```
# ----------------------------------------------------------------------
# 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 "\.(appcache|crx|css|eot|gif|htc|ico|jpe?
g|js|m4a|m4v|manifest|mp4|oex|oga|ogg|ogv|otf|pdf|png|safariextz|svg|svgz|ttf|vcf|webm|webp
    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>
```

```
  <IfModule mod_headers.c>
    # mod_headers, y u no match by Content-Type?!
    <FilesMatch "\.(gif|ico|jpe?g|png|svg|svgz|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 "\.(eot|font.css|otf|ttc|ttf|woff)$">
    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 jsonp
AddType application/json               json

# Audio
AddType audio/mp4                      m4a f4a f4b
AddType audio/ogg                      oga ogg

# Video
AddType video/mp4                      mp4 m4v f4v f4p
AddType video/ogg                      ogv
AddType video/webm                     webm
```

```
AddType video/x-flv                     flv

# 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 application/x-font-woff        woff
AddType font/opentype                  otf

# Assorted types
AddType application/octet-stream            safariextz
AddType application/x-chrome-extension      crx
AddType application/x-opera-extension       oex
AddType application/x-shockwave-flash       swf
AddType application/x-web-app-manifest+json webapp
AddType application/x-xpinstall             xpi
AddType application/xml                     rss atom xml rdf
AddType image/webp                          webp
AddType image/x-icon                        ico
AddType text/cache-manifest                 appcache manifest
AddType text/vtt                            vtt
AddType text/x-component                    htc
AddType text/x-vcard                        vcf

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

<IfModule mod_deflate.c>

  # Force deflate for mangled headers developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-b
  <IfModule mod_setenvif.c>
    <IfModule mod_headers.c>
      SetEnvIfNoCase ^(Accept-EncodXng|X-cept-Encoding|X{15}|~{15}|-{15})$ ^((gzip|deflate)\
{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 application/json          "access plus 0 seconds"
  ExpiresByType application/xml           "access plus 0 seconds"
  ExpiresByType text/xml                  "access plus 0 seconds"

# Feed
  ExpiresByType application/atom+xml      "access plus 1 hour"
  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 audio/ogg                 "access plus 1 month"
  ExpiresByType image/gif                 "access plus 1 month"
  ExpiresByType image/jpeg                "access plus 1 month"
  ExpiresByType image/png                 "access plus 1 month"
  ExpiresByType video/mp4                 "access plus 1 month"
  ExpiresByType video/ogg                 "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/vnd.ms-fontobject "access plus 1 month"
  ExpiresByType application/x-font-ttf    "access plus 1 month"
  ExpiresByType application/x-font-woff   "access plus 1 month"
  ExpiresByType font/opentype             "access plus 1 month"
  ExpiresByType image/svg+xml             "access plus 1 month"

# CSS and JavaScript
  ExpiresByType application/javascript    "access plus 1 year"
```

```
  ExpiresByType text/css                  "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

# ----------------------------------------------------------------------
# Start rewrite engine
# ----------------------------------------------------------------------

# Turning on the rewrite engine is necessary for the following rules and
# features. FollowSymLinks must be enabled for this to work.

# Some cloud hosting services require RewriteBase to be set: goo.gl/HOcPN
# If using the h5bp in a subdirectory, use `RewriteBase /foo` instead where
# 'foo' is your directory.

# If your web host doesn't allow the FollowSymlinks option, you may need to
# comment it out and use `Options +SymLinksIfOwnerMatch`, but be aware of the
# performance impact: http://goo.gl/Mluzd

<IfModule mod_rewrite.c>
