# Apache Server Configs v2.8.0 / 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-origin requests | |
# |----------------------------------------------------------------------------|
# # Allow cross-origin requests.

# http://enable-cors.org/
# http://www.w3.org/TR/cors/

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

# By default allow cross-origin access to web fonts.

<IfModule mod_headers.c>
  <FilesMatch "\.(eot|otf|ttt[cf]|woff2?)$">
    Header set Access-Control-Allow-Origin "*"
  </FilesMatch>
</IfModule>

# ======================================================================================================================
# | Cross-origin resource timing | |
# |----------------------------------------------------------------------------|
# # Allow cross-origin access to the timing information for all resources.
# If a resource isn't served with a `Timing-Allow-Origin` header that would
# allow its timing information to be shared with the current document, some of
# the attributes of the `PerformanceResourceTiming` object will be set to zero.

# http://www.w3.org/TR/resource-timing/

# <IfModule mod_headers.c>
#   Header set Timing-Allow-Origin: "*
# </IfModule>

# ---------------------------------------------------------------------------
# ! CORS-enabled images
# ---------------------------------------------------------------------------

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


<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 "*
    </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 serving static content through the server-side execution of client-side
# code inside an Active Server Page (ASP), ASP.NET, ColdFusion, or
# similar technologies.

# http://www.w3.org/Drafts/Resources/FRW-404-Error-Pattern/
# 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

# constructing error messages and 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"
# Force Internet Explorer to render pages in the highest available
# 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|atoml|crx|css|curl|eot|fl|f4|abvp|flv|geo|gif|htc|ico|jpe?|j?|json(l)?|ld|m4|av|json|manifest|map|mp4|oex|x|og|a|j|v|l|js|otf|pdf|png|rdf|rss|safari|ext|x|z|svg|z|ls|j)|swf|topo|json|tt|cf|tt|tx|v|c|f|vt|l|webap|p|web[mp]|w|off|2|xml|x|pi)$">
      Header unset X-UA-Compatible
   </FilesMatch>
</IfModule>
# Allow cookies to be set from iframes in Internet Explorer.

# 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 DVi TAIi PSA PSD IVi
COMi HIS OUR IND CNT"
# </IfModule>

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

# 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 `<Location>`), 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 `<VirtualHost>` 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  safarirect
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 \
</IfModule>
<IfModule mod_rewrite.c>

# (1)
# (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-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>
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>
<?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
# # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # # #

# 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
# 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.

# https://www.owasp.org/index.php/Clickjacking

# <IfModule mod_headers.c>
#   Header set X-Frame-Options "DENY"
#   <FilesMatch "\.(appcachefl atomi crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htcl|ico|jpe?gl|j perl|json|jpg|m4[cav]|manifest|mapl|mpd|otf|pdf|png|rdf|rss|safariextz|svgz|swf|topojson|tt[cf]|vcl|vtt|webapxi|webm|woff2?|xml|xpl)"">
#     Header unset X-Frame-Options
#   </FilesMatch>
# </IfModule>

#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 "\.(appcachefl atomi crx|css|curl|eot|f4[abpv]|flv|geojson|gif|htcl|ico|jpe?gl|j perl|json|jpg|m4[cav]|manifest|mapl|mpd|otf|pdf|png|rdf|rss|safariextz|svgz|swf|topojson|tt[cf]|vcl|vtt|webapxi|webm|woff2?|xml|xpl)"">
#   Header unset Content-Security-Policy
# </FilesMatch>
# </IfModule>
# Header unset Content-Security-Policy
# </FilesMatch>
# </IfModule>

# 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
# 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

<IfModule mod_rewrite.c>
  RewriteCond %{REQUEST_URI} "!([^/].well-known/([^/]+.*/)+/+$"
  RewriteCond %{SCRIPT_FILENAME} -d
  RewriteRule - (?!%{SCRIPT_FILENAME}) /index.html [L]
</IfModule>
RewriteCond %{SCRIPT_FILENAME} -t
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[cil]|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>

# 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/hasegawosuke/owasp-hasegawa
# http://blogs.msdn.com/b/ie/archive/2008/07/02/ie8-security-part-v-comprehensive-protection
# 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.
#
#
# 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.

