

```
# 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
# 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

###
### If you run a webserver other than apache, consider:
### github.com/paulirish/html5-boilerplate-server-configs
###

# -----
# Better website experience for IE users
# -----

# Force the latest IE version, in various cases when it may fall back to IE7 mode
# github.com/rails/rails/commit/123eb25#commitcomment-118920
# Use ChromeFrame if it's installed for a better experience for the poor IE folk

<IfModule mod_headers.c>
  Header set X-UA-Compatible "IE=Edge,chrome=1"
  # mod_headers can't match by content-type, but we don't want to send this header on *ev*
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|pdf|xml|ogal|ogg|m4a|ogv|mp4|m4v|webm|svg|svgz|eot|ttf|otf|woff|ico|webp|appcache|manifest|
>
  Header unset X-UA-Compatible
</FilesMatch>
</IfModule>

# -----
# Cross-domain AJAX requests
# -----

# Serve cross-domain ajax requests, disabled.
# enable-cors.org
# code.google.com/apis/ajax/extensions/cors/
# www.w3.org/TR/2015/CRD-CORS/
```

```
# code, google, com/p/n/m/5security/wiki/Crossoriginrequestsecurity

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

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

#
# allow access from all domains for webfonts
# alternatively you could only whitelist
# your subdomains like "sub.domain.com"
#

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

# -----
# 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

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

# Video
AddType video/ogg                    ogv
AddType video/mp4                    mp4 m4v
AddType video/webm                   webm

# SVG
# https://www.w3.org/TR/2011/WD-SVG2-20110816/
```

```
# 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 font/opentype               otf
AddType application/x-font-woff      woff

# Assorted types
AddType image/x-icon              ico
AddType image/webp                webp
AddType text/cache-manifest        appcache manifest
AddType text/x-component           htc
AddType application/x-chrome-extension crx
AddType application/x-xpinstall    xpi
AddType application/octet-stream    safariextz
AddType text/x-vcard               vcf

# -----
# Allow concatenation from within specific js and css files
# -----

# e.g. Inside of script, combined.js you could have
# <!--#include file="libs/jquery-1.5.0.min.js" -->
# <!--#include file="plugins/jquery.idletimer.js" -->
# and they would be included into this single file.

# This is not in use in the boilerplate as it stands. You may
# choose to name your files in this way for this advantage or
# concatenate and minify them manually.
# Disabled by default.

#<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>

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

<IfModule mod_deflate.c>

# force deflate for mangled headers
# developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-beyond-gzipping/
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl X(15)|^(15)|-(15))$ ^((gzip|deflate)\s:
HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
  </IfModule>
</IfModule>

# HTML, TXT, CSS, JavaScript, JSON, XML, HTC:
<IfModule filter_module>
  FilterDeclare    COMPRESS
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/html
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/css
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/plain
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/x-component
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/javascript
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/json
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/xhtml+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/rss+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/atom+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/vnd.ms-fontobject
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $image/svg+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/x-font-ttf
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $font/opentype
  FilterChain      COMPRESS
  FilterProtocol   COMPRESS DEFLATE change=yes;byteranges=no

```

```
</IfModule>
```

```
<IfModule !mod_filter.c>
```

```
  # Legacy versions of Apache
```

```
  AddOutputFilterByType DEFLATE text/html text/plain text/css application/json
```

```
  AddOutputFilterByType DEFLATE application/javascript
```

```
  AddOutputFilterByType DEFLATE text/xml application/xml text/x-component
```

```
  AddOutputFilterByType DEFLATE application/xhtml+xml application/rss+xml application/atom+
```

```
  AddOutputFilterByType DEFLATE image/svg+xml application/vnd.ms-fontobject application/x-font
```

```
</IfModule>
```

```
</IfModule>
```

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

```
# Expires headers (for better cache control)
```

