

```
# 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 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-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

```

```
# <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, apache 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 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  
# -----  
  
# 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*

*# -----*



```
" -----  
  
# 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  
  
# -----  
# 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>
```