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# -----
# 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
  # everything...
  <FilesMatch "\.(js|css|ico)$" >
    Header unset X-UA-Compatible
  </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

# Assorted types
AddType image/x-icon                ico

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

<IfModule mod_deflate.c>

# Force deflate for mangled headers developer.yahoo.com/blogs/ymdn/posts/2010/12/pushing-beyond-gzipping/
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXng|X-cept-Encoding|X(15)|^(15)|-(15))$
  </IfModule>
  </IfModule>
  </IfModule>

```

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((gzip|deflate)\S*,(\S*)+LX -1\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/plain
    FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/javascript
    FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/json
    FilterProvider   COMPRESS DEFLATE resp=Content-Type $application/xhtml+xml
    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+xml
</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.

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```
<IfModule mod_expires.c>
  ExpiresActive on

  # Perhaps better to whitelist expires rules? Perhaps.
  ExpiresDefault          "access plus 1 month"

  # 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"

  # Favicon (cannot be renamed)
  ExpiresByType image/x-icon "access plus 1 week"

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

```
# -----  
# 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  
  
# -----  
# A little more security  
# -----  
  
# "-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>
```