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

```
#
```

```
# These are pretty far-future expires headers
```

```
# They assume you control versioning with cachebusting query params like:
```

```
# <script src="application.js?20100608">
```

```
# Additionally, consider that outdated proxies may miscache
```

```
#
```

```
# www.stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring/
```

```
#
```

```
# If you don't use filenames to version, lower the css and js to something like "access plus 1 month"
```

```
#
```

```
<IfModule mod_expires.c>
```

```
  ExpiresActive on
```

```
# Perhaps better to whitelist expires rules? Perhaps.
```

```
  ExpiresDefault                                "access plus 1 month"
```

```
# cache.appcache needs re-requests in FF 3.6 (thx Remy "Introducing HTML5")
```

```
  ExpiresByType text/cache-manifest            "access plus 0 seconds"
```

```
# Your document html
```

```
  ExpiresByType text/html                      "access plus 0 seconds"
```

```
# Data
```

```

ExpiresByType text/xml "access plus 0 seconds"
ExpiresByType application/xml "access plus 0 seconds"
ExpiresByType application/json "access plus 0 seconds"

# RSS feed
ExpiresByType application/rss+xml "access plus 1 hour"

# Favicon (cannot be renamed)
ExpiresByType image/x-icon "access plus 1 week"

# Media: images, video, audio
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/png "access plus 1 month"
ExpiresByType image/jpg "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType audio/ogg "access plus 1 month"
ExpiresByType video/mp4 "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"

# HTC files (css3pie)
ExpiresByType text/x-component "access plus 1 month"

# Webfonts
ExpiresByType font/truetype "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType application/x-font-woff "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"

# CSS and JavaScript
ExpiresByType text/css "access plus 1 year"
ExpiresByType application/javascript "access plus 1 year"
ExpiresByType text/javascript "access plus 1 year"

<IfModule mod_headers.c>
    Header append Cache-Control "public"
</IfModule>

</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

# -----
# Stop screen flicker in IE on CSS rollovers
# -----

# The following directives stop screen flicker in IE on CSS rollovers in combination with the
images (see above)
# If needed, un-comment the following rules.

# BrowserMatch "MSIE" brokenvary=1
# BrowserMatch "Mozilla/4.[0-9]{2}" brokenvary=1
# BrowserMatch "Opera" !brokenvary
# SetEnvIf brokenvary 1 force-no-vary

# -----
# Cookie setting from iframes
# -----

# Allow cookies to be set from iframes (for IE only)
# If needed, uncomment and specify a path or regex in the Location directive

# <IfModule mod_headers.c>
#   <Location />
#     Header set P3P "policyref=\"/w3c/p3p.xml\"", CP="IDC DSP COR ADM DEVI TAIi PSA PSD IVA
CNTV""
#   </Location>
# </IfModule>
```

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

# Turning on the rewrite engine is necessary for the following rules and features.
# FollowSymLinks must be enabled for this to work.
<IfModule mod_rewrite.c>
    Options +FollowSymLinks
    RewriteEngine On
</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 .
# 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.
# Remember: Shorter URLs are sexier.
# no-www.org/faq.php?q=class_b

#
# If you rather want to use option 2, just comment out all option 1 lines and uncomment opti
# IMPORTANT: NEVER USE BOTH RULES AT THE SAME TIME!
#

# -----

#
# Option 1:
# Rewrite "www.domain.com -> domain.com"
#

<IfModule mod_rewrite.c>
    RewriteCond %{HTTPS} !=on
    RewriteCond %{HTTP_HOST} ^www\.(.+\.)$ [NC]
    RewriteRule ^ http://%1%{REQUEST_URI} [R=301,L]
```



```
</IfModule>
```

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

```
#
```

```
# Option 2:
```

```
# To rewrite "domain.com -> www.domain.com" uncomment the following lines.
```

```
# Be aware that the following rule might not be a good idea if you use "real" subdomains for website.
```

