

```

# Apache configuration file
# httpd.apache.org/docs/2.2/mod/quickreference.html

# Note .htaccess files are an overhead, this logic should be in your Apache
# config if possible: http://httpd.apache.org/docs/2.2/howto/htaccess.html

# Techniques in here adapted from all over, including:
#   Kroc Camen: camendesign.com/.htaccess
#   perishablepress.com/press/2006/01/10/stupid-htaccess-tricks/
#   Sample .htaccess file of CMS MODx: modx.com

# -----
# CORS-enabled images (@crossorigin)
# -----

# Send CORS headers if browsers request them; enabled by default for images.
# developer.mozilla.org/en/CORS\_Enabled\_Image
# blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html
# hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/
# wiki.mozilla.org/Security/Reviews/crossoriginAttribute

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    # mod_headers, y u no match by Content-Type?!
    <FilesMatch "\.(gif|ic|jpe?g|png|svg|svgz|webp)$">
      SetEnvIf Origin ":" IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>

# -----
# Webfont access
# -----

# Allow access from all domains for webfonts.
# Alternatively you could only whitelist your
# subdomains like "subdomain.example.com".

<IfModule mod_headers.c>
  <FilesMatch "\.(eot|font|otf|ttf|woff|woff2)$">

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

# -----
# Proper MIME type for all files
# -----

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

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

# Video
AddType video/mp4 mp4 m4v f4v f4p
AddType video/ogg ogv
AddType video/webm webm
AddType video/x-flv flv

# SVG
# Required for svg webfonts on iPad
# twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml svg svgz
AddEncoding gzip svgz

# Webfonts
AddType application/vnd.ms-fontobject eot
AddType application/x-font-ttf ttf ttc
AddType application/x-font-woff woff
AddType font/opentype otf

# Assorted types
AddType application/octet-stream safariextz
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                    rss atom xml rdf
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
```

```
# -----
# Gzip compression
# -----
```

```
<IfModule mod_deflate.c>
    AddOutputFilterByType DEFLATE text/text text/html text/plain text/xml text/css
    application/x-javascript application/javascript
</IfModule>
```

```
# -----
# Prevent mobile network providers from modifying your site
# -----
```

```
# The following header prevents modification of your code over 3G on some
# European providers.
# This is the official 'bypass' suggested by O2 in the UK.
```

```
<IfModule mod_headers.c>
    Header set Cache-Control "no-transform"
</IfModule>
```

```
# -----
# ETag removal
# -----
```

```
# FileETag None is not enough for every server.
```

```
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>
```

```
# Since we're sending far-future expires, we don't need ETags for
# static content.
# developer.yahoo.com/performance/rules.html#etags
FileETag None

# -----
# Start rewrite engine
# -----

# Turning on the rewrite engine is necessary for the following rules and
# features. FollowSymLinks must be enabled for this to work.

# Some cloud hosting services require RewriteBase to be set: goo.gl/HDcPN
# If using the h5bp in a subdirectory, use `RewriteBase /foo` instead where
# 'foo' is your directory.

# 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://goo.gl/Mluzd

<IfModule mod_rewrite.c>
  Options +FollowSymLinks
  # Options +SymLinksIfOwnerMatch
  RewriteEngine On
  # RewriteBase /
</IfModule>

# -----
# Suppress or force 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, since this can cause
# SEO problems (duplicate content). That's why you should choose one of the
# alternatives and redirect the other one.

# By default option 1 (no "www.") is activated.
# no-www.org/faq.php?q=class_b

# If you'd prefer to use option 2, just comment out all option 1 lines
# and uncomment 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 rule 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>
```

*# -----*

*# Prevent 404 errors for non-existing redirected folders*

*# -----*

*# without -MultiViews, Apache will give a 404 for a rewrite if a folder of the  
# same name does not exist.*

*# webmasterworld.com/apache/3808792.htm*

**Options -MultiViews**

*# -----*

*# UTF-8 encoding*

*# -----*

```
# Use UTF-8 encoding for anything served text/plain or text/html
AddDefaultCharset utf-8

# Force UTF-8 for a number of file formats
AddCharset utf-8 .atom .css .js .json .rss .vtt .xml

# -----
# A little more security
# -----

# To avoid displaying the exact version number of Apache being used, add the
# following to httpd.conf (it will not work in .htaccess):
# ServerTokens Prod

# "-Indexes" will have Apache block users from browsing folders without a
# default document. Usually you should leave this activated, because you
# shouldn't allow everybody to surf through every folder on your server (which
# includes rather private places like CMS system folders).
<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

# Block access to "hidden" directories or files whose names begin with a
# period. This includes directories used by version control systems such as
# Subversion or Git.
<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/html editors and pose a great security danger, when anyone can access
# them.
<FilesMatch "(\\. (bak|config|dist|fla|incl|ini|log|psd|sh|sql|swp)|\\.*)">
    Order allow,deny
    Deny from all
    Satisfy All
</FilesMatch>

# Increase cookie security
```

```
<IfModule mod_php5.c>  
    php_value session.cookie_httponly true  
</IfModule>
```