

Prevent file browsing

Options -Indexes

This .htaccess file is used to speed up this website

See <https://github.com/sergeychernyshev/.htaccess>

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Proper MIME type for all files

#

Copied from the HTML5 boilerplate project's .htaccess file

<https://github.com/h5bp/html5-boilerplate/blob/master/.htaccess>

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JavaScript

Normalize to standard type (it's sniffed in IE anyways)

tools.ietf.org/html/rfc4329#section-7.2

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

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/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]

# CMS rewrite rules
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule . index.php [L]
</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"
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The following MIME types are NOT registered

```
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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