#  Adam C.<br>
#  ETag removal
#  ----------------------------------------------------------
#
#  Since we're sending far-future expires headers (see below), ETags can
#
#  `FileETag None` is not enough for every server.
#  <IfModule mod_headers.c>
#    Header unset ETag
#  </IfModule>

FileETag None

#  Adam C.<br>
#  Expires headers (for better cache control)
#  ----------------------------------------------------------
#
#  The following expires headers are set pretty far in the future. If you don't
#  control versioning with filename-based cache busting, consider lowering the
#  cache time for resources like CSS and JS to something like 1 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/xml "access plus 0 seconds"
ExpiresByType text/xml "access plus 0 seconds"

# Favicon (cannot be renamed)
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"

# Manifest files
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/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?v=231`, read:
# http://stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring

# <IfModule mod_rewrite.c>
#   RewriteCond %{REQUEST_FILENAME} !-f
#   RewriteRule ^(.+)/(\d+)/(..sl.css|png|jpg|gif)$ $1.$3 [L]
# </IfModule>

# ------------------------------------------------------------------

# / File concatenation
# ------------------------------------------------------------------

# Allow concatenation from within specific CSS and JS files, e.g.:
# Inside of `script.combined.js` you could have
#   <!--#include file="libs/jquery.js" -->
#   <!--#include file="plugins/jquery.idleTimer.js" -->
# and they would be included into this single file.

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

Options +Includes
AddOutputFilterByType INCLUDES text/css
SetOutputFilter INCLUDES

</FilesMatch>
</IfModule>

# Persistent connections

# Allow multiple requests to be sent over the same TCP connection:

# Enable if you serve a lot of static content but, be aware of the
# possible disadvantages!

<IfModule mod_headers.c>
Header set Connection Keep-Alive
</IfModule>

Options +Includes
AddType text/html .html
AddOutputFilter INCLUDES .html