

```

# Apache configuration file
# httpd.apache.org/docs/2.2/mod/quickreference.html

# Note .htaccess files are an overhead, this logic should be in your Apache config if possible
# httpd.apache.org/docs/2.2/howto/htaccess.html

# Techniques in here adapted from all over, including:
#   Kroc Camen: camendesign.com/.htaccess
#   perishablepress.com/press/2006/01/10/stupid-htaccess-tricks/
#   Sample .htaccess file of CMS MODx: modx.com

###
### If you run a webserver other than Apache, consider:
### github.com/h5bp/server-configs
###

# -----
# Start rewrite engine
# -----

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

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

RewriteRule ^([\^\.]+)?/?$ index.php?p1=$1
RewriteRule ^([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4&p5=$5
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4&p5=$5&p6=$6
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4&p5=$5&p6=$6&p7=$7
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4&p5=$5&p6=$6&p7=$7&p8=$8
RewriteRule ^([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)/([\^\.]+)?/?$ index.php?p1=$1&p2=$2&p3=$3&p4=$4&p5=$5&p6=$6&p7=$7&p8=$8&p9=$9

```

```
 RewriteRule %{ENV:REMOTE_ADDR} /p1=$1&p2=$2&p3=$3&p4=$4&p5=$5&p6=$6&p7=$7&p8=$8&p9=$9

</IfModule>

# -----
# Better website experience for IE users
# -----

# Force the latest IE version, in various cases when it may fall back to IE7 mode
# github.com/rails/rails/commit/123eb25#commitcomment-118920
# Use ChromeFrame if it's installed for a better experience for the poor IE folk

<IfModule mod_headers.c>
  Header set X-UA-Compatible "IE=Edge,chrome=1"
  # mod_headers can't match by content-type, but we don't want to send this header on *every*
  <FilesMatch "\.(js|css|gif|png|jpe?
  gif|pdf|xml|ogal|ogg|m4a|ogv|mp4|m4v|webm|svg|svgz|eot|ttf|otf|woff|ico|webp|appcache|manifest|
  >
  Header unset X-UA-Compatible
</FilesMatch>
</IfModule>

# -----
# Cross-domain AJAX requests
# -----

# Serve cross-domain Ajax requests, disabled by default.
# enable-cors.org
# code.google.com/p/html5security/wiki/CrossOriginRequestSecurity

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

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

# Send CORS headers if browsers request them; enabled by default for images.
# developer.mozilla.org/en/CORS_Enabled_Image
" <!-- This is a comment -->
```

```
# blog.chromium.org/2011/07/using-cross-domain-images-in-webgl-and.html
# hacks.mozilla.org/2011/11/using-cors-to-load-webgl-textures-from-cross-domain-images/
# wiki.mozilla.org/Security/Reviews/crossoriginAttribute

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

# -----
# Webfont access
# -----

# Allow access from all domains for webfonts.
# Alternatively you could only whitelist your
# subdomains like "subdomain.example.com".

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

# -----
# Proper MIME type for all files
# -----

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

# Audio
AddType audio/ogg                   oga ogg
AddType audio/mp4                    m4a
```

## # Video

```
AddType video/ogg          ogv
AddType video/mp4          mp4 m4v
AddType video/webm        webm
```

## # SVG

```
# Required for svg webfonts on iPad
# twitter.com/FontSquirrel/status/14855840545
```

```
AddType image/svg+xml     svg svgz
AddEncoding gzip          svgz
```

## # Webfonts

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

## # Assorted types

```
AddType image/x-icon          ico
AddType image/webp            webp
AddType text/cache-manifest    appcache manifest
AddType text/x-component      htc
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-xpinstall xpi
AddType application/octet-stream safariextz
AddType application/x-web-app-manifest+json webapp
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 in the boilerplate as it stands. You may  
# choose to name your files in this way for this advantage or  
# concatenate and minify them manually.*

*# Disabled by default.*

*<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>*

*# Force deflate for mangled headers developer.yahoo.com/blogs/ymn/posts/2010/12/pushing-bu*

*<IfModule mod\_setenvif.c>*

*<IfModule mod\_headers.c>*

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

*HAVE\_Accept-Encoding*

*RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE\_Accept-Encoding*

*</IfModule>*

*</IfModule>*

*# HTML, TXT, CSS, JavaScript, JSON, XML, HTC:*

*# <IfModule filter\_module>*

*# FilterDeclare COMPRESS*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$text/html*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$text/css*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$text/plain*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$text/xml*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$text/x-component*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$application/javascript*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$application/json*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$application/xml*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$application/xhtml+xml*

*# FilterProvider COMPRESS DEFLATE resp=Content-Type \$application/rss+xml*

