

```
# -----
# 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 "subdomain.example.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
# -----

# Proper
```

```
# 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 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
```

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

```
# 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, 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/javascript
    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/x-javascript
    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>
    # 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
    AddOutputFilterByType DEFLATE application/xhtml+xml application/rss+xml
application/atom+xml
    AddOutputFilterByType DEFLATE image/svg+xml application/vnd.ms-fontobject application/x-
font-ttf 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"

# 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 1 year"
ExpiresByType application/javascript "access plus 1 year"
ExpiresByType text/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>
  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.  
  
<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 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. 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/$1 [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]
#   RewriteCond %{HTTP_HOST} (.+)$ [NC]
#   RewriteRule ^(.*)$ http://www.%1/$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>  
  
# Increase cookie security  
<IfModule php5_module>  
  php_value session.cookie_httponly true  
</IfModule>
```