

```
# -----
# 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?
gl|pdf|xml|ogal|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>
</IfModule>
```

```
<!Module 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>
```

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# -----
# 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

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

<IfModule mod_deflate.c>

# Force deflate for mangled headers developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-bi
<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:

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```

<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 ;
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"
    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 WVD IAi" /  
#   </Location>  
# </IfModule>  
  
# -----  
# 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
```