

```
# This .htaccess file is used to speed up this website
# See https://github.com/sergeychernyshev/.htaccess

# -----
# Proper MIME type for all files
#
# Copied from the HTML5 boilerplate project's .htaccess file
# https://github.com/h5bp/html5-boilerplate/blob/master/.htaccess
# -----

# 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/ustar ustar
```

```
HTTPHeader 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>
```

```
# Block Bad Bots & Scrapers
```

```
SetEnvIfNoCase User-Agent "Aboundex" bad_bot
SetEnvIfNoCase User-Agent "80legs" bad_bot
SetEnvIfNoCase User-Agent "360Spider" bad_bot
SetEnvIfNoCase User-Agent "^Java" bad_bot
SetEnvIfNoCase User-Agent "^Cogentbot" bad_bot
SetEnvIfNoCase User-Agent "^Alexibot" bad_bot
SetEnvIfNoCase User-Agent "^asterias" bad_bot
```

```
SetEnvIfNoCase User-Agent "^attach" bad_bot
SetEnvIfNoCase User-Agent "^BackDoorBot" bad_bot
SetEnvIfNoCase User-Agent "^BackWeb" bad_bot
SetEnvIfNoCase User-Agent "Bandit" bad_bot
SetEnvIfNoCase User-Agent "^BatchFTP" bad_bot
SetEnvIfNoCase User-Agent "^Bigfoot" bad_bot
SetEnvIfNoCase User-Agent "^Black.Hole" bad_bot
SetEnvIfNoCase User-Agent "^BlackWidow" bad_bot
SetEnvIfNoCase User-Agent "^BlowFish" bad_bot
SetEnvIfNoCase User-Agent "^BotALot" bad_bot
SetEnvIfNoCase User-Agent "Buddy" bad_bot
SetEnvIfNoCase User-Agent "^BuiltBotTough" bad_bot
SetEnvIfNoCase User-Agent "^Bullseye" bad_bot
SetEnvIfNoCase User-Agent "^BunnySlippers" bad_bot
SetEnvIfNoCase User-Agent "^Cegbfeieh" bad_bot
SetEnvIfNoCase User-Agent "^CheeseBot" bad_bot
SetEnvIfNoCase User-Agent "^CherryPicker" bad_bot
SetEnvIfNoCase User-Agent "^ChinaClaw" bad_bot
SetEnvIfNoCase User-Agent "Collector" bad_bot
SetEnvIfNoCase User-Agent "Copier" bad_bot
SetEnvIfNoCase User-Agent "^CopyRightCheck" bad_bot
SetEnvIfNoCase User-Agent "^cosmos" bad_bot
SetEnvIfNoCase User-Agent "^Crescent" bad_bot
SetEnvIfNoCase User-Agent "^Custo" bad_bot
SetEnvIfNoCase User-Agent "^AIBOT" bad_bot
SetEnvIfNoCase User-Agent "^DISCo" bad_bot
SetEnvIfNoCase User-Agent "^DIIbot" bad_bot
SetEnvIfNoCase User-Agent "^DittoSpyder" bad_bot
SetEnvIfNoCase User-Agent "^Download\ Demon" bad_bot
SetEnvIfNoCase User-Agent "^Download\ Devil" bad_bot
SetEnvIfNoCase User-Agent "^Download\ Wonder" bad_bot
SetEnvIfNoCase User-Agent "^dragonfly" bad_bot
SetEnvIfNoCase User-Agent "^Drip" bad_bot
SetEnvIfNoCase User-Agent "^eCatch" bad_bot
SetEnvIfNoCase User-Agent "^EasyDL" bad_bot
SetEnvIfNoCase User-Agent "^ebingbong" bad_bot
SetEnvIfNoCase User-Agent "^EirGrabber" bad_bot
SetEnvIfNoCase User-Agent "^EmailCollector" bad_bot
SetEnvIfNoCase User-Agent "^EmailSiphon" bad_bot
SetEnvIfNoCase User-Agent "^EmailWolf" bad_bot
SetEnvIfNoCase User-Agent "^EroCrawler" bad_bot
```

```
SetEnvIfNoCase User-Agent "^Exabot" bad_bot
SetEnvIfNoCase User-Agent "^Express\ WebPictures" bad_bot
