

DirectoryIndex index.html

```
# Apache Server Configs v2.14.0 | MIT License
# https://github.com/h5bp/server-configs-apache

# (!) Using `.htaccess` files slows down Apache, therefore, if you have
# access to the main server configuration file (which is usually called
# `httpd.conf`), you should add this logic there.
#
# https://httpd.apache.org/docs/current/howto/htaccess.html.

# -----
# | Cross-origin images |
# -----

# Send the CORS header for images when browsers request it.

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

# -----
# | Cross-origin web fonts |
# -----

# Allow cross-origin access to web fonts.

<IfModule mod_headers.c>
  <FilesMatch "\.(eot|otf|tt[cf]|woff2?)$">
    Header set Access-Control-Allow-Origin "*"
  </FilesMatch>
</IfModule>

# #####
# # ERRORS #
# #####
```



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

```
# Data interchange
```

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

```
# JavaScript
```

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

```
AddType application/javascript         js
```

```
# Manifest files
```

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

```
# Media files
```

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

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

```
# -----  
# | Character encodings |  
# -----
```

```
AddDefaultCharset utf-8
```

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

```
# Serve the following file types with the media type `charset`
# parameter set to `UTF-8`.
#
# https://httpd.apache.org/docs/current/mod/mod\_mime.html#addcharset

<IfModule mod_mime.c>
    AddCharset utf-8 .atom \
                .bbaw \
                .css \
                .geojson \
                .js \
                .json \
                .jsonld \
                .manifest \
                .rdf \
                .rss \
                .topojson \
                .vtt \
                .webapp \
                .webmanifest \
                .xloc \
                .xml
</IfModule>

# #####
# # REWRITES #
# #####

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

# (1) Turn on the rewrite engine (this is necessary in order for
#     the `RewriteRule` directives to work).
#
#     https://httpd.apache.org/docs/current/mod/mod\_rewrite.html#RewriteEngine
#
# (2) Enable the `FollowSymLinks` option if it isn't already.
#
#     https://httpd.apache.org/docs/current/mod/core.html#options
```

```
#  
# (3) If your web host doesn't allow the `FollowSymLinks` option,  
#     you need to comment it out or remove it, and then uncomment  
#     the `Options +SymLinksIfOwnerMatch` line (4), but be aware  
#     of the performance impact.  
#  
#     https://httpd.apache.org/docs/current/misc/perf-tuning.html#symlinks  
#  
# (4) Some cloud hosting services will require you set `RewriteBase`.  
#  
#     https://www.rackspace.com/knowledge\_center/frequently-asked-question/why-is-modrewrite-not-working-on-my-site  
#     https://httpd.apache.org/docs/current/mod/mod\_rewrite.html#rewritebase  
#  
# (5) Depending on how your server is set up, you may also need to  
#     use the `RewriteOptions` directive to enable some options for  
#     the rewrite engine.  
#  
#     https://httpd.apache.org/docs/current/mod/mod\_rewrite.html#rewriteoptions  
#  
# (6) Set %(ENV:PROTO) variable, to allow rewrites to redirect with the  
#     appropriate schema automatically (http or https).
```

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

```
    # (1)  
    RewriteEngine On  
  
    # (2)  
    # Options +FollowSymLinks  
  
    # (3)  
    # Options +SymLinksIfOwnerMatch  
  
    # (4)  
    # RewriteBase /  
  
    # (5)  
    # RewriteOptions <options>  
  
    # (6)
```

```
RewriteCond %{HTTPS} =on
RewriteRule ^ - [env=proto: https]
RewriteCond %{HTTPS} !=on
RewriteRule ^ - [env=proto: http]
```

```
</IfModule>
```

```
# Rewrite www.example.com → example.com
```

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

```
    RewriteEngine On
    RewriteCond %{HTTPS} !=on
    RewriteCond %{HTTP_HOST} ^www\.(.+)$ [NC]
    RewriteRule ^ %{ENV:PROTO}: //%1 %{REQUEST_URI} [R=301,L]
```

```
</IfModule>
```

```
# #####
# # SECURITY #
# #####
```

```
# Block access to directories without a default document.
```

```
<IfModule mod_autoindex.c>
```

```
    Options -Indexes
```

```
</IfModule>
```

```
# Block access to files that can expose sensitive information.
```

```
<FilesMatch "(^#.#|\. (bak|conf|dist|fla|in[ci]|log|psd|sh|sql|sw[op])| )" $">
```

```
# Apache < 2.3
```

```
<IfModule !mod_authz_core.c>
```

```
    Order allow,deny
```

```
    Deny from all
```

```
    Satisfy All
```

```
</IfModule>
```

```
# Apache ≥ 2.3
```

```
<IfModule mod_authz_core.c>
```

```
    Require all denied
```

```
</IfModule>
```

```
</FilesMatch>
```

