

```
# -----
# Cross-domain AJAX requests
# -----

# Serve cross-domain ajax requests, disabled.
# enable-cors.org
# code.google.com/p/html5security/wiki/CrossOriginRequestSecurity

# <IfModule mod_headers.c>
# Header set Access-Control-Allow-Origin "*"
# </IfModule>

# -----
# Webfont access
# -----

# allow access from all domains for webfonts
# alternatively you could only whitelist
# your subdomains like "sub.domain.com"

<FilesMatch "\.(ttf|otf|eot|woff|font. css)$">
  <IfModule mod_headers.c>
    Header set Access-Control-Allow-Origin "*"
  </IfModule>
</FilesMatch>

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

# audio
AddType audio/ogg          oga ogg

# video
AddType video/ogg          ogv
AddType video/mp4          mp4
AddType video/webm         webm

# Proper svg serving. Required for svg webfonts on iPad
# twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml     svg+xml
```

```
AddType image/svg+xml      svg svgz
AddEncoding gzip             svgz
```

webfonts

```
AddType application/vnd.ms-fontobject eot
AddType font/truetype                  ttf
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
```

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

gzip compression

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

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

force deflate for mangled headers developer, yahoo.com/blogs/ym/post/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, js, json, xml, htc:

```
<IfModule filter_module>
```

```
  FilterDeclare COMPRESS
```

```
  FilterProvider COMPRESS DEFLATE resp=Content-Type
```

```
/text/(html|css|javascript|plain|x(ml|-component))/
```

```
  FilterProvider COMPRESS DEFLATE resp=Content-Type /application/(javascript|json|xml|x-  
javascript)/
```

```
  FilterChain COMPRESS
```

```
  # ...
```

```

    FilterProtocol COMPRESS 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
</IfModule>

# webfonts and svg;
<FilesMatch "\.(ttf|otf|eot|svg)$" >
    SetOutputFilter DEFLATE
</FilesMatch>
</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.appcache needs re-requests in FF 3.6 (thx 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"

# rss feed
ExpiresByType application/rss+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 2 months"
ExpiresByType application/javascript "access plus 2 months"
ExpiresByType text/javascript "access plus 2 months"

<IfModule mod_headers.c>
    Header append Cache-Control "public"
</IfModule>

```

```
</IfModule>
```

```
# -----  
# ETag removal  
# -----
```

```
# Since we're sending far-future expires, we don't need ETags for  
# static content.  
# developer.yahoo.com/performance/rules.html#etags
```

```
FileETag None
```

```
# -----  
# Stop screen flicker in IE on CSS rollovers  
# -----
```

```
# The following directives stop screen flicker in IE on CSS rollovers - in  
# combination with the "ExpiresByType" rules for images (see above). If  
# needed, un-comment the following rules.
```

```
# BrowserMatch "MSIE" brokenvary=1  
# BrowserMatch "Mozilla/4.[0-9]{2}" brokenvary=1  
# BrowserMatch "Opera" !brokenvary  
# SetEnvIf brokenvary 1 force-no-vary
```

```
# -----  
# Cookie setting from iframes  
# -----
```

```
# Allow cookies to be set from iframes (for IE only)  
# If needed, uncomment and specify a path or regex in the Location directive
```

```
# <IfModule mod_headers.c>  
#   <Location />  
#     Header set P3P "policyref=\"/w3c/p3p.xml\"", CP="IDC DSP COR ADM DEVI TAIi PSA PSD  
IVAi IVDi CONi HIS OUR IND CNT\""  
#   </Location>  
# </IfModule>
```

```
# -----  
# Start rewrite engine  
# -----
```

Turning on the rewrite engine is necessary for the following rules and features.

```
<IfModule mod_rewrite.c>  
    RewriteEngine On  
</IfModule>
```

*# -----
Suppress or force the "www." at the beginning of URLs
-----*

*# The same content should never be available under two different URLs - especially not
with and
without "www." at the beginning, since this can cause SEO problems (duplicate content).
That's why you should choose one of the alternatives and redirect the other one.*

*# By default option 1 (no "www.") is activated. Remember: Shorter URLs are sexier.
no-www.org/faq.php?q=class_b*

*# If you rather want to use option 2, just comment out all option 1 lines
and uncomment option 2.
IMPORTANT: NEVER USE BOTH RULES AT THE SAME TIME!*

-----

```
<IfModule mod_rewrite.c>  
    RewriteCond %{HTTPS} !=on  
    RewriteCond %{HTTP_HOST} ^www\.(.+$) [NC]  
    RewriteRule ^(.*)$ http://%1/$1 [R=301,L]  
</IfModule>
```

*# -----
Add/remove trailing slash to (non-file) URLs
-----*

*# Google treats URLs with and without trailing slashes separately.
Forcing a trailing slash is usually preferred, but all that's really
important is that one correctly redirects to the other.*

*# By default option 1 (force trailing slash) is activated.
<http://googlewebmastercentral.blogspot.com/2010/04/to-slash-or-not-to-slash.html>*

```
# http://www.alistapart.com/articles/slashforward/
# http://httpd.apache.org/docs/2.0/misc/rewriteguide.html#url Trailing Slash Problem

# -----

<IfModule mod_rewrite.c>
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteCond %{REQUEST_URI} !(\.[a-zA-Z0-9]{1,5}|/|#|\.*)$
  RewriteRule ^(\.*)$ /$1/ [R=301,L]
</IfModule>

# -----

# Option 2:
# Rewrite "domain.com/foo/ -> domain.com/foo"

#<IfModule mod_rewrite.c>
# RewriteRule ^(\.+)/$ /$1 [R=301,L]
#</IfModule>

# -----

# Prevent 404 errors for non-existing redirected folders
# -----

# without -MultiViews, Apache will give a 404 for a rewrite if a folder of the same name
# does not exist
# e.g. /blog/hello : webmasterworld.com/apache/3808792.htm
```

Options -MultiViews

```
# -----
# custom 404 page
# -----

# You can add custom pages to handle 500 or 403 pretty easily, if you like.
ErrorDocument 404 /404.html

# -----
# 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

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

# Do we want to advertise the exact version number of Apache we're running?
# Probably not.
## This can only be enabled if used in 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).
Options -Indexes

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