SetEnvIfNoCase User-Agent "Extractor" bad_bot
SetEnvIfNoCase User-Agent "^EyeNetIE" bad_bot
SetEnvIfNoCase User-Agent "^Foobot" bad_bot
SetEnvIfNoCase User-Agent "^flunky" bad_bot
SetEnvIfNoCase User-Agent "^FrontPage" bad_bot
SetEnvIfNoCase User-Agent "^Go-Ahead-Got-It" bad_bot
SetEnvIfNoCase User-Agent "^gotit" bad_bot
SetEnvIfNoCase User-Agent "^GrabNet" bad_bot
SetEnvIfNoCase User-Agent "^Grafula" bad_bot
SetEnvIfNoCase User-Agent "^Harvest" bad_bot
SetEnvIfNoCase User-Agent "^hloader" bad_bot
SetEnvIfNoCase User-Agent "^HMView" bad_bot
SetEnvIfNoCase User-Agent "^HTTrack" bad_bot
SetEnvIfNoCase User-Agent "^humanlinks" bad_bot
SetEnvIfNoCase User-Agent "^IlseBot" bad_bot
SetEnvIfNoCase User-Agent "^Image\ Stripper" bad_bot
SetEnvIfNoCase User-Agent "^Image\ Sucker" bad_bot
SetEnvIfNoCase User-Agent "Indy\ Library" bad_bot
SetEnvIfNoCase User-Agent "^InfoNaviRobot" bad_bot
SetEnvIfNoCase User-Agent "^InfoTekies" bad_bot
SetEnvIfNoCase User-Agent "^Intelliseek" bad_bot
SetEnvIfNoCase User-Agent "^InterGET" bad_bot
SetEnvIfNoCase User-Agent "^Internet\ Ninja" bad_bot
SetEnvIfNoCase User-Agent "^Iria" bad_bot
SetEnvIfNoCase User-Agent "^Jakarta" bad_bot
SetEnvIfNoCase User-Agent "^JennyBot" bad_bot
SetEnvIfNoCase User-Agent "^JetCar" bad_bot
SetEnvIfNoCase User-Agent "^JOC" bad_bot
SetEnvIfNoCase User-Agent "^JustView" bad_bot
SetEnvIfNoCase User-Agent "^Jyxobot" bad_bot
SetEnvIfNoCase User-Agent "^Kenjin. Spider" bad_bot
SetEnvIfNoCase User-Agent "^Keyword. Density" bad_bot
SetEnvIfNoCase User-Agent "^larbin" bad_bot
SetEnvIfNoCase User-Agent "^LexiBot" bad_bot
SetEnvIfNoCase User-Agent "^lftp" bad_bot
SetEnvIfNoCase User-Agent "^libWeb/cI sHTTP" bad_bot
SetEnvIfNoCase User-Agent "^likse" bad_bot
SetEnvIfNoCase User-Agent "^LinkextractorPro" bad_bot
SetEnvIfNoCase User-Agent "^LinkScan/8.1a. Unix" bad_bot
```

```
SetEnvIfNoCase User-Agent "^LNSpiderguy" bad_bot
SetEnvIfNoCase User-Agent "^LinkWalker" bad_bot
SetEnvIfNoCase User-Agent "^lwp-trivial" bad_bot
SetEnvIfNoCase User-Agent "^LWP: : Simple" bad_bot
SetEnvIfNoCase User-Agent "^Magnet" bad_bot
SetEnvIfNoCase User-Agent "^Mag-Net" bad_bot
SetEnvIfNoCase User-Agent "^MarkWatch" bad_bot
SetEnvIfNoCase User-Agent "^Mass\ Downloader" bad_bot
SetEnvIfNoCase User-Agent "^Mata.Hari" bad_bot
SetEnvIfNoCase User-Agent "^Memo" bad_bot
SetEnvIfNoCase User-Agent "^Microsoft.URL" bad_bot
SetEnvIfNoCase User-Agent "^Microsoft\ URL\ Control" bad_bot
SetEnvIfNoCase User-Agent "^MIDown\ tool" bad_bot
SetEnvIfNoCase User-Agent "^MIIXpc" bad_bot
SetEnvIfNoCase User-Agent "^Mirror" bad_bot
SetEnvIfNoCase User-Agent "^Missigua\ Locator" bad_bot
SetEnvIfNoCase User-Agent "^Mister\ PiX" bad_bot
SetEnvIfNoCase User-Agent "^moget" bad_bot
SetEnvIfNoCase User-Agent "^Mozilla/3. Mozilla/2.01" bad_bot
SetEnvIfNoCase User-Agent "^Mozilla.*NEWT" bad_bot
SetEnvIfNoCase User-Agent "^NAMEPROTECT" bad_bot
