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# Apache configuration file
# http://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
# http://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
###

# -----
# 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 *ev*
  <FilesMatch "\.(js|css|gif|png|jpe?
gl|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.
# enable-cors.org
# code.google.com/apis/ajax/cors/docs/cross-domain/requirements.html

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```
# code.google.com/p/nginx-security/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|tcl|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

# Image
AddType image/jpeg .jpeg .jpg
AddType image/png .png

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

# Video
AddType video/ogg ogv
AddType video/mp4 mp4 m4v
AddType video/webm webm
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# 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/ydn/posts/2010/12/pushing-bey
<IfModule mod_setenvif.c>
  <IfModule mod_headers.c>
    SetEnvIfNoCase ^(\Accept-EncodXng|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 $application/x-font-ttf
  FilterProvider   COMPRESS DEFLATE resp=Content-Type $font/opentype
  FilterChain      COMPRESS

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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/svg+xml application/vnd.ms-fontobject application/x-fc
</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"

```

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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  
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  
</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
```

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-----
# 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 /index.html#error=fourohfour  
ErrorDocument 403 /index.html#error=forbidden  
ErrorDocument 500 /index.html#error=general
```

```
# -----  
# 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).
```

Options -Indexes

```
# 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 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
```

```
# 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>
```