```
# 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: modxcms.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 unncessary to declare
</IfModule>

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

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

# 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 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|css)$">
#          Options +Includes
#          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-EncodXng|X-cept-Encoding|X{15}|~{15}|-{15})$
^((gzip|deflate)\s,?\s(gzip|deflate)?|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
```

```
#    <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.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 "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
# ------------------------------------------------------------------------


# 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.
# 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 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>

# ----------------------------------------------------------------------
# Add/remove trailing slash to (non-file) URLs
# ----------------------------------------------------------------------

# Google treats URLs with and without trailing slashes separately.
# Forcing a trailing slash is usually preferred, but all that's really
# important is that one correctly redirects to the other.

# By default option 1 (force trailing slash) is activated.
```

```
# http://googlewebmastercentral.blogspot.com/2010/04/to-slash-or-not-to-slash.html
# http://www.alistapart.com/articles/slashforward/
# http://httpd.apache.org/docs/2.0/misc/rewriteguide.html#url  Trailing Slash Problem


# ------------------------------------------------------------------


# Option 1:
# Rewrite "domain.com/foo -> domain.com/foo/"

<IfModule mod_rewrite.c>
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_URI} !(\.[a-zA-Z0-9]{1,5}|/|#(.*))$
    RewriteRule ^(.*)$ $1/ [R=301,L]
</IfModule>


# ------------------------------------------------------------------


# Option 2:
# Rewrite "domain.com/foo/ -> domain.com/foo"

#<IfModule mod_rewrite.c>
#   RewriteRule ^(.*)/$ $1 [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 consider enabling this, which will route requests for
# /css/style.20110203.css to /css/style.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>
```

```
# </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/$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
# ------------------------------------------------------------------


# 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
```

```
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
# 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
```

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

# do not show you are using php
# 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>
```