<Files ~ "^.*\([Hh][Tt][Aa]\)"
  order allow, deny
  deny from all
  satisfy all
</Files>

<Files ~ "\.(html\ html|css| js| php)\$">
  AddDefaultCharset UTF-8
  DefaultLanguage en-US
</Files>

<IfModule mod_rewrite.c>
  DirectoryIndex index.php
  RewriteEngine on
  RewriteCond $1 !^\(index\.|php|images\|css| js| robots\.|txt| favicon\.|ico\)
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteRule ^(.*)$ /index.php/$1 [L,QSA]
</IfModule>

# Apache Configuration File

# (!) 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
# !
# # 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.


```html
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    <FilesMatch "\.(gif|ico|png|svg|svgz|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

```html
<IfModule mod_headers.c>
  <FilesMatch "\.(eot|font.css|otf|ttf|ttcl|ttf|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

# I 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.
# Use, if installed, Google Chrome Frame.

<IfModule mod_headers.c>
  Header set Content-Language "en-UK"
  Header set X-UA-Compatible "IE=edge,chrome=1"
  # `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 "\.\.(appcache|crx|cssl|eot|gif|hdf|ico|jpe?|gl|js|m4a|m4v|manifest|mp4|oex|ogal|ogg|ogv|otfl|pdf|png|safariextz|svg|svgz|ttfi|vcl|webapp|wet"
    Header unset X-UA-Compatible
  </FilesMatch>
</IfModule>

# ---------------------------------------------------------------
# Cookie setting from iframes
# ---------------------------------------------------------------
# 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 DEVi TAIi PSA PSD IVAi CNTi"
# </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]{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/mpeg 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 jsonp
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 safarientz
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

<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

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

# #XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
# # SECURITY
# #XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

# __________________________________________________________
# | 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 "\.\(appcachel crx\|c ssl eot|gif|htcl icol jpe? gl jsl m4 al m4v\|manifest mp4\| oexl ogal oggl ogv\| otfl pdf|pngl safari extzl svgl svgzl ttf| vcf| webappl" wet
#     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.

<FileMatch "(".\.*\.|\.bak|config|dist|fla|incl|init|log|psd|sh|sql|sw[op])">  
  Order allow,deny  
  Deny from all  
  Satisfy All 
</FileMatch>
# server_software

# 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.
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase "(Accept-Encoding|X-cept-Encoding|X{15}|"{15}\|-{15})" "^(gzip, deflate)" 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/rss+xml \
                             application/json+css object/manifest
application/xml+xml
application/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 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>

# ------------------------------------------------------------------------------------------------
# / 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
# 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_rewritect.c>
#    RewriteCond %{REQUEST_FILENAME} !-f
#    RewriteCond %{REQUEST_FILENAME} !-d
#    RewriteRule ^(.+)\.([^\d]+)\.(js|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.
```

```c
# <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>
```

---

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!

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