

```

#::: Apache Configuration ::::;
# IMPORTANT! Rename this file to `/.htaccess` before deploying.
# Most of this taken directly from HTML5BP project
# .htaccess files are overhead. Put these rules in your
# http.conf or apache2.conf file or in your vhost config.
# httpd.apache.org/docs/2.2/mod/quickreference.html

#::: Better website experience for IE users ::::;
# Force the latest IE version or use Chromeframe if installed

<IfModule mod_headers.c>
  Header set X-UA-Compatible "IE=Edge,chrome=1"
  <FilesMatch "\.(appcache|crx|css|eot|gif|htc|ico|jpe?
gl|js|m4a|m4v|manifest|mp4|oex|ogal|oggl|ogv|otf|pdf|png|safariextz|svg|svgz|ttf|vcl|webm|webp|
  Header unset X-UA-Compatible
  </FilesMatch>
</IfModule>

#::: Cross-domain AJAX requests ::::;
# Uncomment to enable cross-domain AJAX requests

# <IfModule mod_headers.c>
#   Header set Access-Control-Allow-Origin "*"
# </IfModule>

#::: CORS-enabled images (@crossorigin) ::::;

<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    # mod_headers, y u no match by Content-Type?!
    <FilesMatch "\.(gif|ico|jpe?gl|png|svg|svgz|webp)$">
      SetEnvIf Origin ":" IS_CORS
      Header set Access-Control-Allow-Origin "*" env=IS_CORS
    </FilesMatch>
  </IfModule>
</IfModule>

#::: Webfont access ::::;

<IfModule mod_headers.c>
  <FilesMatch "\.(eot|font|woff|woff2|ttf|otf)$">

```

```

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

#::: Proper MIME type for all files ::::

# JavaScript
AddType application/javascript      js jsonp
AddType application/json            json

# Audio
AddType audio/mp4                   m4a f4a f4b
AddType audio/ogg                   oga ogg

# Video
AddType video/mp4                   mp4 m4v f4v f4p
AddType video/ogg                   ogv
AddType video/webm                  webm
AddType video/x-flv                 flv

# SVG
AddType image/svg+xml               svg svgz
AddEncoding gzip                    svgz

# Webfonts
AddType application/vnd.ms-fontobject eot
AddType application/x-font-ttf       ttf ttc
AddType application/x-font-woff      woff
AddType font/opentype                otf

# Assorted types
AddType application/octet-stream     safariextz
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-shockwave-flash swf
AddType application/x-web-app-manifest+json webapp
AddType application/x-xpinstall      xpi
AddType application/xml               rss atom xml rdf
AddType image/webp                    webp
AddType image/x-icon                  ico

```

```
AddType text/cache-manifest      appcache manifest
AddType text/vtt                  vtt
AddType text/x-component          htc
AddType text/x-vcard              vcf
```

```
#::: Allow concatenation from within specific js and css files ::::
```

```
# e.g. Inside of script, combined.js you could have
```

```
# <!--#include file="libs/jquery-1.5.0.min.js" -->
```

```
# <!--#include file="plugins/jquery.idletimer.js" -->
```

```
# and they would be included into this single file.
```

```
# This is not in use as it stands. You may choose to use this technique
```

```
# if you do not have a build process.
```

```
#<FilesMatch "\.combined\.js$">
```

```
# Options +Includes
```

```
# AddOutputFilterByType INCLUDES application/javascript application/json
```

```
# SetOutputFilter INCLUDES
```

```
#</FilesMatch>
```

```
#<FilesMatch "\.combined\.css$">
```

```
# Options +Includes
```

```
# AddOutputFilterByType INCLUDES text/css
```

```
# SetOutputFilter INCLUDES
```

```
#</FilesMatch>
```

```
#::: Gzip compression ::::
```

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

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

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

```
      SetEnvIfNoCase ^(\Accept-Encoding X-cept-Encoding X(15)|^(15)|-(15))$ ^((gzip|deflate)\
```

```
{4,13})$ HAVE_Accept-Encoding
```

```
      RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
```

```
    </IfModule>
```

```
  </IfModule>
```

```
</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/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>
```

```
#::: Expires headers (for better cache control) ::::  
# This assumes you control versioning with filename-based cache busting
```

