

```

# 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/paulirish/html5-boilerplate-server-configs
###

#*gif$.
RewriteEngine on
RewriteCond %{REQUEST_FILENAME} .*jpg$. *png$. *jpeg$ [NC]
RewriteRule ^(.*)?(.*)$ /books/core/images/image.php?img=$1&$2 [QSA,L]

# -----
# 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 *.ew
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|pdf|xml|ogal|oggl|m4al|ogvl|mp4l|m4vl|webml|svgl|svgz|eotl|ttfl|otfl|woff|licol|webpl|appcache|manifestl
">
    Header unset X-UA-Compatible
  </FilesMatch>
</IfModule>

# -----
# Cross domain CNAME redirects

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```
# Cross-domain XMLHttpRequests
# -----

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

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

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

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

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

# -----
# 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-xpinstall      xpi
AddType application/octet-stream     safariextz
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
```

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# 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-bey
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXngl X-cept-Encodingl X(15)|^(15)|-(15))$ ^((gzip|deflate)\s)
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

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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 app
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"

```

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# 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 font/truetype "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 mod_headers.c>
    Header append Cache-Control "public"
</IfModule>

</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 IWj
CNTV""
#   </Location>
# </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.

<IfModule mod_rewrite.c>

    Options +FollowSymLinks
    RewriteEngine On

    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^([\^.]*)?$ /books/index.php?id=$1 [L]

    # Else rewrite only if requested URL-path does not end with any of the listed
    # filetypes and does not resolve to a physically-existing directory or file
    #RewriteCond $1 !\.(gif|jpe?g|png|php[345]?|s?html?|xml|js|css|txt|rdf|pdf|flv|swf|wmv|mpu
    #RewriteCond %{REQUEST_FILENAME} !-d
    #RewriteCond %{REQUEST_FILENAME} !-f
    #RewriteRule ^(\.+) $ /books/index.php?id=$1 [QSA,L]

    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(\.*)\.php$ /books/core/$1.php [L]

    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(\.*)\.js$ /books/core/$1.js [L]

    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteRule ^(\.*)\.css$ /books/core/$1.css [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!
```

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```

```
# 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>
```

```
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```

```
# 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 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/paulirish/html5-boilerplate/wiki/Version-Control-with-Cachebusting

# Uncomment to enable.
# <IfModule mod_rewrite.c>
#   RewriteCond %{REQUEST_FILENAME} !-f
#   RewriteCond %{REQUEST_FILENAME} !-d
#   RewriteRule ^(.+)?\.(?!\d+)?\.(j?sl|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 /books/templates/404.php
ErrorDocument 500 /books/templates/404.php
```

```
# -----
# 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 .html .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>
    RewriteRule "(^/)\." - [F]
</IfModule>

# 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 shared host, you may not have access to php.ini. In that case, you
# may need to contact your host for more information.
```

```
# 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>

php_flag display_errors on
php_value error_reporting 32767

# -----
# Mobile specific server config
# -----

# blackberry types - http://goo.gl/A696I
AddType application/x-bb-appworld          bbaw
AddType text/vnd.rim.location.xloc         xloc
AddType text/x-vcard                       vcf

# nokia types - http://goo.gl/LU1bM
# http://wiki.forum.nokia.com/index.php/How_to_enable_DTA_(Over_The_Air)_SIS_install_from_y
AddType application/octet-stream          six
AddType application/vnd.symbian.install  sis

# prevent mobile transcoding -
# <FilesMatch "\.(php|cgi|pl)$">
#   <IfModule mod_headers.c>
#     Header append Cache-Control "no-transform"
#     Header append Vary "User-Agent, Accept"
#   </IfModule>
# </FilesMatch>

# Mobile Redirection Script is used to detect if user is viewing the site
# from mobile device. If the script detects the user is viewing from
# mobile phone, they will be redirected to the mobile version of the site.
# One thing to note is that if you want to allow the user on the mobile version
# of your site to have the option to switch to desktop version, you may consider
# using other methods like JavaScript or PHP at http://detectmobilebrowser.com/
```

```
#
# To use the script, first, uncomment the lines below,
# second, change 'http://www.example.com/mobile' to the URL of your mobile site.