SetEnvIfNoCase User-Agent "^Navroad" bad_bot
SetEnvIfNoCase User-Agent "^NearSite" bad_bot
SetEnvIfNoCase User-Agent "^NetAnts" bad_bot
SetEnvIfNoCase User-Agent "^Netcraft" bad_bot
SetEnvIfNoCase User-Agent "^NetMechanic" bad_bot
SetEnvIfNoCase User-Agent "^NetSpider" bad_bot
SetEnvIfNoCase User-Agent "^Net\ Vampire" bad_bot
SetEnvIfNoCase User-Agent "^NetZIP" bad_bot
SetEnvIfNoCase User-Agent "^NextGenSearchBot" bad_bot
SetEnvIfNoCase User-Agent "^NG" bad_bot
SetEnvIfNoCase User-Agent "^NICERSPRO" bad_bot
SetEnvIfNoCase User-Agent "^niki-bot" bad_bot
SetEnvIfNoCase User-Agent "^NimbleCrawler" bad_bot
SetEnvIfNoCase User-Agent "^Ninja" bad_bot
SetEnvIfNoCase User-Agent "^NPbot" bad_bot
SetEnvIfNoCase User-Agent "^Octopus" bad_bot
SetEnvIfNoCase User-Agent "^Offline\ Explorer" bad_bot
SetEnvIfNoCase User-Agent "^Offline\ Navigator" bad_bot
SetEnvIfNoCase User-Agent "^Openfind" bad_bot
SetEnvIfNoCase User-Agent "^OutfoxBot" bad_bot
```

```
----- Agent -----
SetEnvIfNoCase User-Agent "^PageGrabber" bad_bot
SetEnvIfNoCase User-Agent "^Papa\ Foto" bad_bot
SetEnvIfNoCase User-Agent "^pavuk" bad_bot
SetEnvIfNoCase User-Agent "^pcBrowser" bad_bot
SetEnvIfNoCase User-Agent "^PHP\ version\ tracker" bad_bot
SetEnvIfNoCase User-Agent "^Pockey" bad_bot
SetEnvIfNoCase User-Agent "^ProPowerBot/2.14" bad_bot
SetEnvIfNoCase User-Agent "^ProWebWalker" bad_bot
SetEnvIfNoCase User-Agent "^psbot" bad_bot
SetEnvIfNoCase User-Agent "^Pump" bad_bot
SetEnvIfNoCase User-Agent "^QueryN.Metasearch" bad_bot
SetEnvIfNoCase User-Agent "^RealDownload" bad_bot
SetEnvIfNoCase User-Agent "Reaper" bad_bot
SetEnvIfNoCase User-Agent "Recorder" bad_bot
SetEnvIfNoCase User-Agent "^ReGet" bad_bot
SetEnvIfNoCase User-Agent "^RepoMonkey" bad_bot
SetEnvIfNoCase User-Agent "^RMA" bad_bot
SetEnvIfNoCase User-Agent "Siphon" bad_bot
SetEnvIfNoCase User-Agent "^SiteSnagger" bad_bot
SetEnvIfNoCase User-Agent "^SlySearch" bad_bot
SetEnvIfNoCase User-Agent "^SmartDownload" bad_bot
SetEnvIfNoCase User-Agent "^Snake" bad_bot
SetEnvIfNoCase User-Agent "^Snapbot" bad_bot
SetEnvIfNoCase User-Agent "^Snoopy" bad_bot
SetEnvIfNoCase User-Agent "^sogou" bad_bot
SetEnvIfNoCase User-Agent "^SpaceBison" bad_bot
SetEnvIfNoCase User-Agent "^SpankBot" bad_bot
SetEnvIfNoCase User-Agent "^spanner" bad_bot
SetEnvIfNoCase User-Agent "^Sqworm" bad_bot
SetEnvIfNoCase User-Agent "Stripper" bad_bot
SetEnvIfNoCase User-Agent "Sucker" bad_bot
SetEnvIfNoCase User-Agent "^SuperBot" bad_bot
SetEnvIfNoCase User-Agent "^SuperHTTP" bad_bot
SetEnvIfNoCase User-Agent "^Surfbot" bad_bot
SetEnvIfNoCase User-Agent "^suzuran" bad_bot
SetEnvIfNoCase User-Agent "^Szukacz/1.4" bad_bot
SetEnvIfNoCase User-Agent "^tAkeOut" bad_bot
SetEnvIfNoCase User-Agent "^Teleport" bad_bot
SetEnvIfNoCase User-Agent "^Telesoft" bad_bot
SetEnvIfNoCase User-Agent "^TurnitinBot/1.5" bad_bot
