```
<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(.*)$ index.php [QSA,L]
</IfModule>


# 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 possib
# 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: modxcms.com

###
### If you run a webserver other than Apache, consider:
### github.com/h5bp/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 *every
  <FilesMatch "\.(js|css|gif|png|jpe?
g|pdf|xml|oga|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 by default.
# enable-cors.org
# code.google.com/p/html5security/wiki/CrossOriginRequestSecurity


#   <IfModule mod_headers.c>
#     Header set Access-Control-Allow-Origin "*"
#   </IfModule>


# ----------------------------------------------------------------------
# CORS-enabled images (@crossorigin)
# ----------------------------------------------------------------------


# Send CORS headers if browsers request them; enabled by default for images.
# developer.mozilla.org/en/CORS_Enabled_Image
# blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html
# hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/
# wiki.mozilla.org/Security/Reviews/crossoriginAttribute

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    # mod_headers, y u no match by Content-Type?!
    <FilesMatch "\.(gif|png|jpe?g|svg|svgz|ico|webp)$">
      SetEnvIf Origin ":" IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>


# ----------------------------------------------------------------------
# Webfont access
# ----------------------------------------------------------------------


# Allow access from all domains for webfonts.
# Alternatively you could only whitelist your
# subdomains like "subdomain.example.com".


<IfModule mod_headers.c>
```

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


# ----------------------------------------------------------------------
# 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-opera-extension        oex
AddType application/x-xpinstall              xpi
AddType application/octet-stream             safariextz
AddType application/x-web-app-manifest+json webapp
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$">
#  Options +Includes
#  AddOutputFilterByType INCLUDES application/javascript application/json
#  SetOutputFilter INCLUDES
#</FilesMatch>
#<FilesMatch "\.combined\.css$">
#  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-be
  <IfModule mod_setenvif.c>
    <IfModule mod_headers.c>
      SetEnvIfNoCase ^(Accept-EncodXng|X-cept-Encoding|X{15}|~{15}|-{15})$ ^((gzip|deflate)\
```

```
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 $image/x-icon
    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>
    # 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/x-icon image/svg+xml application/vnd.ms-fontobject a
font/opentype
  </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"
  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"
```

```apache
    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
```

```apache
# 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 IVI
#   </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
# 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.example.com -> example.com"

<IfModule mod_rewrite.c>
  RewriteCond %{HTTPS} !=on
  RewriteCond %{HTTP_HOST} ^www\.(.+)$ [NC]
  RewriteRule ^ http://%1%{REQUEST_URI} [R=301,L]
</IfModule>


# ----------------------------------------------------------------------


# Option 2:
# To rewrite "example.com -> www.example.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]
#   RewriteRule ^ http://www.%{HTTP_HOST}%{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 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/h5bp/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.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 dou
#    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 .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 th
# every folder on your server (which includes rather private places like CMS system folders.
<IfModule mod_autoindex.c>
  Options -Indexes
</IfModule>


# 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>
  RewriteCond %{SCRIPT_FILENAME} -d
  RewriteCond %{SCRIPT_FILENAME} -f
  RewriteRule "(^|/)\." - [F]
</IfModule>


# Block access to backup and source files
# This files may be left by some text/html editors and
# pose a great security danger, when someone can access them
<FilesMatch "(\.(bak|config|sql|fla|psd|ini|log|sh|inc|swp|dist)|~)$">
  Order allow,deny
  Deny from all
  Satisfy All
</FilesMatch>


# 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
# Note: Move this line to php.ini since it won't work in .htaccess
# 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
# Note: Leave this setting 'On' for xdebug's var_dump() output
# 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>
```