

```
# -----  
# .htaccess  
#  
# A .htaccess file (hypertext access) is the  
# configuration file that allows for web server configuration.  
# -----  
  
# -----  
# ERROR documents  
# -----  
ErrorDocument 400 /errors/badrequest.html  
ErrorDocument 401 /errors/authreqd.html  
ErrorDocument 403 /errors/forbid.html  
ErrorDocument 404 /errors/notfound.html  
ErrorDocument 500 /errors/server.html  
  
# -----  
# Proper MIME type for all files  
# -----  
  
# JavaScript  
AddType application/javascript js jsonp  
AddType application/json json  
  
# Audio  
AddType audio/ogg oga ogg  
AddType audio/mp4 m4a f4a f4b  
  
# Video  
AddType video/ogg ogv  
AddType video/mp4 mp4 m4v f4v f4p  
AddType video/webm webm  
AddType video/x-flv flv  
  
# SVG  
AddType image/svg+xml svg svgz  
AddEncoding gzip svgz  
  
# Webfonts  
AddType application/vnd.ms-fontobject eot  
AddType application/x-font-ttf ttf ttfz
```

```
HeaderType 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/xml              rss atom xml rdf
```

```
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
```

```
AddType application/x-shockwave-flash swf
```

```
AddType text/vtt                      vtt
```

```
# -----  
# Compression: http://code.google.com/speed/page-speed/docs/payload.html #GzipCompression  
# -----
```

```
<IfModule mod_deflate.c>
```

```
  AddOutputFilterByType DEFLATE application/atom+xml
```

```
  AddOutputFilterByType DEFLATE application/json
```

```
  AddOutputFilterByType DEFLATE application/xhtml+xml
```

```
  AddOutputFilterByType DEFLATE application/xml
```

```
  AddOutputFilterByType DEFLATE text/css
```

```
  AddOutputFilterByType DEFLATE text/html
```

```
  AddOutputFilterByType DEFLATE text/plain
```

```
  AddOutputFilterByType DEFLATE text/x-component
```

```
  AddOutputFilterByType DEFLATE text/xml
```

```
# The following MIME types are in the process of registration
```

```
AddOutputFilterByType DEFLATE application/xslt+xml
```

```
AddOutputFilterByType DEFLATE image/svg+xml
```

```
# The following MIME types are NOT registered
```

```
AddOutputFilterByType DEFLATE application/mathml+xml
```

```
AddOutputFilterByType DEFLATE application/rss+xml
```

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

```

# JavaScript has various MIME types
AddOutputFilterByType DEFLATE application/javascript
AddOutputFilterByType DEFLATE application/x-javascript
AddOutputFilterByType DEFLATE text/ecmascript
AddOutputFilterByType DEFLATE text/javascript

# .ico files and other compressible images
AddOutputFilterByType DEFLATE image/vnd.microsoft.icon
AddOutputFilterByType DEFLATE image/x-icon
AddOutputFilterByType DEFLATE image/bmp
AddOutputFilterByType DEFLATE image/tiff
AddOutputFilterByType DEFLATE application/pdf

# compressible fonts (.woff is already compressed)
AddOutputFilterByType DEFLATE font/opentype
AddOutputFilterByType DEFLATE application/x-font-ttf
AddOutputFilterByType DEFLATE application/vnd.ms-fontobject
</IfModule>

# -----
# Enabling filename rewriting (file.XXX.ext) if URL rewriting is enabled
# Otherwise URLs will use query strings (file.ext?v=XXX)
#
# More proxies cache assets if there is no query string
# -----
<IfModule mod_rewrite.c>
    RewriteEngine On

    # Setting up an environment variable so your code can detect if mod_rewrite rules are
    # executable
    # in this folder and you can use file.123.jpg or you need to fall back to file.jpg?123
    RewriteRule . - [E=URLVERSIONREWRITE:YES]

    # Rewrites a version in file.123.jpg as well as timestamped version
    file.123_m_12345123512354.jpg
    # to original file.jpg so you can use it instead of file.jpg?123 which isn't cached in
    # some proxies.
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(.*)\.(\d+)(_m_\d+)?\.([^\.]*)$ $1.$4 [L,QSA]

    # Rewrites a version in file.ac123fe.jpg to original file.jpg

```

```

# so you can use it instead of file.jpg?123 which isn't cached in some proxies.
# Used for hash-based URLs where having a timestamp is not necessary.
RewriteCond %{REQUEST_FILENAME} !-f
RewriteRule ^(.*)\.([a-z\d]+\).( [^\.]+$ )$ $1.$3 [L,QSA]
</IfModule>

# -----
# -----
# Browser Caching: http://code.google.com/speed/page-speed/docs/caching.html#LeverageBrowserCaching
#
# Google recommends specifying the following for all cacheable resources:
#
# 1. Expires or Cache-Control max-age
#
# Set Expires to a minimum of one month, and preferably up to one year, in the future.
(We
# prefer Expires over Cache-Control: max-age because it is more widely supported.) Do
not
# set it to more than one year in the future, as that violates the RFC guidelines.
#
# 2. Last-Modified or ETag
#
# Set the Last-Modified date to the last time the resource was changed. If the Last-
Modified
# date is sufficiently far enough in the past, chances are the browser won't refetch it.
#
# Per Google: "it is redundant to specify both Expires and Cache-Control: max-age, or to
specify
# both Last-Modified and ETag."
# -----
# -----
<IfModule mod_expires.c>
ExpiresActive On

ExpiresByType application/json "access plus 1 year"
ExpiresByType application/pdf "access plus 1 year"
ExpiresByType application/x-shockwave-flash "access plus 1 year"
ExpiresByType image/bmp "access plus 1 year"
ExpiresByType image/gif "access plus 1 year"
ExpiresByType image/jpeg "access plus 1 year"

```

```
ExpiresByType image/png      "access plus 1 year"
ExpiresByType image/svg+xml  "access plus 1 year"
ExpiresByType image/tiff     "access plus 1 year"
ExpiresByType image/vnd.microsoft.icon  "access plus 1 year"
ExpiresByType image/x-icon   "access plus 1 year"
ExpiresByType text/css       "access plus 1 year"
ExpiresByType video/x-flv    "access plus 1 year"
ExpiresByType application/vnd.bw-fontobject "access plus 1 year"
ExpiresByType application/x-font-ttf      "access plus 1 year"
ExpiresByType application/font-woff      "access plus 1 year"
ExpiresByType font/opentype  "access plus 1 year"
ExpiresByType image/webp     "access plus 1 year"
```

The following MIME types are in the process of registration

```
ExpiresByType application/xslt+xml  "access plus 1 year"
ExpiresByType image/svg+xml        "access plus 1 year"
```

The following MIME types are NOT registered

```
ExpiresByType application/mathml+xml  "access plus 1 year"
ExpiresByType application/rss+xml      "access plus 1 year"
```

JavaScript has various MIME types

```
ExpiresByType application/x-javascript  "access plus 1 year"
ExpiresByType application/javascript    "access plus 1 year"
ExpiresByType text/ecmascript           "access plus 1 year"
ExpiresByType text/javascript           "access plus 1 year"
```

</IfModule>

TODO: Set Last-Modified per Google's recommendation to complete browser caching

```
# -----
# Disabling ETags as they are most likely misconfigured and
# do not add functionalit beyond Last-Modified
# -----
```

<IfModule mod_headers.c>

Try removing etag headers (if it's coming from proxy for example)

```
Header unset ETag
```

</IfModule>

Remove ETags

```
FileETag None
```