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

```
ExpiresActive on
```

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

```
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>
```

```
#::: Prevent mobile network providers from modifying your site ::::;
```

```
# The following header prevents modification of your code over 3G on some
```

```
# European providers.
```

```
# This is the official 'bypass' suggested by O2 in the UK.
```

```
# Enable this if you run into this problem, otherwise it's a waste of resources.
```

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

```
# Header set Cache-Control "no-transform"
```

```
# </IfModule>
```

```
#::: ETag removal ::::;
```

```
# FileETag None is not enough for every server.
```

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

```
Header unset ETag
```

```
</IfModule>
```

```
# Since we're sending far-future expires, we don't need ETags for  
# static content.
```

```
FileETag None
```

```
#::: Stop screen flicker in IE on CSS rollovers ::::;  
# The following directives stop screen flicker in IE on CSS rollovers - in  
# combination with the "ExpiresByType" rules for images (see above).
```

```
# BrowserMatch "MSIE" brokenvary=1  
# BrowserMatch "Mozilla/4.[0-9]{2}" brokenvary=1  
# BrowserMatch "Opera" !brokenvary  
# SetEnvIf brokenvary 1 force-no-vary
```

```
#::: Set Keep-Alive Header ::::;
```

```
# Keep-Alive allows the server to send multiple requests through one  
# TCP-connection. Be aware of possible disadvantages of this setting. Turn on  
# if you serve a lot of static content.
```

```
# <IfModule mod_headers.c>  
# Header set Connection Keep-Alive  
# </IfModule>
```

```
#::: Cookie setting from iframes ::::;
```

```
# Allow cookies to be set from iframes (for IE only)  
# If needed, specify a path or regex in the Location directive.
```

```
# <IfModule mod_headers.c>  
# Header set P3P "policyref=\"/w3c/p3p.xml\", CP=\"IDC DSP COR ADM DEVI TAIi PSA PSD IVAi  
OUR IND CNT\""   
# </IfModule>
```

```
#::: Start rewrite engine ::::;
```

```
# Turning on the rewrite engine is necessary for the following rules and  
# features. FollowSymLinks must be enabled for this to work.
```

```
# 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://goo.gl/Mluzd
```

```
<IfModule mod_rewrite.c>  
    Options +FollowSymlinks  
# Options +SymLinksIfOwnerMatch  
    RewriteEngine On  
# RewriteBase /  
</IfModule>
```

```
#::: Suppress or force the "www." at the beginning of URLs ::::
```

```
# The same content should never be available under two different URLs -  
# especially not with and without "www." at the beginning, since this can cause  
# SEO problems (duplicate content). That's why you should choose one of the  
# alternatives and redirect the other one.
```

```
# By default option 1 (no "www.") is activated.  
# no-www.org/faq.php?q=class_b
```

```
# If you'd prefer to use option 2, just comment out all option 1 lines  
# and uncomment option 2.
```

```
# IMPORTANT: NEVER USE BOTH RULES AT THE SAME TIME!
```

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

```
# Option 1:  
# 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>
```

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

```
# Option 2:  
# Rewrite "example.com -> www.example.com".  
# Be aware that the following rule might not be a good idea if you use "real"
```

```
# subdomains for certain parts of your website.

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

#::: Built-in filename-based cache busting ::::;

# If you're not using the build script to manage your filename version rewving,
# you might want to consider enabling this, which will route requests for
# `/css/style.20110203.css` to `/css/style.css`.

# To understand why this is important and a better idea than all.css?v1231,
# please refer to the bundled documentation about `.htaccess`.

# <IfModule mod_rewrite.c>
#   RewriteCond %{REQUEST_FILENAME} !-f
#   RewriteCond %{REQUEST_FILENAME} !-d
#   RewriteRule ^(.+)\.(\d+)\.(\.js|.css|.png|.jpg|.gif)$ $1.$3 [L]
# </IfModule>

#::: Prevent SSL cert warnings ::::;

# Rewrite secure requests properly to prevent SSL cert warnings, e.g. prevent
# https://www.example.com when your cert only allows https://secure.example.com

# <IfModule mod_rewrite.c>
#   RewriteCond %{SERVER_PORT} !^443
#   RewriteRule ^ https://example-domain-please-change-me.com%{REQUEST_URI} [R=301,L]
# </IfModule>

#::: Prevent 404 errors for non-existing redirected folders ::::;

# without -MultiViews, Apache will give a 404 for a rewrite if a folder of the
# same name does not exist.
# webmasterworld.com/apache/3808792.htm
```

