

```
# Apache configuration file
# httpd.apache.org/docs/2.2/mod/quickreference.html

# Note .htaccess files are an overhead, this logic should be in your Apache
# config if possible: http://httpd.apache.org/docs/2.2/howto/htaccess.html

# Techniques in here adapted from all over, including:
#   Kroc Camen: camendesign.com/.htaccess
#   perishablepress.com/press/2006/01/10/stupid-htaccess-tricks/
#   Sample .htaccess file of CMS MODx: modx.com

# -----
# Proper MIME type for all files
# -----

# 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/woff                       woff
```

```
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
```

```
# -----
# Gzip compression
# -----
```

```
<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-Encoding|X-cept-Encoding|X(15)|^(15)|-(15))$
    ^((gzip|deflate)\s*,?\s*)+([X"]-){4,13}$ HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
  </IfModule>
</IfModule>
```

Compress all output labeled with one of the following MIME-types

```
<IfModule mod_filter.c>
  AddOutputFilterByType DEFLATE application/atom+xml \
                        application/javascript \
                        application/json \
                        application/rss+xml \
                        application/vnd.ms-fontobject \
                        text/css \
                        text/xml
```

```
application/x-font-ttf \  
application/xhtml+xml \  
application/xml \  
font/opentype \  
image/svg+xml \  
image/x-icon \  
text/css \  
text/html \  
text/plain \  
text/x-component \  
text/xml
```

```
</IfModule>
```

```
</IfModule>
```

```
# -----  
# Expires headers (for better cache control)  
# -----  
  
# These are pretty far-future expires headers.  
# They assume you control versioning with filename-based cache busting  
# 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".
```

```
<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/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 application/x-font-ttf  "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"

</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.

# Some cloud hosting services require RewriteBase to be set: goo.gl/H0cPN
# If using the h5bp in a subdirectory, use `RewriteBase /foo` instead where
# 'foo' is your directory.

# If your web host doesn't allow the FollowSymLinks option, you may need to
# comment it out and use `Options +SymLinksIfOwnerMatch`, but be aware of the
# performance impact: http://goo.gl/Mluzd

<IfModule mod_rewrite.c>
  Options +FollowSymLinks
  # Options +SymLinksIfOwnerMatch
  Options +FollowSymLinks
  RewriteEngine On
  # RewriteBase /
</IfModule>

# -----
# Built-in filename-based cache busting
# -----

# If you're not using the build script to manage your filename version rewving,
# you might want to consider enabling this, which will route requests for
# /css/style.20110203.css to /css/style.css

# To understand why this is important and a better idea than all.css?v1231,
# read: github.com/h5bp/html5-boilerplate/wiki/cachebusting
```

```

<IfModule mod_rewrite.c>
  RewriteCond %(REQUEST_FILENAME) !-f
  RewriteCond %(REQUEST_FILENAME) !-d
  RewriteRule ^(.+)\.(.+)\.(js|css|png|jpg|gif)$ $1.$3 [L]
</IfModule>

# -----
# 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 .atom .css .js .json .rss .vtt .xml

# -----
# A little more security
# -----

# To avoid displaying the exact version number of Apache being used, add the
# following to 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).
<IfModule mod_autoindex.c>
  Options -Indexes
</IfModule>

# Block access to "hidden" directories or files whose names begin with a
# period. This includes directories used by version control systems such as
# Subversion or Git.
<IfModule mod_rewrite.c>
  RewriteCond %(SCRIPT_FILENAME) -d [OR]
  RewriteCond %(SCRIPT_FILENAME) -f
  RewriteRule "(^|/)\." - [F]
</IfModule>

```

```
# Block access to backup and source files. These files may be left by some  
# text/html editors and pose a great security danger, when anyone can access  
# them.
```

```
<FilesMatch "(\\. (bak| config| sql| fl| psd| ini| log| sh| incl| swp| dist)| \")$" >
```

```
    Order allow,deny
```

```
    Deny from all
```

```
    Satisfy All
```

```
</FilesMatch >
```