

```

# -----
# 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
```

```
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 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
```

```
AddType text/x-vcard vcf
```

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

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# -----
```

```
<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-EncodXngl X-cept-Encodngl X(15)|^(15)|-(15))$
```

```
ForceType text/plain
```

```

^((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/jpeg        "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 week"
ExpiresByType application/javascript  "access plus 1 week"
ExpiresByType text/javascript         "access plus 1 week"

<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>

# -----
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```
# 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

rename session cookie to something else, than PHPSESSID

php_value session.name sid

do not show you are using php

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

```
... - - - - -

# format errors in plain text
# 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 php5_module>
php_value session.cookie_httponly true
</IfModule>
```