

```
# -----  
# 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>  
  
# -----  
# 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

# video
AddType video/ogg                ogv
AddType video/mp4                mp4
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

# -----
# gzip compression
# -----

<IfModule mod_deflate.c>

# force deflate for mangled headers developer.yahoo.com/blogs/ymn/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(gzip|deflate)?|X(4,13)|^(4,13)|-(4,13))$ HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
  
```

```

    </IfModule>
</IfModule>
# html, txt, css, js, 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)
# -----

# 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 (thx 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 2 months"
ExpiresByType application/javascript "access plus 2 months"
ExpiresByType text/javascript   "access plus 2 months"

<IfModule mod_headers.c>
    Header append Cache-Control "public"
</IfModule>

</IfModule>

# -----
# ETag removal
# -----

# 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

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

# Turning on the rewrite engine is necessary for the following rules and features.

# Turn on URL rewriting

```

RewriteEngine On

Installation directory

RewriteBase /

Protect hidden files from being viewed

<Files .*>

Order Deny,Allow

Deny From All

</Files>

Protect application and core files from being viewed

RewriteRule ^(?: appl|core)\b.* index.php/\$0 [L]

Allow any files or directories that exist to be displayed directly

RewriteCond %{REQUEST_FILENAME} !-f

RewriteCond %{REQUEST_FILENAME} !-d

Rewrite all other URLs to index.php/URL

RewriteRule .* index.php/\$0 [PT]

*# -----
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.  
# 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
```