

```
# Apache configuration file
# http://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

###
### 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_setenvif.c>
  <IfModule mod_headers.c>
    BrowserMatch MSIE ie
    Header set X-UA-Compatible "IE=Edge,chrome=1" env=ie
  </IfModule>
</IfModule>

<IfModule mod_headers.c>
# Because X-UA-Compatible isn't sent to non-IE (to save header bytes),
# We need to inform proxies that content changes based on UA
  Header append Vary User-Agent
# Cache control is set only if mod_headers is enabled, so that's unnecessary to declare
</IfModule>

# -----
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```
# Cross-domain XMLHttpRequests
# -----

# Serve cross-domain ajax requests, disabled.
# enable-cors.org
# code.google.com/p/html5security/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|otf|eot|woff|font. css)$">
  <IfModule mod_headers.c>
    Header set Access-Control-Allow-Origin "*"
  </IfModule>
</FilesMatch>

# -----

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

# audio
AddType audio/ogg                oga ogg

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

# Proper svg serving. 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 font/truetype ttf
AddType font/opentype otf
AddType font/opentype woff
    # ^ hack to avoid chrome console warning: crbug.com/70283

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

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

# e.g. Inside of script, combined.js you could have
# <!--#include file="jquery.js" -->
# <!--#include file="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|css)$">
#     Options +Includes
#     SetOutputFilter INCLUDES
# </FilesMatch>

# -----
# gzip compression
# -----

<IfModule mod_deflate.c>
```

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# 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,?\s(gzip|deflate)?l X(4,13)|^(4,13)|-(4,13))$ HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
  </IfModule>
</IfModule>
# html, txt, css, js, json, xml, htc:
<IfModule filter_module>
  FilterDeclare COMPRESS
  FilterProvider COMPRESS DEFLATE resp=Content-Type
/text/(html|css|javascript|plain|x(ml|-component))/
  FilterProvider COMPRESS DEFLATE resp=Content-Type /application/(javascript|json|xml|x-
javascript)/
  FilterChain COMPRESS
  FilterProtocol COMPRESS 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 text/javascript application/javascript application/x-
javascript
  AddOutputFilterByType DEFLATE text/xml application/xml text/x-component
</IfModule>

# webfonts and svg:
<FilesMatch "\.(ttf|otf|eot|svg)$" >
  SetOutputFilter DEFLATE
</FilesMatch>
</IfModule>

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

# these are pretty far-future expires headers
# they assume you control versioning with cachebusting query params like

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```
# <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 week" or so

<IfModule mod_expires.c>
    ExpiresActive on

# Perhaps better to whitelist expires rules? Perhaps.
    ExpiresDefault                                "access plus 1 month"

# cache.manifest 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"

# webfonts
```

```
ExpiresByType font/truetype "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType 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 2 months"
ExpiresByType application/javascript "access plus 2 months"
ExpiresByType text/javascript "access plus 2 months"
<IfModule mod_headers.c>
  Header append Cache-Control "public"
</IfModule>
</IfModule>

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

# 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 "ExpiresByType" rules for 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
# -----
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# 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
IVAI IVDi CONi HIS OUR IND CNT\""
#   </Location>
# </IfModule>

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

# Turning on the rewrite engine is necessary for the following rules and features.

<IfModule mod_rewrite.c>
    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 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. 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 option 2.
# 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/$1 [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 certain parts of your website.

# <IfModule mod_rewrite.c>
#   RewriteCond %{HTTPS} !=on
#   RewriteCond %{HTTP_HOST} !^www\..+$ [NC]
#   RewriteCond %{HTTP_HOST} (.+) $ [NC]
#   RewriteRule ^(.*)$ http://www.%1/$1 [R=301,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.com.com/$1 [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
# e.g. /blog/hello : webmasterworld.com/apache/3808792.htm
```

Options -MultiViews

```
# -----  
# custom 404 page  
# -----  
  
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  
  
# -----  
# 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  
# through  
# every folder on your 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
```

```
# If your server is not already configured as such, the following directive
# should be uncommented in order to set PHP's register_globals option to OFF.
# This closes a major security hole that is abused by most XSS (cross-site
# scripting) 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 make this change in your php.ini file instead. If you are
# using a commercial web host, contact the administrators for assistance in
# doing this. Not all servers allow local php.ini files, and they should
# include all PHP configurations (not just this one), or you will effectively
# reset everything to PHP defaults. Consult www.php.net for more detailed
# information about setting PHP directives.

# php_flag register_globals Off
```