

```
# Custom .htaccess using snippets from h5bp.
```

```
# 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>
```

```
# 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>
```

```
# Customize what Apache returns to the client in case of an error.
```

```
ErrorDocument 404 /404.php
```

```
ErrorDocument 403 /403.php
```

```
# Disable the pattern matching based on filenames.
```

```
Options -MultiViews
```

```
# Serve resources with the proper media types (f.k.a. MIME types).
```

```
<IfModule mod_mime.c>  
  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  
  AddType application/javascript js  
  AddType application/manifest+json webmanifest  
  AddType application/x-web-app-manifest+json webapp  
  AddType text/cache-manifest appcache  
  AddType audio/mp4 f4a f4b m4a  
  AddType audio/ogg oga ogg opus  
  AddType image/ico ico
```

```
AddType image/dmp dmp
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
AddType image/x-icon cur ico
AddType application/font-woff woff
AddType application/font-woff2 woff2
AddType application/vnd.ms-fontobject eot
AddType application/x-font-ttf ttc ttf
AddType font/opentype otf
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>
```

```
# Serve all resources labeled as `text/html` or `text/plain`
# with the media type `charset` parameter set to `UTF-8`.
AddDefaultCharset utf-8
```

```
# Serve the following file types with the media
# type `charset` parameter set to `UTF-8`.
```

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

```
AddCharset utf-8 .atom \
    .bbaw \
    .css \
    .geojson \
    .js \
    .json \
    .jsonld \
    .manifest \
    .rdf \
    .rss \
    .vtt \
    .xhtml
```

```

        .topojson \
        .vtt \
        .webapp \
        .webmanifest \
        .xloc \
        .xml
</IfModule>

# Turn on the Rewrite Engine
#   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.
<IfModule mod_rewrite.c>
    RewriteEngine On
    Options +FollowSymlinks
    # Options +SymLinksIfOwnerMatch
    RewriteBase /
    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>

# Block access to directories without a default document.
<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

# Block access to all hidden files and directories with the exception of
# the visible content from within the `/.well-known/` hidden directory.
<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteCond %{REQUEST_URI} "!(^/)\.well-known/([^. /]+/?)+$" [NC]

```

```
RewriteCond %{SCRIPT_FILENAME} -d [OR]
RewriteCond %{SCRIPT_FILENAME} -f
RewriteRule "^(\/)\." - [F]
</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>

# Prevent some browsers from MIME-sniffing the response.
<IfModule mod_headers.c>
    Header set X-Content-Type-Options "nosniff"
</IfModule>

# Remove the `X-Powered-By` response header
<IfModule mod_headers.c>
    Header unset X-Powered-By
</IfModule>

# Prevent Apache from adding a trailing footer line containing
# information about the server to the server-generated documents
# (e.g.: error messages, directory listings, etc.)
ServerSignature Off

# Compress served files
<IfModule mod_deflate.c>

    # Force compression for mangled `Accept-Encoding` request headers
```

```

<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 media types.
<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 correct file types
```

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

```
    AddEncoding gzip svgz
```

```
</IfModule>
```

```
</IfModule>
```

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

```
# `FileETag None` doesn't work in all cases.
```

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

```
    Header unset ETag
```

```
</IfModule>
```

```
FileETag None
```

```
# Serve resources with far-future 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 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>

# Filename-based cache busting /
<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(\.+)\.(\d+)\. (bmp|css|curl|gif|ico|jpe?g|js|png|svgz?|webp|webmanifest)$
    $1.$3 [L]
</IfModule>
```