```

#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $application/atom+xml
#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $application/vnd.ms-fontobject
#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $image/svg+xml
#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $image/x-icon
#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $application/x-font-ttf
#   FilterProvider  COMPRESS  DEFLATE  resp=Content-Type  $font/opentype
#   FilterChain     COMPRESS
#   FilterProtocol  COMPRESS  DEFLATE  change=yes;byteranges=no
# </IfModule>

<IfModule !mod_filter.c>
# Legacy versions of Apache
AddOutputFilterByType DEFLATE text/html text/plain text/css application/json
AddOutputFilterByType DEFLATE application/javascript
AddOutputFilterByType DEFLATE text/xml application/xml text/x-component
AddOutputFilterByType DEFLATE application/xhtml+xml application/rss+xml application/atom
AddOutputFilterByType DEFLATE image/x-icon image/svg+xml application/vnd.ms-fontobject :
font/opentype
</IfModule>

</IfModule>

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

# These are pretty far-future expires headers.
# They assume you control versioning with cachebusting query params like
# <script src="application.js?20100608">
# Additionally, consider that outdated proxies may miscache
# www.stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring/

# If you don't use filenames to version, lower the CSS and JS to something like
# "access plus 1 week" or so.

<IfModule mod_expires.c>
ExpiresActive on

# Perhaps better to whitelist expires rules? Perhaps.
ExpiresDefault          "access plus 1 month"

```

*# cache, appcache needs re-requests in FF 3.6 (thanks Remy "Introducing HTML5")*

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

*# Your document html*

ExpiresByType text/html "access plus 0 seconds"

*# Data*

ExpiresByType text/xml "access plus 0 seconds"

ExpiresByType application/xml "access plus 0 seconds"

ExpiresByType application/json "access plus 0 seconds"

*# Feed*

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

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

*# Favicon (cannot be renamed)*

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

*# Media: images, video, audio*

ExpiresByType image/gif "access plus 1 month"

ExpiresByType image/png "access plus 1 month"

ExpiresByType image/jpg "access plus 1 month"

ExpiresByType image/jpeg "access plus 1 month"

ExpiresByType video/ogg "access plus 1 month"

ExpiresByType audio/ogg "access plus 1 month"

ExpiresByType video/mp4 "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/x-font-ttf "access plus 1 month"

ExpiresByType font/opentype "access plus 1 month"

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

ExpiresByType image/svg+xml "access plus 1 month"

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

*# CSS and JavaScript*

ExpiresByType text/css "access plus 1 year"

ExpiresByType application/javascript "access plus 1 year"

```

</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.
# developer.yahoo.com/performance/rules.html#etags
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). If
# needed, un-comment the following rules.

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

# -----
# Cookie setting from iframes
# -----

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

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

```

```
.. ..-----
# </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
# 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. Remember: Shorter URLs are sexier.
# no-www.org/faq.php?q=class_b

# If you rather want 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:
# To rewrite "example.com -> www.example.com" uncomment the following lines.
# 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,
# read: github.com/h5bp/html5-boilerplate/wiki/Version-Control-with-Cachebusting

# Uncomment to enable.
# <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
# Uncomment the following lines to use this feature.

# <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
# e.g. /blog/hello : 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.
#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 .css .js .xml .json .rss .atom

# -----
# A little more security
# -----

# Do we want to advertise the exact version number of Apache we're running?
# Probably not.
## This can only be enabled if used in 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 thi
# 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 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
# RewriteCond %{SCRIPT_FILENAME} -f
# RewriteRule "(^|/)\." - [F]
#</IfModule>
```

```
# Block access to backup and source files
# This files may be left by some text/html editors and
# pose a great security danger, when someone can access them
<FilesMatch "(\\. (bak| config| sql| fl| al| psd| ini| log| sh| incl| swp| dist)| \"\")$" >
    Order allow,deny
    Deny from all
    Satisfy All
</FilesMatch>

# 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

# 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 php5_module>
    php_value session.cookie_httponly true
</IfModule>
```