```
# Apache Server Configs v2.3.0 | 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                                                 |
# ------------------------------------------------------------------------------


# Allow cross-origin AJAX requests.
# http://code.google.com/p/html5security/wiki/CrossOriginRequestSecurity
# 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-US/docs/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-imag

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

```
# ----------------------------------------------------------------------
# | Web fonts access                                                    |
# ----------------------------------------------------------------------

# Allow access to web fonts from all domains.

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


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


# ----------------------------------------------------------------------
# |  404 error prevention for non-existing redirected folders           |
# ----------------------------------------------------------------------

# Prevent 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 mode
# in the various cases when it may not.
# http://hsivonen.iki.fi/doctype/ie-mode.pdf

<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 pages and not for the other resources
    <FilesMatch "\.(appcache|atom|crx|css|cur|eot|f4[abpv]|flv|gif|htc|ico|jpe?g|js|json(ld)
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|tt[cf]|vcf|vtt|webapp|web[mp]|woff|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
CONi HIS OUR IND CNT\""
# </IfModule>

# ########################################################################
# # 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 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
    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>


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


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


# Turn on the rewrite engine and enable the `FollowSymLinks` option (this is
# necessary in order 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

<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), 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|cur|eot|f4[abpv]|flv|gif|htc|ico|jpe?g|js|json(ld)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|tt[cf]|vcf|vtt|webapp|web[mp]|woff|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://html5rocks.com/en/tutorials/security/content-security-policy (or the
# specification: http://w3.org/TR/CSP). 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|cur|eot|f4[abpv]|flv|gif|htc|ico|jpe?g|js|json(ld)?
|m4[av]|manifest|map|mp4|oex|og[agv]|opus|otf|pdf|png|rdf|rss|safariextz|svgz?
|swf|tt[cf]|vcf|vtt|webapp|web[mp]|woff|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 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])|~)$">
```

```
<FilesMatch "(^#.*#|\.(bak|config|dist|fla|inc|ini|log|psd|sh|sql|swp)|~)$">

    # 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>


# ----------------------------------------------------------------------
# | 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
# 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-:
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| cur| eot| f4[abpv]| flv| gif| htc| ico| jpe?g| js| json(
| m4[av]| manifest| map| mp4| oex| og[agv]| opus| otf| pdf| png| rdf| rss| safariextz| svgz?
| swf| tt[cf]| vcf| vtt| webapp| web[mp]| woff| 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.

# 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/

# IMPORTANT: 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                                            |
# ------------------------------------------------------------------------

# 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`!

    # ServerTokens Prod


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


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

<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    # http://developer.yahoo.com/blogs/ydn/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>


# ------------------------------------------------------------------------------
# | Content transformations                                                    |
# ------------------------------------------------------------------------------


# 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 set Cache-Control "no-transform"
# </IfModule>


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


# Remove `ETags` as resources are sent with far-future expires headers.
# http://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                                                            |
# ------------------------------------------------------------------------------
```

```
# 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 such as style sheets and JavaScript
# files 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/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"

  # 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?v231`, read:
# http://stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring


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


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


# Allow concatenation from within specific style sheets and JavaScript files.


# e.g.:
#
#   If you have the following content in a file
```

```
#
#        <!--#include file="libs/jquery.js" -->
#        <!--#include file="plugins/jquery.timer.js" -->
#
#    Apache will replace it with the content from the specified files.

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


# ############################################################################
# # MOBILE SPECIFIC                                                          #
# ############################################################################

# Proper MIME types

<IfModule mod_mime.c>

  # Blackberry
    # http://docs.blackberry.com/en/developers/deliverables/18169/
    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_d
    #
http://wiki.forum.nokia.com/index.php/How_to_enable_OTA_(Over_The_Air)_SIS_install_from_you
    AddType application/octet-stream                 sisx
    AddType application/vnd.symbian.install          sis

