

```
<IfModule mod_rewrite.c>
  RewriteEngine on

  # Some hosts require a rewritebase rule, if so, uncomment the RewriteBase line below. If
  # you are running from a subdirectory, your rewritebase should match the name of the path to
  # where stacey is stored.
  # ie. if in a folder named 'stacey', RewriteBase /stacey
  #RewriteBase /

  ErrorDocument 404 /404.html

  # Redirect /code-and-design/* to /work/*
  RewriteRule ^code-and-design/(.*) /work/$1 [R=301,L]

  # Rewrite any calls to *.html, *.json, *.xml, *.atom, *.rss, *.rdf or *.txt if a folder
  # matching * exists
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_URI} !public/
  RewriteCond %{DOCUMENT_ROOT}/public/$1.$2 !-f
  RewriteRule (.+)\.(html|json|xml|atom|rss|rdf|txt)$ $1/ [L]

  # Add a trailing slash to directories
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_URI} !(\.)
  RewriteCond %{REQUEST_URI} !(\.)*/$
  RewriteRule ([^/]+)$ $1/ [L]

  # Rewrite any calls to /* or /app to the index.php file
  RewriteCond %{REQUEST_URI} /app/$
  RewriteRule ^app/ index.php [L]
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteRule ^(\.)*/$ index.php?$1 [L]

  # Rewrite any file calls to the public directory
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_URI} !public/
  RewriteRule ^(\.)*$ public/$1 [L]
```

```
</IfModule>

# -----
# 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>

# -----
# 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 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/ymh/posts/2010/12/pushing-beyond-gzipping/

```
<IfModule mod_setenvif.c>
```

```
<IfModule mod_headers.c>
```

```
SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl X(15)l ~(15)l -(15))$
```

```
^(|(gzip|deflate)\s,?\s(gzip|deflate)?l X(4,13)l ~(4,13)l -(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 "%(CONTENT_TYPE) = 'text/html'"
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'text/css'"
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'text/javascript'"
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'text/plain'"
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'text/xml'"
```

```

FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'text/x-component'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/javascript'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/json'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/xml'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/x-javascript'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/xhtml+xml'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/rss+xml'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/atom+xml'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/vnd.ms-fontobject'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'image/svg+xml'"
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'application/x-font-ttf'"
FilterProvider COMPRESS DEFLATE "%(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, apcache 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 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
```

```
# -----
# 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 .atom
```