

```

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

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

<IfModule mod_rewrite.c>
    Options +FollowSymLinks
    RewriteEngine On
</IfModule>

# -----
# Add/remove trailing slash to (non-file) URLs
# -----

# Google treats URLs with and without trailing slashes separately.
# Forcing a trailing slash is usually preferred, but all that's really
# important is that one correctly redirects to the other.

# By default option 1 (force trailing slash) is activated.
# http://googlewebmastercentral.blogspot.com/2010/04/to-slash-or-not-to-slash.html
# http://www.alistapart.com/articles/slashforward/
# http://httpd.apache.org/docs/2.0/misc/rewriteguide.html#url Trailing Slash Problem

# -----

# Option 1:
# Rewrite "domain.com/foo -> domain.com/foo/"

#<IfModule mod_rewrite.c>
# RewriteCond %{REQUEST_FILENAME} !-f
# RewriteCond %{REQUEST_URI} !(\.[a-zA-Z0-9]{1,5}|/|#|\.*)$
# RewriteRule ^(\.*)$ /$1/ [R=301,L]
#</IfModule>

# -----

# Option 2:
# Rewrite "domain.com/foo/ -> domain.com/foo"

```

```

<IfModule mod_rewrite.c>
  RewriteRule ^(.*)/$ /$1 [R=301,L]
</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.%1%{REQUEST_URI} [R=301,L]
# </IfModule>

```

```

# 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 revving,
# 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>

# -----
# Front controller routing
# -----

<IfModule mod_rewrite.c>

  # uncomment the following line, if you are having trouble
  # getting no_script_name to work
  #RewriteBase /

  # we skip all files with .something
  RewriteCond %{REQUEST_URI} \.+
  RewriteCond %{REQUEST_URI} !\.html$
  RewriteRule .* - [L]

  # we check if the .html version is here (caching)
  RewriteRule ^$ index.html [QSA]
  RewriteRule ^([\^.]*)$ $1.html [QSA]
  RewriteCond %{REQUEST_FILENAME} !-f

```

```

# no, so we redirect to our front web controller
RewriteRule ^(.*)$ index.php [QSA,L]
</IfModule>

# 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 possibl
# 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

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

# -----
# 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 *ever!
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|pdf|xml|ogal|oggl|m4al|ogvl|mp4l|m4vl|webml|svgl|svgz|eotl|ttfl|otfl|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)  
# 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/ydn/posts/2010/12/pushing-bi
```

```
<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.c>
```

```
<IfModule version.c>
```

```
<IfVersion >= 2.4>
```

```
FilterDeclare COMPRESS
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) =" m#^text/(html|css|plain|x-
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) ="
```

```
m#^application/(javascript|json|xml|xhtml+xml|rss+xml|atom+xml|vnd.ms-fontobject|x-font-ttf)
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) =" m#^image/(svg+xml|x-icon)+
```

```
FilterProvider COMPRESS DEFLATE "%(CONTENT_TYPE) = 'font/opentype' "
```

```
FilterChain COMPRESS
```

```
FilterProtocol COMPRESS DEFLATE change=yes;byteranges=no
```

```
</IfVersion>
```

```
<IfVersion < 2.4>
```

```
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-fontobje
```

```
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
```

```
</IfVersion>
```

```
</IfModule>
```

```
<IfModule !version.c>
```

```
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>

<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, apcache 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"
```

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

```

# FONTS
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

# -----
# Content-Disposition

```

```
# 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 IVA"
#   </Location>
# </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 do
# 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|fla|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 MARKA_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 On
```

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

```
php_flag display_startup_errors On
```

```
# 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>
```