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# Apache Server Configs v1.1.0 | MIT License
# https://github.com/h5bp/server-configs-apache
# Customized, yo

# -----
# | CORS-enabled images |
# -----

# Send the CORS header for images when browsers request it.
# https://developer.mozilla.org/en/CORS_Enabled_Image
# http://blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html
# http://hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    <FilesMatch "\.(gif|ico|jpe?g|png|svgz?|webp)$">
      SetEnvIf Origin ":" IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>

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

# Allow access from all domains for web fonts

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

# #####
# # ERRORS #
# #####

# -----
# | 404 error prevention for non-existent redirects |
# -----

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# | 404 error prevention for non-existing redirected folders |
# -----

# Prevent Apache from returning a 404 error for a rewrite if a directory
# with the same name does not exist.
# http://httpd.apache.org/docs/current/content-negotiation.html#multiviews
# http://www.webmasterworld.com/apache/3808792.htm
```

Options -MultiViews

```
# -----
# | Custom error messages / pages |
# -----

# You can customize what Apache returns to the client in case of an error (see
# http://httpd.apache.org/docs/current/mod/core.html#errordocument), e.g.:
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ErrorDocument 404 /404.html

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

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

# Force IE to render pages in the highest available mode in the various
# cases when it may not: http://hsivonen.iki.fi/doctype/ie-mode.pdf.
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```
<IfModule mod_headers.c>
  Header set X-UA-Compatible "IE=edge"
  # `mod_headers` can't match based on the content-type, however, we only
  # want to send this header for HTML pages and not for the other resources
  <FilesMatch "\.(appcache|crx|css|eot|gif|html|ico|jpe?
  |js|m4a|m4v|manifest|mp4|oex|ogal|ogg|ogv|otf|pdf|png|safariextz|svgz?
  |ttf|vcf|webapp|webm|webpl|woff|xml|xpi)$">
    Header unset X-UA-Compatible
  </FilesMatch>
</IfModule>
```

.....

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

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

<IfModule mod_mime.c>

# JavaScript
# Normalize to standard type (it's sniffed in IE anyways):
# http://tools.ietf.org/html/rfc4329#section-7.2
AddType application/javascript js
AddType application/json json

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

# Browsers usually ignore the font MIME types and sniff the content,
# however, Chrome shows a warning if 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 iPad:
# https://twitter.com/FontSquirrel/status/14855840545
AddType image/svg+xml svg svgz
AddEncoding gzip svgz

# Other
AddType image/x-icon ico
AddType text/x-markdown md
</IfModule>

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

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

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```
AddDefaultCharset utf-8
```

```
# Force UTF-8 for certain file formats.
```

```
<IfModule mod_mime.c>
```

```
    AddCharset utf-8 .atom .css .js .json .rss .vtt .webapp .xml .md
```

```
</IfModule>
```

```
# #####  
# # URL REWRITES #  
# #####
```

```
# -----  
# | Rewrite engine |  
# -----
```

```
# Turning on the rewrite engine and enabling the `FollowSymLinks` option is  
# necessary for the following directives to work.
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```
# 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://httpd.apache.org/docs/current/misc/perf-tuning.html#symlinks
```

```
# Also, some cloud hosting services require `RewriteBase` to be set:  
# http://www.rackspace.com/knowledge\_center/frequently-asked-question/why-is-mod-rewrite-not-working-on-my-site
```

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

```
    Options +FollowSymLinks
```

```
    RewriteEngine On
```

```
    RewriteBase /
```

```
</IfModule>
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```
# -----  
# | Suppressing the "www." at the beginning of URLs |  
# -----
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# The same content should never be available under two different URLs especially  
# not with and without "www." at the beginning. This can cause SEO problems  
# (duplicate content), therefore, you should choose one of the alternatives and  
# redirect the other one.
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# http://no-www.org/faq.php?q=class_b
# Rewrite www.example.com + example.com

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

# #####
# # SECURITY #
# #####

# -----
# | Content Security Policy (CSP) |
# -----

# To get all the details you'll need to craft a reasonable policy for your site,
# read: http://html5rocks.com/en/tutorials/security/content-security-policy (or
# see the specification: http://w3.org/TR/CSP).

# http://cspisawesome.com/

# Turned off b/c of Google AdSense

# <IfModule mod_headers.c>
#     Header set Content-Security-Policy: "default-src 'self' 'unsafe-inline' data:
#     *.googlesyndication.com *.googleapis.com *.google-analytics.com *.typekit.net
#     Header set X-Content-Security-Policy: "default-src 'self' 'unsafe-inline' data:
#     *.googlesyndication.com *.googleapis.com *.google-analytics.com *.typekit.net
#     Header set X-WebKit-CSP: "default-src 'self' 'unsafe-inline' data:
#     *.googlesyndication.com *.googleapis.com *.google-analytics.com *.typekit.net
# </IfModule>

# -----
# | File access |
# -----

# Block access to directories without a default document.
# Usually you should leave this uncommented because you shouldn't allow anyone
# to surf through every directory on your server (which may includes rather

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# private places like the CMS' s directories).

<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

# -----

# Block access to hidden files and directories.
# This includes directories used by version control systems such as Git and SVN.

<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 editors and can pose a great security
# danger when anyone has access to them.

<FilesMatch "(^#.#|\. (bak| config| dist| fl| incl| ini| log| psd| ai| sh| sql| sw[op])| (^)$">
    Order allow,deny
    Deny from all
    Satisfy All
</FilesMatch>

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

# -----
# | Compression |
# -----

<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    # http://developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-beyond-gzipping

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<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 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/atom+xml \
    application/javascript \
    application/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/x-component \
    text/x-markdown \
    text/xml

# </IfModule>

</IfModule>

# -----
# | Content transformations |
# -----

# Prevent some of the mobile network providers from modifying the content of
# your site: http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5.

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<IfModule mod_headers.c>
    Header set Cache-Control "no-transform"
</IfModule>

# -----
# | ETag removal |
# -----

# Since we're sending far-future expires headers (see below), ETags can
# be removed: http://developer.yahoo.com/performance/rules.html#etags.

# `FileETag None` is not enough for every server.
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>

FileETag None

# -----
# | Expires headers (for better cache control) |
# -----

# 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 like CSS and JS to something like 1 week.

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

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

    # Favicon (cannot be renamed!)
    ExpiresByType image/x-icon "access plus 1 year"

</IfModule>

```