# 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 "\\.\(appcachexm|x:\css|x:\crl\(eot|f4\\(abpvl\|f1\|v\|gifl\|htcl\i\col\jpe?\|\(js\|\(json\(l\(d\|\|m4\clav\|\(manifest\|\(map\|\(mpl\|\(mp\|\(oex\|\(og\(av\|\(opus\|\(otf\|\(pdf\|\(png\|\(rdf\|\(rssl\|\(safariextz\|\(svgz:\|\(swf\|\(topojson\|\(tt\(cf\|\(tt\|\(vcfl\|\(vt\(\|\(webapp\|\(web\(mp\|\(woff\(2\|\(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.

# 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.

<IfModule mod_setenvif.c>
<IfModule mod_headers.c>
  SetEnvIfNoCase "^Accept-Encoding" "exclude-Encoding|X-cept-Encoding|X\{15\}|"|(15)\)-(15>|$"
  RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
</IfModule>

# Map certain file types to the specified encoding type in order to
# make Apache serve them with the appropriate 'Content-Encoding' HTTP
# response header (this will NOT make Apache compress them!).

# If the following file types wouldn't be served without the appropriate
# `Content-Encode` HTTP response header, client applications (e.g.: browsers) wouldn't know that they first need to uncompress the response,
# and thus, wouldn't be able to understand the content.

# http://httpd.apache.org/docs/current/mod/mod_mime.html##addencoding

<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>` & `</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/rdf+xml" \
  "application/rss+xml" \
  "application/schema+json" \
</IfModule>
"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.

# <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 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/rdf+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?v=231', read:
# http://wwwLOYEE.com/blog/2013/03/22/avoid-filename-date-exploitation/
# IfModule mod_rewrite.c
#   RewriteCond %{REQUEST_FILENAME} !-f
#   RewriteRule ^(.+)\.(\d+)\.(css|curl|gif|icoll|jpe?gi|jsl|png|svgz?l|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$">  
#   Options +Includes  
#   AddOutputFilterByType INCLUDES application/javascript text/javascript  
#   SetOutputFilter INCLUDES  
# </FilesMatch>
#
# <FilesMatch "\.*combined\.*.css$">  
#   Options +Includes  
#   AddOutputFilterByType INCLUDES text/css  
#   SetOutputFilter INCLUDES  
# </FilesMatch>
#
# </IfModule>
# Proper MIME types

```c
<IfModule mod_mime.c>

# BlackBerry
# http://docs.blackberry.com/en/developers/deliverables/10169/
AddType application/x-bb-appworld bbaw
AddType text/vnd.rim.location.xloc xloc

# Nokia
#
http://www.developer.nokia.com/Community/Wiki/Apache_configuration_for_mobile_application dk
#
http://wiki.forum.nokia.com/index.php/How_to_enable_OTA_(Over_The_Air)_SIS_install_from_your
AddType application/octet-stream sisx
AddType application/vnd.symbian.install sis

</IfModule>
```

# Prevent mobile transcoding

```c
# <FilesMatch "\.\.(php|cgi|pl)$">
#   <IfModule mod_headers.c>
#     Header append Cache-Control "no-transform"
#     Header append Vary "User-Agent, Accept"
#   </IfModule>
# </FilesMatch>
```

# Mobile Redirection Script is used to detect if user is viewing the site from mobile device. If the script detects the user is viewing from mobile phone, they will be redirected to the mobile version of the site. One thing to note is that if you want to allow the user on the mobile version of your site to have the option to switch to desktop version, you may consider using other methods like JavaScript or PHP at http://detectmobilebrowser.com. #