Options -MultiViews


```
#::: Custom 404 page ::::
```

```
# You can add custom pages to handle 500 or 403 pretty easily, if you like.  
# If you are hosting your site in subdirectory, adjust this accordingly  
# e.g. ErrorDocument 404 /subdir/404.html
```

```
ErrorDocument 404 /404.html
```

```
#::: 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
```

```
#::: Security ::::
```

```
# To avoid displaying the exact version number of Apache being used, add the  
# following to httpd.conf (it will not work in .htaccess):  
# ServerTokens Prod
```

```
# "-Indexes" will have Apache block users from browsing folders without a  
# default document Usually you should leave this activated, because you  
# shouldn't allow everybody to surf through every folder on your server (which  
# includes rather private places like CMS system folders).
```

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

```
Options -Indexes
```

```
</IfModule>
```

```
# Block access to "hidden" directories or files whose names begin with a  
# period. This includes directories used by version control systems such as  
# Subversion or Git.
```

```
<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/html editors and pose a great security danger, when anyone can access  
# them
```

```
# URGENT
```

```
<FilesMatch "(\\. (bak| config| dist| fl| incl| ini| log| psd| sh| sql| swp)| \")$" >
```

```
Order allow,deny
```

```
Deny from all
```

```
Satisfy All
```

```
</FilesMatch>
```

```
#::: PHP configuration ::::
```

```
# This should all go in your php.ini file if possible.
```

```
# If your server is not already configured as such, the following directive
```

```
# should be uncommented in order to set PHP's register_globals option to OFF.
```

```
# This closes a major security hole that is abused by most XSS (cross-site
```

```
# scripting) attacks. For more information: http://php.net/register\_globals
```

```
#
```

```
# IF REGISTER_GLOBALS DIRECTIVE CAUSES 500 INTERNAL SERVER ERRORS:
```

```
#
```

```
# Your server does not allow PHP directives to be set via .htaccess. In that
```

```
# case you must make this change in your php.ini file instead. If you are
```

```
# using a commercial web host, contact the administrators for assistance in
```

```
# doing this. Not all servers allow local php.ini files, and they should
```

```
# include all PHP configurations (not just this one), or you will effectively
```

```
# reset everything to PHP defaults. Consult www.php.net for more detailed
```

```
# information about setting PHP directives.
```

```
# php_flag register_globals Off
```

```
# Rename session cookie to something else, than PHPSESSID
```

```
# php_value session.name sid
```

```
# Disable magic quotes (This feature has been DEPRECATED as of PHP 5.3.0 and REMOVED as of )
```

```
# php_flag magic_quotes_gpc Off
```

```
# Do not show you are using PHP
```

```
# Note: Move this line to php.ini since it won't work in .htaccess
```

```
# php_flag expose_php Off
```

```
# Level of log detail - log all errors
```

```
# php_value error_reporting -1
```

```
# Write errors to log file
```

```
# php_flag log_errors On
```

```
# Do not display errors in browser (production - Off, development - On)
# php_flag display_errors Off

# Do not display startup errors (production - Off, development - On)
# php_flag display_startup_errors Off

# Format errors in plain text
# Note: Leave this setting 'On' for xdebug's var_dump() output
# php_flag html_errors Off

# Show multiple occurrence of error
# php_flag ignore_repeated_errors Off

# Show same errors from different sources
# php_flag ignore_repeated_source Off

# Size limit for error messages
# php_value log_errors_max_len 1024

# Don't precede error with string (doesn't accept empty string, use whitespace if you need)
# php_value error_prepend_string " "

# Don't prepend to error (doesn't accept empty string, use whitespace if you need)
# php_value error_append_string " "

# Increase cookie security
<IfModule mod_php5.c>
    php_value session.cookie_httponly true
</IfModule>
```