

```
# 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>

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

```
# 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
```

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

```
<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-Encoding|X-cept-Encoding|X(15)|^(15)|-(15))$
```

```
^((gzip|deflate)\s*,?\s*)+([X"-]{4,13})$ HAVE_Accept-Encoding
```

```
RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
```

```
</IfModule>
```

```
</IfModule>
```

```
# Compress all output labeled with one of the following MIME-types
```

```
<IfModule mod_filter.c>
```

```
AddOutputFilterByType DEFLATE application/atom+xml \  
application/javascript \  
application/json \  
application/rss+xml \  
application/vnd.ms-fontobject \  
application/x-font-ttf \  
application/xhtml+xml \  
application/xml \  
font/opentype \  
image/svg+xml \  
image/x-icon \  
text/css \  
text/html \  
text/plain \  
text/x-component \  
text/xml
```

```
</IfModule>
```

```
</IfModule>
```

```
# -----  
# Expires headers (for better cache control)  
# -----
```

```
# These are pretty far-future expires headers.  
# They assume you control versioning with filename-based cache busting  
# 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".

<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"
    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/jpeg                   "access plus 1 month"
    ExpiresByType image/jpg                     "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 application/x-font-ttf      "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>

# -----
# 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>

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IVAI IVDi CONi HIS OUR IND CNT\""
#   </Location>
# </IfModule>

# ----- start use eliot htaccess ----- #

<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteBase /cavaproperty/

    #Removes access to the system folder by users.
    #Additionally this will allow you to create a System.php controller,
    #previously this would not have been possible.
    #'system' can be replaced if you have renamed your system folder.
    RewriteCond %{REQUEST_URI} ^system.*
    RewriteRule ^(.*)$ /index.php?/$1 [L]

    #When your application folder isn't in the system folder
    #This snippet prevents user access to the application folder
    #Submitted by: Fabdro1
    #Rename 'application' to your applications folder name.
    RewriteCond %{REQUEST_URI} ^application.*
    RewriteRule ^(.*)$ /index.php?/$1 [L]

    #Checks to see if the user is attempting to access a valid file,
    #such as an image or css document, if this isn't true it sends the
    #request to index.php
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteRule ^(.*)$ index.php?/$1 [L]
</IfModule>

```



```
-----  
<IfModule !mod_rewrite.c>
```

```
    # If we don't have mod_rewrite installed, all 404's  
    # can be sent to index.php, and everything works as normal.  
    # Submitted by: ElliotHaughin
```

```
    ErrorDocument 404 /index.php
```

```
</IfModule>
```

```
# --- end of use eliot htaccess --- #
```

```
# -----  
# 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 ^(.+)?\.(?: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]
```

```
# RewriteRule ^/.* /example.com/... [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 # remove this coz make it error

# -----
# 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
```

*through*

*# every folder on your server (which includes rather private places like CMS system folders).*

*# Options -Indexes*