SetEnvIfNoCase User-Agent "^The_Intraformant" bad_bot
```

```
SetEnvIfNoCase User-Agent "TheNomad" bad_bot
SetEnvIfNoCase User-Agent "^TightTwatBot" bad_bot
SetEnvIfNoCase User-Agent "^Titan" bad_bot
SetEnvIfNoCase User-Agent "^True_Robot" bad_bot
SetEnvIfNoCase User-Agent "^turingos" bad_bot
SetEnvIfNoCase User-Agent "^TurnitinBot" bad_bot
SetEnvIfNoCase User-Agent "^URLy.Warning" bad_bot
SetEnvIfNoCase User-Agent "^Vacuum" bad_bot
SetEnvIfNoCase User-Agent "^VCI" bad_bot
SetEnvIfNoCase User-Agent "^VoidEYE" bad_bot
SetEnvIfNoCase User-Agent "^Web\ Image\ Collector" bad_bot
SetEnvIfNoCase User-Agent "^Web\ Sucker" bad_bot
SetEnvIfNoCase User-Agent "^WebAuto" bad_bot
SetEnvIfNoCase User-Agent "^WebBandit" bad_bot
SetEnvIfNoCase User-Agent "^Webclipping.com" bad_bot
SetEnvIfNoCase User-Agent "^WebCopier" bad_bot
SetEnvIfNoCase User-Agent "^WebEMailExtrac.*" bad_bot
SetEnvIfNoCase User-Agent "^WebEnhancer" bad_bot
SetEnvIfNoCase User-Agent "^WebFetch" bad_bot
SetEnvIfNoCase User-Agent "^WebGo\ IS" bad_bot
SetEnvIfNoCase User-Agent "^Web.Image.Collector" bad_bot
SetEnvIfNoCase User-Agent "^WebLeacher" bad_bot
SetEnvIfNoCase User-Agent "^WebmasterWorldForumBot" bad_bot
SetEnvIfNoCase User-Agent "^WebReaper" bad_bot
SetEnvIfNoCase User-Agent "^WebSauger" bad_bot
SetEnvIfNoCase User-Agent "^Website\ extractor" bad_bot
SetEnvIfNoCase User-Agent "^Website\ Quester" bad_bot
SetEnvIfNoCase User-Agent "^Webster" bad_bot
SetEnvIfNoCase User-Agent "^WebStripper" bad_bot
SetEnvIfNoCase User-Agent "^WebWhacker" bad_bot
SetEnvIfNoCase User-Agent "^WebZIP" bad_bot
SetEnvIfNoCase User-Agent "Whacker" bad_bot
SetEnvIfNoCase User-Agent "^Widow" bad_bot
SetEnvIfNoCase User-Agent "^WISENutbot" bad_bot
SetEnvIfNoCase User-Agent "^WWWOFFLE" bad_bot
SetEnvIfNoCase User-Agent "^WWW-Collector-E" bad_bot
SetEnvIfNoCase User-Agent "^Xaldon" bad_bot
SetEnvIfNoCase User-Agent "^Xenu" bad_bot
SetEnvIfNoCase User-Agent "^Zeus" bad_bot
SetEnvIfNoCase User-Agent "ZmEu" bad_bot
SetEnvIfNoCase User-Agent "^ZmEu" bad_bot
```

```
SetEnvIfNoCase User-Agent zyporg bad_bot
```

Vulnerability Scanners

```
SetEnvIfNoCase User-Agent "Acunetix" bad_bot
```

```
SetEnvIfNoCase User-Agent "FHscan" bad_bot
```

Aggressive Chinese Search Engine

```
SetEnvIfNoCase User-Agent "Baiduspider" bad_bot
```

Aggressive Russian Search Engine

```
SetEnvIfNoCase User-Agent "Yandex" bad_bot
```

```
<Limit GET POST HEAD>
```

```
Order Allow,Deny
```

```
Allow from all
```

Cyveillance

```
deny from 38.100.19.8/29
```

```
deny from 38.100.21.0/24
```

```
deny from 38.100.41.64/26
```

```
deny from 38.105.71.0/25
```

```
deny from 38.105.83.0/27
```

```
deny from 38.112.21.140/30
```

```
deny from 38.118.42.32/29
```

```
deny from 65.213.208.128/27
```

```
deny from 65.222.176.96/27
```

```
deny from 65.222.185.72/29
```

```
Deny from env=bad_bot
```

```
</Limit>
```