  Options +FollowSymlinks
# Options +SymLinksIfOwnerMatch
  RewriteEngine On
  RewriteBase /
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_URI} !=/favicon.ico
```

```
  RewriteRule ^ index.php [QSA,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.
# no-www.org/faq.php?q=class_b

# If you'd prefer 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:
# Rewrite "example.com -> www.example.com".
# 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>

# ----------------------------------------------------------------------
# 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.
# webmasterworld.com/apache/3808792.htm

Options -MultiViews

# ----------------------------------------------------------------------
# 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 .atom .css .js .json .rss .vtt .xml

# ----------------------------------------------------------------------
# A little more security
# ----------------------------------------------------------------------

# To avoid displaying the exact version number of Apache being used, add the
# following to 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).
<IfModule mod_autoindex.c>
  Options -Indexes
</IfModule>

# Block access to "hidden" directories or files 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 [OR]
  RewriteCond %{SCRIPT_FILENAME} -f
  RewriteRule "(^|/)\." - [F]
</IfModule>

# http://detectmobilebrowsers.com/
# <IfModule mod_rewrite.c>
#   RewriteCond %{HTTP_USER_AGENT}
android|avantgo|blackberry|blazer|compal|elaine|fennec|hiptop|iemobile|ip(hone|od)|iris|kin
|maemo|midp|mmp|opera\ m(ob|in)i|palm(\ os)?|phone|p(ixi|re)\/|pluckerpocket|psp|symbian|t
(browser|link)|vodafone|wap|windows\ (ce|phone)|xda|xiino [NC,OR]
#   RewriteCond %{HTTP_USER_AGENT} ^(1207|6310|6590|3gso|4thp|50[1-6]i|770s|802s|a\ wa|abac
)|ai(ko|rn)|al(av|ca|co)|amoi|an(ex|ny|yw)|aptu|ar(ch|go)|as(te|us)|attw|au(di|\-m|r\ |s\
)|avan|be(ck|ll|nq)|bi(lb|rd)|bl(ac|az)|br(e|v)w|bumb|bw\-(n|u)|c55\/|capi|ccwa|cdm\-|cell|
|co(mp|nd)|craw|da(it|ll|ng)|dbte|dc\-s|devi|dica|dmob|do(c|p)o|ds(12|\-
d)|el(49|ai)|em(12|ul)|er(ic|k0)|esl8|ez([4-7]0|os|wa|ze)|fetc|fly(\-|_)|g1\ u|g560|gene|gf
|go(\.w|od)|gr(ad|un)|haie|hcit|hd\-(m|p|t)|hei\-|hi(pt|ta)|hp(\ i|ip)|hs\-c|ht(c(\-|\
|_|a|g|p|s|t)|tp)|hu(aw|tc)|i\-(20|go|ma)|i230|iac(\ |\-
|\/)|ibro|idea|ig01|ikom|im1k|inno|ipaq|iris|ja(t|v)a|jbro|jemu|jigs|kddi|keji|kgt(\ |\/)|k
|kyo(c|k)|le(no|xi)|lg(\ g|\/(k|l|u)|50|54|e\-|e\/|\-[a-w])|libw|lynx|m1\-
|m3ga|m50\/|ma(te|ui|xo)|mc(01|21|ca)|m\-cr|me(di|rc|ri)|mi(o8|oa|ts)|mmef|mo(01|02|bi|de|
|ol|v)|zz)|mt(50|p1|v\ )|mwbp|mywa|n10[0-2]|n20[2-3]|n30(0|2)|n50(0|2|5)|n7(0(0|1)|10)|ne((c|
|on|tf|wf|wg|wt)|nok(6|i)|nzph|o2im|op(ti|ww)|oran|owg1|p800|pan(a|d|t)|pdxg|pg(13|\-([1-
8]|c))|phil|pire|pl(ay|uc)|pn\-2|po(ck|rt|se)|prox|psio|pt\-g|qa\-a|qc(07|12|21|32|60|\-[2-
)|qtek|r380|r600|raks|rim9|ro(ve|zo)|s55\/|sa(ge|ma|mm|ms|ny|va)|sc(01|h\-|oo|p\-)|sdk\/|se
|0|1)|47|mc|nd|ri)|sgh\-|shar|sie(\-|m)|sk\-0|sl(45|id)|sm(al|ar|b3|it|t5)|so(ft|ny)|sp(01|h
)|sy(01|mb)|t2(18|50)|t6(00|10|18)|ta(gt|lk)|tcl\-|tdg\-|tel(i|m)|tim\-|t\-mo|to(pl|sh)|ts(
|m3|m5)|tx\-9|up(\.b|g1|si)|utst|v400|v750|veri|vi(rg|te)|vk(40|5[0-3]|\-
v)|vm40|voda|vulc|vx(52|53|60|61|70|80|81|83|85|98)|w3c(\-|\ )|webc|whit|wi(g\ |nc|nw)|wmlb|
|2|g)|yas\-|your|zeto|zte\-) [NC]
#   RewriteRule ^$ http://www.example.com/mobile [R,L]
# </IfModule>

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

```
  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

# Disable magic quotes (This feature has been DEPRECATED as of PHP 5.3.0 and REMOVED as of
# php_flag magic_quotes_gpc Off

# 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
```

```
# 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 mod_php5.c>
  php_value session.cookie_httponly true
</IfModule>
```