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# Apache Server Configs v2.2.0 | MIT License
# https://github.com/h5bp/server-configs-apache

# -----
# | Web fonts access |
# -----

# Allow access to web fonts from all domains.

<IfModule mod_headers.c>
    <FilesMatch "\.(eot|otf|tt[cf]|woff)$">
        Header set Access-Control-Allow-Origin "*"
    </FilesMatch>
</IfModule>

# #####
# # INTERNET EXPLORER #
# #####

# -----
# | Better website experience |
# -----

# Force Internet Explorer to render pages in the highest available mode
# in the various cases when it may not.
# http://hsivonen.iki.fi/doctype/ie-mode.pdf

<IfModule mod_headers.c>
    Header set X-UA-Compatible "IE=edge"
    # `mod_headers` cannot match based on the content-type, however, this
    # header should be send only for HTML pages and not for the other resources
    <FilesMatch "\.(appcache|css|curl|eot|gif|htcl|icol|jpe?g|jsl|json|1d)?
|m4[av]|manifest|map|otf|pdf|png|rdfl|svgz?|swf|tt[cf]|vcf|vtt|webapp|web[mp]|woff|xpi)$">
        Header unset X-UA-Compatible
    </FilesMatch>
</IfModule>

# #####
# # MIME TYPES AND ENCODING #
# #####

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# -----
# / Proper MIME types for all files /
# -----

<IfModule mod_mime.c>

# Data interchange
AddType application/json json map
AddType application/ld+json jsonld

# JavaScript
# Normalize to standard type.
# http://tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript js

# Web fonts
AddType application/font-woff woff
AddType application/vnd.ms-fontobject eot

# Browsers usually ignore the font MIME types and simply sniff the bytes
# to figure out the font type.
# http://mimesniff.spec.whatwg.org/#matching-a-font-type-pattern

# Chrome however, shows a warning if any other MIME types are used for
# the following fonts.

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

# Make SVGZ fonts work on the iPad.
# https://twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml svgz
AddEncoding gzip svgz

# Other
AddType application/x-web-app-manifest+json webapp
AddType image/webp webp
AddType image/x-icon cur
AddType text/cache-manifest appcache manifest
AddType text/vtt vtt

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</IfModule>

# -----
# | UTF-8 encoding |
# -----

# Use UTF-8 encoding for anything served as `text/html` or `text/plain`.
AddDefaultCharset utf-8

# Force UTF-8 for certain file formats.
<IfModule mod_mime.c>
    AddCharset utf-8 .css .js .json .jsonld .vtt .webapp
</IfModule>

# -----
# | Reducing MIME type security risks |
# -----

# Prevent some browsers from MIME-sniffing the response.

# This reduces exposure to drive-by download attacks and cross-origin data
# leaks, and should be left uncommented, especially if the web server is
# serving user-uploaded content or content that could potentially be treated
# as executable by the browser.

# http://www.slideshare.net/hasegawayosuke/owasp-hasegawa
# http://blogs.msdn.com/b/ie/archive/2008/07/02/ie8-security-part-v-comprehensive-
# protection.aspx
# http://msdn.microsoft.com/en-us/library/ie/gg622941.aspx
# http://mimesniff.spec.whatwg.org/

<IfModule mod_headers.c>
    Header set X-Content-Type-Options "nosniff"
</IfModule>

# #####
# # WEB PERFORMANCE #
# #####

# -----

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# -----  
  
<IfModule mod_deflate.c>  
  
    # Force compression for mangled headers.  
    # http://developer.yahoo.com/blogs/ymdn/posts/2010/12/pushing-beyond-gzipping  
    <IfModule mod_setenvif.c>  
        <IfModule mod_headers.c>  
            SetEnvIfNoCase ^(\Accept-EncodXng|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  
    # (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/javascript \  
            application/json \  
            application/ld+json \  
            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/x-component \  
            text/xml  
  
    </IfModule>  
  
</IfModule>  
  
# -----
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```
# | ETags |
# -----

# Remove `ETags` as resources are sent with far-future expires headers.
# http://developer.yahoo.com/performance/rules.html#etags.

# `FileETag None` doesn't work in all cases.
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>
```

FileETag None

```
# -----
# | Expires headers |
# -----

# The following expires headers are set pretty far in the future. If you
# don't control versioning with filename-based cache busting, consider
# lowering the cache time for resources such as style sheets and JavaScript
# files to something like one week.

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

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

    # Data interchange
    ExpiresByType application/json "access plus 0 seconds"
    ExpiresByType application/ld+json "access plus 0 seconds"
    ExpiresByType application/xml "access plus 0 seconds"
    ExpiresByType text/xml "access plus 0 seconds"

    # Favicon (cannot be renamed!) and cursor images
    ExpiresByType image/x-icon "access plus 1 week"

    # HTML
    ExpiresByType text/html "access plus 0 seconds"
```

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

# Manifest files
ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"
ExpiresByType text/cache-manifest "access plus 0 seconds"

# Media
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "access plus 1 month"

# Web fonts
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType application/x-font-ttf "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
```

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</IfModule>
```