

```

# 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: 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 *evn
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|pdf|xml|ogal|oggl|m4a|ogv|mp4|m4v|webm|svg|svgz|eot|ttf|otf|woff|ico|webp|appcache|manifest|
>
  Header unset X-UA-Compatible
</FilesMatch>
</IfModule>

# -----
# -----

```

```

# 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|tcf|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
```

```

# 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/pushing-bey
<IfModule mod_setenvif.c>
    <IfModule mod_headers.c>
        SetEnvIfNoCase ^(\Accept-Encoding|X-cept-Encoding|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

```

```

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, apache 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 | 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 IW\
CNT\"""
#   </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 $1 !\.(gif|jpe?g|png|php[345]?|s?html?|xml|js|css|txt|rdf|pdf|flv|swf|wmv|mp|
    #RewriteCond %{REQUEST_FILENAME} !-d
    #RewriteCond %{REQUEST_FILENAME} !-f
    #RewriteRule ^(.+)$ /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!

# -----

# 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 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+)}%{(.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 /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 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 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
# unable to do this, please contact the web host to make the change for you.
```

```
# 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|yw)|aptu|ar(ch|go)|as(tel|us)|attw|au(di|l-m|r)\|s\
)|avan|be(ck|ll|nq)|bi(l|rd)|bl(ac|az)|br(el|v)w|bumbl|bw\-(n|u)|c55\|capil|ccwa|cdm\|-|cell|c
|co(mpl|nd)|craw|da(i|t|l|l|ng)|dbtel|dc\|-|devil|di|cal|dmobl|do(cl|p)|ds(12l\|-d)|el(49l|ai)|em(12l|
7J0|osl|wal|ze)|fetc|fly(\|-|_)|g1\|ul|g560|genel|gf\|-5l|g\|-mol|go(\.|\|od)|gr(ad|un)|haie|hci|tl|hd\
|ilip)|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|ipaql|iris|ja(tl|v)|al|jbrol|jemul|jigs|kddil|keji|kgt(\|_|\/)|ku
|kyo(cl|k)|le(nol|xi)|lg(\|_|gl|\/(kl|ll|u)|50|54l|e\|-|e\|\/\|-[a-w])|libw|lynx|m1\|-|m3gal|m50\|ma(ct
|crl|me(di|rc|ri)|mi(o8|oal|ts)|mmefl|mo(01|02l|bil|del|dol|t(\|-|\|_|ol|v)|zz)|mt(50l|p1l|v\|_)|mubpl|myw
3J|n30(0l|2)|n50(0l|2l|5)|n7(0(0l|1)|10)|ne((cl|m)\|-
|onl|tfl|wfl|wgl|wt)|nok(6l|i)|nzphl|o2iml|op(til|uv)|oranl|owg1|p800|pan(al|dl|t)|pdxgl|pg(13l\|-[1-
8Jl|c))|phil|pirel|pl(ay|uc)|pn\|-2l|po(ckl|rtl|se)|proxl|psi|ol|pt\|-gl|qa\|-al|qc(07l|12l|21l|32l|60l\|-[2-
]|qtekl|r380l|r600l|raksl|rim9l|ro(vel|zo)|s55\|sa(gel|mal|mml|msl|nyl|va)|sc(01l|h\|-|ool|p\|-)|sdk\|se
|sharl|sie(\|-|m)|sk\|-0l|sl(45l|id)|sm(al|arl|b3l|itl|t5)|so(ftl|ny)|sp(01l|h\|-|v\|-|v\
)|sy(01l|mb)|t2(18l|50)|t6(00l|10l|18)|ta(gt|lk)|tcl\|-|tdg\|-|tel(il|m)|tim\|-|t\|-mol|to(pl|sh)|ts(
|m3l|m5)|tx\|-9l|up(\.|\|bl|gl|si)|utstl|v400l|v750l|veril|vi(rgl|te)|vk(40l|5[0-3]l\|-
v)|vm40l|voda|vul|cl|vx(52l|53l|60l|61l|70l|80l|81l|83l|85l|98)|w3c(\|-|\|_)|webcl|whi|tl|wi(g\|l|ncl|nw)|uml|bi
l|yourl|zetol|zte\|-) [NC]
#RewriteRule ^$ http://www.example.com/mobile [R,L]

```