

```

<IfModule mod_rewrite.c>
  <IfModule mod_negotiation.c>
    Options -MultiViews
  </IfModule>

  RewriteEngine On

  # Redirect Trailing Slashes...
  RewriteRule ^(.*)/$ /$1 [L,R=301]

  # Handle Front Controller...
  RewriteCond %{REQUEST_FILENAME} !-d
  RewriteCond %{REQUEST_FILENAME} !-f
  RewriteRule ^ index.php [L]
</IfModule>

<IfModule mod_mime.c>

  # Data interchange

  AddType application/json          json map topojson
  AddType application/ld+json      jsonld
  AddType application/vnd.geo+json  geojson
  AddType application/xml          atom rdf rss xml

  # JavaScript

  # Normalize to standard type.
  # https://tools.ietf.org/html/rfc4329#section-7.2

  AddType application/javascript    js

  # Manifest files

  # If you are providing a web application manifest file (see
  # the specification: https://w3c.github.io/manifest/), it is
  # recommended that you serve it with the `application/manifest+json`
  # media type.
  #
  # Because the web application manifest file doesn't have its
  # own MIME type, you can set the media type either

```

```

# own unique file extension, you can set its media type either
# by matching:
#
# 1) the exact location of the file (this can be done using a
#    directive such as ``, but it will NOT work in
#    the `.htaccess` file, so you will have to do it in the main
#    server configuration file or inside of a ``
#    container)
#
#    e.g.:
#
#        <Location "/.well-known/manifest.json">
#            AddType application/manifest+json          json
#        </Location>
#
# 2) the filename (this can be problematic as you will need to
#    ensure that you don't have any other file with the same name
#    as the one you gave to your web application manifest file)
#
#    e.g.:
#
#        <Files "manifest.json">
#            AddType application/manifest+json          json
#        </Files>

```

```

AddType application/x-web-app-manifest+json    webapp
AddType text/cache-manifest                    appcache manifest

```

### *# Media files*

```

AddType audio/mp4          f4a f4b m4a
AddType audio/ogg          oga ogg opus
AddType image/bmp          bmp
AddType image/webp         webp
AddType video/mp4          f4v f4p m4v mp4
AddType video/ogg          ogv
AddType video/webm         webm
AddType video/x-flv        flv
AddType image/svg+xml      svg svgz

```

*# Serving `.ico` image files with a different media type*

```

# AddType image/vnd.microsoft.icon .ico

```

```
# prevents Internet Explorer from displaying them as images:  
# https://github.com/h5bp/html5-  
boilerplate/commit/37b5fec090d00f38de64b591bcddcb205aadf8ee
```

```
AddType image/x-icon cur ico
```

```
# Web fonts
```

```
AddType application/font-woff woff  
AddType application/font-woff2 woff2  
AddType application/vnd.ms-fontobject eot
```

```
# Browsers usually ignore the font media types and simply sniff  
# the bytes to figure out the font type.  
# https://mimesniff.spec.whatwg.org/#matching-a-font-type-pattern  
#  
# However, Blink and WebKit based browsers will show a warning  
# in the console if the following font types are served with any  
# other media types.
```

```
AddType application/x-font-ttf ttc ttf  
AddType font/opentype otf
```

```
# Other
```

```
AddType application/octet-stream safariextz  
AddType application/x-bb-appworld bbaw  
AddType application/x-chrome-extension crx  
AddType application/x-opera-extension oex  
AddType application/x-xpinstall xpi  
AddType text/vcard vcard vcf  
AddType text/vnd.rim.location.xloc xloc  
AddType text/vtt vtt  
AddType text/x-component htc
```

```
</IfModule>
```

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

```
# Force compression for mangled headers.  
# https://developer.yahoo.com/blogs/ydn/pushing-beyond-gzipping-25601.html
```

```
<IfModule mod_setenvif.c>
```

```
<IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl X(15)l ""(15)l -(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 media types
# (for Apache versions below 2.3.7, you don't need to enable `mod_filter`
# and can remove the `<IfModule mod_filter.c>` and `</IfModule>` lines
# as `AddOutputFilterByType` is still in the core directives).
```

```
#<IfModule mod_filter.c>
```

```
    AddOutputFilterByType DEFLATE application/atom+xml \
        application/javascript \
        application/json \
        application/ld+json \
        application/manifest+json \
        application/rss+xml \
        application/vnd.ms-fontobject \
        application/x-font-ttf \
        application/x-web-app-manifest+json \
        application/xhtml+xml \
        application/xml \
        font/opentype \
        image/svg+xml \
        image/x-icon \
        text/css \
        text/html \
        text/plain \
        text/vtt \
        text/x-component \
        text/xml
```

```
#</IfModule>
```

```
</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
```

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

```
# 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 application/json "access plus 0 seconds"
```

```
ExpiresByType application/xml "access plus 0 seconds"
```

```
ExpiresByType text/xml "access plus 0 seconds"
```

```
# Feed
```

```
ExpiresByType application/atom+xml "access plus 1 hour"
```

```
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 audio/ogg "access plus 1 month"  
ExpiresByType image/gif "access plus 1 month"  
ExpiresByType image/jpeg "access plus 1 month"  
ExpiresByType image/png "access plus 1 month"  
ExpiresByType video/mp4 "access plus 1 month"  
ExpiresByType video/ogg "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/vnd.ms-fontobject "access plus 1 month"  
ExpiresByType application/x-font-ttf "access plus 1 month"  
ExpiresByType application/x-font-woff "access plus 1 month"  
ExpiresByType font/opentype "access plus 1 month"  
ExpiresByType image/svg+xml "access plus 1 month"
```

```
# CSS and JavaScript
```

```
#ExpiresByType application/javascript "access plus 1 year"
```

```
#ExpiresByType text/css "access plus 1 year"
```

```
</IfModule>
```

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

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

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

```
# <IfModule mod_rewrite.c>
```

```
# RewriteCond %{REQUEST_FILENAME} !-f
```

```
# RewriteCond %{REQUEST_FILENAME} !-d
```

```
# RewriteRule ^(.(+)\.(\d+)\. (js|css|png|jpg|gif))$ $1.$3 [L]
```

```
# </IfModule>
```