

```
# 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>

# -----
# -----
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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/ydn/posts/2010/12/pushing-
beyond-gzipping/
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl X(15)l ~(15)l -(15))$
    ^((gzip|deflate)\s,?\s(gzip|deflate)?l X(4,13)l ~(4,13)l -(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.
    ExpiresDefault          "access plus 1 month"

    # cache, apcache 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
  RewriteRule ^([^\./]*)/?$ index.php?page=$1 [L]
</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>

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

# If you're not using the build script to manage your filename version rewving,
# 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
```

```
# 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>

# prevent viewing of a specific file
#<files emails.txt>
#order allow,deny
#deny from all
#</files>

#<Directory ~ "upload">
#Order allow,deny
#Deny from all
#</Directory>

#IndexIgnore /upload/*
```