#RewriteEngine On
#RewriteBase /
#RewriteCond %{HTTP_USER_AGENT}
android|avantgo|blackberry|blazer|compal|elaine|fennec|hiptop|iemobile|ip(hone|od)|iris|kin
|maemo|midp|mmp|opera\ m(ob|in)i|palm(\ os)?|phone|p(ixi|re)\|plucker|pocket|psp|symbian|t(
|browser|link)|vodafone|wap|windows\ (cel|phone)|xda|xiino [NC,OR]
#RewriteCond %{HTTP_USER_AGENT} ^(1207|6310|6590|3gso|4thp|50[1-6]i|770s|802s|a\ wal|aba|ac
)|ai(kol|rn)|al(av|cal|co)|amoi|an(ex|nyl|yu)|aptu|ar(ch|go)|as(tel|us)|attw|au(di| \-m|r\ |s\
)|avan|be(ck|ll|nq)|bi(1bl|rd)|bl(ack|az)|br(el|v)w|bumbl|bw\-(nl|u)|c55\|capil|ccwa|cdm\-|cell|c
|co(mpl|nd)|crawl|da(it|ll|ng)|dbtel|dc\-|s|devil|dical|dmobl|do(cl|p)|ds(12| \-d)|el(49|ai)|em(12|
7)0|osl|wal|ze)|fetc|fly(\-|_)|g1\ |ul|g560|genel|gf\-5|g\-mol|go(\. |ul|od)|gr(ad|un)|hai|el|hci|tl|hd\
|il|ip)|hs\-|cl|ht(c\-\| \ |_)|al|gl|pl|sl|t)|tp)|hu(aw|tc)|i\-(20|gol|ma)|i230|iac(\ | \-
| \)|librol|ideal|ig01|ikom|im1k|innol|ipaq|iris|ja(tl|v)al|jbrol|jemul|jigs|kddi|keji|kgt(\ | \)|ku
|kyo(cl|k)|le(nol|xi)|lg(\ |gl| \/(kl|ll|u)|50|54|e\-|e\| \-[a-u])|libw|lynx|m1\-|m3gal|m50\|ma(ct
|crl|me(di|rc|ri)|mi(o8|oal|ts)|mmef|mo(01|02|bil|del|dol|t\-\| \ |ol|v)|zz)|mt(50|p1|v\ |) |mubpl|myuk
3)|n30(0|2)|n50(0|2|5)|n7(0(0|1)|10)|ne((cl|m)\-
|on|tfl|wfl|wgl|wt)|nok(6|i)|nzph|o2i|m|op(til|uv)|oran|owg1|p800|pan(al|dl|t)|pdxgl|pg(13| \-([1-
8]|c))|phil|pirel|pl(ay|uc)|pn\-2|po(ckl|rtl|se)|proxl|psi|ol|pt\-gl|qa\-al|qc(07|12|21|32|60| \-[2-
]|) |qtek|r380|r600|raksl|rim9|ro(vel|zo)|s55\|sa(gel|mal|mml|msl|nyl|va)|sc(01|h\-|ool|p\-)|sdk\|se
|sharl|sie(\-|m)|sk\-0|sl(45|id)|sm(a|ll|arl|b3|itl|t5)|so(ftl|ny)|sp(01|h\-|v\-|v\
)|sy(01|mb)|t2(18|50)|t6(00|10|18)|ta(gt|lk)|tcl\-|tdg\-|tel(il|m)|tim\-|t\-mol|to(pl|sh)|ts(
|m3|m5)|tx\-9|up(\. |bl|gl|si)|utst|v400|v750|veril|vi(rgl|te)|vk(40|5[0-3]) \-
v)|vm40|vodal|vu|cl|vx(52|53|60|61|70|80|81|83|85|98)|w3c(\-| \ |) |webcl|whi|tl|wi(g\ |l|ncl|nw)|uml|bl
|your|zetel|zte\-) [NC]
#RewriteRule ^$ http://www.example.com/mobile [R,L]
```