</IfModule>
```

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

# Prevent mobile transcoding

# <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/.
#
# To use the script, first, uncomment the lines below, and second, change
# 'http://www.example.com/mobile' to the URL of your mobile site.

# <IfModule mod_rewrite.c>
#     RewriteEngine On
#     RewriteBase /
#     RewriteCond %{HTTP_USER_AGENT}
android|avantgo|blackberry|blazer|compal|elaine|fennec|hiptop|iemobile|ip(hone|od)|iris|kin
|maemo|midp|mmp|opera\ m(ob|in)i|palm(\ os)?|phone|p(ixi|re)\/|plucker|pocket|psp|symbian|t
(browser|link)|vodafone|wap|windows\ (ce|phone)|xda|xiino [NC,OR]
#RewriteCond %{HTTP_USER_AGENT} ^(1207|6310|6590|3gso|4thp|50[1-6]i|770s|802s|a\
wa|abac|ac(er|oo|s\-
)|ai(ko|rn)|al(av|ca|co)|amoi|an(ex|ny|yw)|aptu|ar(ch|go)|as(te|us)|attw|au(di|\-m|r\ |s\
)|avan|be(ck|ll|nq)|bi(lb|rd)|bl(ac|az)|br(e|v)w|bumb|bw\-(n|u)|c55\/|capi|ccwa|cdm\-
|cell|chtm|cldc|cmd\-|co(mp|nd)|craw|da(it|ll|ng)|dbte|dc\-s|devi|dica|dmob|do(c|p)o|ds(12|
d)|el(49|ai)|em(12|ul)|er(ic|k0)|esl8|ez([4-7]0|os|wa|ze)|fetc|fly(\-|_)|g1\ u|g560|gene|gf
mo|go(\.w|od)|gr(ad|un)|haie|hcit|hd\-(m|p|t)|hei\-|hi(pt|ta)|hp(\ i|ip)|hs\-c|ht(c(\-|\
|_|a|g|p|s|t)|tp)|hu(aw|tc)|i\-(20|go|ma)|i230|iac(\ |\-
|\/)|ibro|idea|ig01|ikom|im1k|inno|ipaq|iris|ja(t|v)a|jbro|jemu|jigs|kddi|keji|kgt(\ |\/)|k
|kwc\-|kyo(c|k)|le(no|xi)|lg(\ g|\/(k|l|u)|50|54|e\-|e\/|\-[a-w])|libw|lynx|m1\-
```

| kwc\-| kgo\cr k\/| le\(no| xi\)| lg\(g| \/\(k| lt| u\)| 3o| 54| e\-| e\/| \-\[a-w\)| l1bw| lgh\xm| \-

w| m3ga| m50\/| ma(te| ui| xo)| mc(01| 21| ca)| m\-cr| me(di| rc| ri)| mi(o8| oa| ts)| mmef| mo(01| 02| bi| de| |

| o| v)| zz)| mt(50| p1| v\ )| mwbp| mywa| n10[0-2]| n20[2-3]| n30(0| 2)| n50(0| 2| 5)| n7(0(0| 1)| 10)| ne((c|

| on| tf| wf| wg| wt)| nok(6| i)| nzph| o2im| op(ti| wv)| oran| owg1| p800| pan(a| d| t)| pdxg| pg(13| \-([1-

8]| c))| phi1| pire| pl(ay| uc)| pn\-2| po(ck| rt| se)| prox| psio| pt\-g| qa\-a| qc(07| 12| 21| 32| 60| \-[2-

)| qtek| r380| r600| raks| rim9| ro(ve| zo)| s55\/| sa(ge| ma| mm| ms| ny| va)| sc(01| h\-| oo| p\-)| sdk\/| se

| 0| 1)| 47| mc| nd| ri)| sgh\-| shar| sie(\-| m)| sk\-0| sl(45| id)| sm(a| ar| b3| it| t5)| so(ft| ny)| sp(01| |

| v\ )| sy(01| mb)| t2(18| 50)| t6(00| 10| 18)| ta(gt| lk)| tc1\-| tdg\-| te1(i| m)| tim\-| t\-

mo| to(p| sh)| ts(70| m\-| m3| m5)| tx\-9| up(\. b| g1| si)| uts| v400| v750| veri| vi(rg| te)| vk(40| 5[0-3.

v)| vm40| voda| vul c| vx(52| 53| 60| 61| 70| 80| 81| 83| 85| 98)| w3c(\-| \ )| webc| whit| wi(g\

| nc| nw)| wm1b| wonu| x700| xda(\-| 2| g)| yas\-| your| zeto| zte\-) [NC]
RewriteRule ^$ http://www.example.com/mobile [R,L]
</IfModule>