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

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

```
# -----  
# | Server-side technology information |  
# -----
```

```
<IfModule mod_headers.c>  
    Header unset X-Powered-By  
</IfModule>
```

```
ServerSignature Off
```

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

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

```
    # Force compression for mangled `Accept-Encoding` request 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)|^(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 media types.
```



```
-----
#
# (!) For Apache versions below version 2.3.7 you don't need to
# enable `mod_filter` and can remove the ``
# and `` lines as `AddOutputFilterByType` is still in
# the core directives.
#
# https://httpd.apache.org/docs/current/mod/mod\_filter.html#addoutputfilterbytype
```

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

```
    AddOutputFilterByType DEFLATE "application/atom+xml" \
        "application/javascript" \
        "application/json" \
        "application/ld+json" \
        "application/manifest+json" \
        "application/rdf+xml" \
        "application/rss+xml" \
        "application/schema+json" \
        "application/vnd.geo+json" \
        "application/vnd.ms-fontobject" \
        "application/x-font-ttf" \
        "application/x-javascript" \
        "application/x-web-app-manifest+json" \
        "application/xhtml+xml" \
        "application/xml" \
        "font/eot" \
        "font/opentype" \
        "image/bmp" \
        "image/svg+xml" \
        "image/vnd.microsoft.icon" \
        "image/x-icon" \
        "text/cache-manifest" \
        "text/css" \
        "text/html" \
        "text/javascript" \
        "text/plain" \
        "text/vcard" \
        "text/vnd.rim.location.xloc" \
        "text/vtt" \
        "text/x-component" \
        "text/x-cross-domain-policy" \
        "text/xml"
```

```
</IfModule>
```

```
# Map the following filename extensions to the specified
# encoding type in order to make Apache serve the file types
# with the appropriate `Content-Encoding` response header
# (do note that this will NOT make Apache compress them!).
#
# If these files types would be served without an appropriate
# `Content-Enable` response header, client applications (e.g.:
# browsers) wouldn't know that they first need to uncompress
# the response, and thus, wouldn't be able to understand the
# content.
#
# https://httpd.apache.org/docs/current/mod/mod_mime.html#addencoding
```

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

```
    AddEncoding gzip          svgz
```

```
</IfModule>
```

```
</IfModule>
```

```
# -----
# | ETags                                     |
# -----
```

```
# Remove `ETags` as resources are sent with far-future expires headers.
```

```
<IfModule mod_headers.c>
```

```
    Header unset ETag
```

```
</IfModule>
```

```
FileETag None
```

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

```
<IfModule mod_expires.c>
```

```
    ExpiresActive on
```

```
    ExpiresDefault                "access plus 1 month"
```

CSS

ExpiresByType text/css "access plus 1 year"

Data interchange

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

ExpiresByType application/rdf+xml "access plus 1 hour"

ExpiresByType application/rss+xml "access plus 1 hour"

ExpiresByType application/json "access plus 0 seconds"

ExpiresByType application/ld+json "access plus 0 seconds"

ExpiresByType application/schema+json "access plus 0 seconds"

ExpiresByType application/vnd.geo+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/vnd.microsoft.icon "access plus 1 week"

ExpiresByType image/x-icon "access plus 1 week"

HTML

ExpiresByType text/html "access plus 0 seconds"

JavaScript

ExpiresByType application/javascript "access plus 1 year"

ExpiresByType application/x-javascript "access plus 1 year"

ExpiresByType text/javascript "access plus 1 year"

Manifest files

ExpiresByType application/manifest+json "access plus 1 week"

ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"

ExpiresByType text/cache-manifest "access plus 0 seconds"

Media files

ExpiresByType image/gif "access plus 1 year"

```
ExpiresByType audio/ogg "access plus 1 month"
ExpiresByType image/bmp "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 image/svg+xml "access plus 1 month"
ExpiresByType image/webp "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"
```

Web fonts

Embedded OpenType (EOT)

```
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType font/eot "access plus 1 month"
```

OpenType

```
ExpiresByType font/opentype "access plus 1 month"
```

TrueType

```
ExpiresByType application/x-font-ttf "access plus 1 month"
```

Web Open Font Format (WOFF) 1.0

```
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/x-font-woff "access plus 1 month"
ExpiresByType font/woff "access plus 1 month"
```

Web Open Font Format (WOFF) 2.0

```
ExpiresByType application/font-woff2 "access plus 1 month"
```

Other

```
ExpiresByType text/x-cross-domain-policy "access plus 1 week"
```

</IfModule>