

```
# 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_headers.c>
  Header set X-UA-Compatible "IE=Edge,chrome=1"
  # mod_headers can't match by content-type, but we don't want to send this header on *ev*
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|pdf|xml|ogal|ogg|m4a|ogv|mp4|m4v|webm|svg|svgz|eot|ttf|otf|woff|ico|webp|appcache|manifest|
>
  Header unset X-UA-Compatible
</FilesMatch>
</IfModule>

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

# Serve cross-domain ajax requests, disabled.
# enable-cors.org
# code.google.com/apis/ajax/extensions/cors/
# www.w3.org/TR/2015/CR-CORS-1.0/
```

```
# code, google, com/p/n/m/5security/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 "subdomain.example.com".

<FilesMatch "\.(ttf|ttd|otf|eot|woff|font. css)$">
  <IfModule mod_headers.c>
    Header set Access-Control-Allow-Origin "*"
  </IfModule>
</FilesMatch>

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

# JavaScript
#   Normalize to standard type (it's sniffed in IE anyways)
#   tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript      js

# Audio
AddType audio/ogg                    oga ogg
AddType audio/mp4                    m4a

# Video
AddType video/ogg                     ogv
AddType video/mp4                     mp4 m4v
AddType video/webm                    webm

# SVG.
#   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 application/x-font-ttf        ttf ttc
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
```

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# -----
# 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$">
# Options +Includes
# AddOutputFilterByType INCLUDES application/javascript application/json
# SetOutputFilter INCLUDES
#</FilesMatch>
#<FilesMatch "\.combined\.css$">
# Options +Includes
# AddOutputFilterByType INCLUDES text/css
```

```

# SetOutputFilter INCLUDES
#</FilesMatch>

# -----
# Gzip compression
# -----

<IfModule mod_deflate.c>

# Force deflate for mangled headers developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-bey
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-Encoding|X-cept-Encoding|X(15)|^(15)|-(15))$ ^((gzip deflate)\s
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
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/css
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/plain
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $text/x-component
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/javascript
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/json
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/xhtml+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/rss+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/atom+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/vnd.ms-fontobject
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $image/svg+xml
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/x-font-ttf
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $font/opentype
  FilterChain      COMPRESS
  FilterProtocol   COMPRESS DEFLATE change=yes;byteranges=no
</IfModule>

<IfModule !mod_filter.c>

```

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# Legacy versions of Apache
AddOutputFilterByType DEFLATE text/html text/plain text/css application/json
AddOutputFilterByType DEFLATE application/javascript
AddOutputFilterByType DEFLATE text/xml application/xml text/x-component
AddOutputFilterByType DEFLATE application/xhtml+xml application/rss+xml application/atom+
AddOutputFilterByType DEFLATE image/svg+xml application/vnd.ms-fontobject application/x-fc
</IfModule>
</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 (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"

# Feed
    ExpiresByType application/rss+xml            "access plus 1 hour"

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ExpiresByType application/atom+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"

<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>

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```
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 IVA
CNTV""
#   </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>

# -----
# Forward . anything to .com
# COMMENTED OUT FOR DEV.
# ONLY USE WHEN LIVE!
# -----
#<IfModule mod_rewrite.c>
# RewriteCond %{HTTPS} !=on
# RewriteCond %{HTTP_HOST} (.+)\.(.+)$
# RewriteCond %2 !=com
# RewriteRule ^ http://%1\.(com){REQUEST_URI} [NC,L,R=301]
#</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
# 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.

<IfModule mod_rewrite.c>
  RewriteCond %{HTTPS} !=on
  RewriteCond %{HTTP_HOST} ^www\.(.+) $ [NC]
  RewriteRule ^ http://%1{REQUEST_URI} [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 whu this is important and a better idea than all.css?v1231.

```



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# 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 ^(.+)?\.(.+)?\.(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.example.com when your cert only allows https://secure.example.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%{REQUEST_URI} [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 do
# 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
```

```
# 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 .atom

# -----
# 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 thi
# 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 your host for more detailed
```



```
# php_value error_append_string ""

# Increase cookie security
<IfModule php5_module>
    php_value session.cookie_httponly true
</IfModule>
```