```
#
```

```
# <IfModule mod_rewrite.c>
```

```
# RewriteCond %{HTTPS} !=on
```

```
# RewriteCond %{HTTP_HOST} !^www\.+$ [NC]
```

```
# RewriteCond %{HTTP_HOST} (.+)$ [NC]
```

```
# RewriteRule ^ http://www.%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
```

```
# </IfModule>
```

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

```
# Built-in filename-based cache busting
```

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

```
#
```

```
# If you're not using the build script to manage your filename version revving, you might want to use this rule which will route requests for /css/all.20110203.css to /res/all.css
```

```
#
```

```
# To understand why this is important and a better idea than all.css?v1231, read:
```

```
# github.com/paulirish/html5-boilerplate/wiki/Version-Control-with-Cachebusting
```

```
# Uncomment to enable.
```

```
# <IfModule mod_rewrite.c>
```

```
# RewriteCond %{REQUEST_FILENAME} !-f
```

```
# RewriteCond %{REQUEST_FILENAME} !-d
```

```
# RewriteRule ^(.(+)\.(\d+)\. (js|css|png|jpg|gif))$ $1.$3 [L]
```

```
# </IfModule>
```

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

```
# Prevent SSL cert warnings
```

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

```
" -----
#
# Rewrite secure requests properly to prevent SSL cert warnings
# e. g. prevent https://www.domain.com when your cert only allows https://secure.domain.com
# Uncomment the following lines to use this feature.
#
# <IfModule mod_rewrite.c>
#   RewriteCond %{SERVER_PORT} !^443
#   RewriteRule ^ https://example-domain-please-change-me.com%{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/3888792.htm
#
Options -MultiViews

# -----
# Custom 404 page
# -----

# You can add custom pages to handle 500 or 403 pretty easily, if you like.
ErrorDocument 404 /404.html

# -----
# 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 .html .css .js .xml .json .rss .atom

"
```

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

#
# Do we want to advertise the exact version number of Apache we're running? Probably not.
# This can only be enabled if used in 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 the
server (which includes rather private places like CMS system folders).
#
# Options -Indexes

#
# Block access to "hidden" directories whose names begin with a period.
# This includes directories used by version control systems such as Subversion or Git.
#
<IfModule mod_rewrite.c>
  RewriteRule "(^/)\." - [F]
</IfModule>

#
# If your server is not already configured as such, the following directive should be uncom
register_globals option to OFF. This closes a major security hole that is abused by most XSS
attacks. For more information: http://php.net/register\_globals
#
# IF REGISTER_GLOBALS DIRECTIVE CAUSES 500 INTERNAL SERVER ERRORS :
#
# Your server does not allow PHP directives to be set via .htaccess. In that case you must i
php.ini file instead. If you are using a commercial web host, contact the administrators for
all servers allow local php.ini files, and they should include all PHP configurations (not
effectively reset everything to PHP defaults.
# Consult www.php.net for more detailed information about setting PHP directives.
#

# php_flag register_globals Off
```

```
# Rename session cookie to something else, than PHPSESSID
# php_value session.name sid

# Do not show you are using PHP
# Note: Move this line to php.ini since it won't work in .htaccess
# php_flag expose_php Off

# Level of log detail - log all errors
# php_value error_reporting -1

# Write errors to log file
# php_flag log_errors On

# Do not display errors in browser (production - Off, development - On)
# php_flag display_errors Off

# Do not display startup errors (production - Off, development - On)
# php_flag display_startup_errors Off

# Format errors in plain text
# php_flag html_errors Off

# Show multiple occurrence of error
# php_flag ignore_repeated_errors Off

# Show same errors from different sources
# php_flag ignore_repeated_source Off

# Size limit for error messages
# php_value log_errors_max_len 1024

# Don't precede error with string (doesn't accept empty string, use whitespace if you need)
# php_value error_prepend_string " "

# Don't prepend to error (doesn't accept empty string, use whitespace if you need)
# php_value error_append_string " "

# Increase cookie security
<IfModule php5_module>
    php_value session.cookie_httponly true
</IfModule>
```

