

```
# # 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: modxcms.com

# # -----
# # 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 *e*
#   #<FilesMatch "\.(js|css|gif|png|jpe?
gl pdf|xml|ogal|oggl|m4al|ogvl|mp4l|m4vl|webml|svg|svgz|eot|ttf|otf|woff|icol|webpl|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
# # 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)
# # http://www.w3.org/2003/01/27-datetime/#date-time-format-rules

```

```
# # tools.ietf.org/html/rfc4329#section-7.2
# AddType application/javascript      js jsonp
# AddType application/json            json

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

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

# 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/xml                rss atom xml rdf
# 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
# AddType application/x-shockwave-flash swf
# AddType text/vtt                         vtt
```

```

# # -----
# # 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 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>

# ## Force deflate for mangled headers developer.yahoo.com/blogs/ymd/posts/2010/12/pushin
# <IfModule mod_setenvif.c>
#     <IfModule mod_headers.c>
#         #SetEnvIfNoCase ^(\Accept-Encoding X-cept-Encoding X(15) ^(15) (15))$ ^(gzip defl
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/
# #AddOutputFilterByType DEFLATE image/x-icon image/svg+xml application/vnd.ms-fontobj
font/opentype
# #</IfModule>

# #</IfModule>

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

# # These are pretty far-future expires headers.
# # They assume you control versioning with filename-based cache busting
# # 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".

# <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/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>

# # -----
# # 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.

# # <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.
# # 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).

# # 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
# # </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.

# # Some cloud hosting services require RewriteBase to be set: goo.gl/H0cPN
# # If using the h5bn in a subdirectory, use `RewriteBase /foo` instead where
```



```
" " "-----" "-----" "-----" "-----" "-----" "-----"
# # 'foo' is your directory.

# # If your web host doesn't allow the FollowSymlinks option, you may need to
# # comment it out and use `Options +SymLinksOfOwnerMatch`, but be aware of the
# # performance impact: http://goo.gl/Mluzd

# <IfModule mod_rewrite.c>
#   Options +FollowSymlinks
# # Options +SymLinksIfOwnerMatch
#   Options +FollowSymlinks
#   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,
# # read: github.com/h5bp/html5-boilerplate/wiki/cachebusting

# # <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://secure.%{HTTP_HOST}%{REQUEST_URI} [R=301,L]

```

```
# # RewriteRule https://example-domain-please-change-me.com/&{RQUC31_UK13 LR=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

# # -----
# # A little more 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.
# <FilesMatch "(\\. (bak| config| sql| fl| a| psd| ini| log| sh| incl| supl| 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

# ## Disable magic quotes (This feature has been DEPRECATED as of PHP 5.3.0 and REMOVED as
# # 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 php5_module>
#     php_value session.cookie_httponly true
</IfModule>
```