

```
# 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_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>

# -----
# Cache control: HTTP headers
```

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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
AddType audio/mp4                m4a

# Video
AddType video/ogg                ogv
AddType video/mp4                mp4 m4v
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
# -----
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<IfModule mod_deflate.c>

# Force deflate for mangled headers developer.yahoo.com/blogs/ymn/posts/2010/12/pushing-
beyond-gzipping/
<IfModule mod_setenvif.c>
    <IfModule mod_headers.c>
        SetEnvIfNoCase ^(\Accept-Encoding|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, JavaScript, 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)
# -----

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# 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.
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```
ExpiresDefault "access plus 1 month"
```

```
# cache, apache needs re-requests in FF 3.6 (thanks 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).

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```
# 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>

# -----

# 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>
```

```
# -----  
# 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

# -----
# 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 :
#
# You can remove this and still run PHP directives to be set via .htaccess. To that
```

```
# 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>

RewriteCond %(REQUEST_FILENAME) !-f
RewriteRule ^(.*)$ index.php [QSA,L]
```