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# 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

# -----
# 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>
```

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# -----
# 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/2003/01/22-draft-ietf-http-wg-127-17.txt#section-4.1.1

```

*# 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  
AddType audio/mpeg mp3

*# 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/ymn/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>

# Compress all output labeled with one of the following MIME-types

```

```
<IfModule mod_filter.c>
    AddOutputFilterByType DEFLATE application/atom+xml \
                           application/javascript \
                           application/json \
                           application/rss+xml \
                           application/vnd.ms-fontobject \
                           application/x-font-ttf \
                           application/xhtml+xml \
                           application/xml \
                           font/opentype \
                           image/svg+xml \
                           image/x-icon \
                           text/css \
                           text/html \
                           text/plain \
                           text/x-component \
                           text/xml

</IfModule>
```

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</IfModule>
```

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# -----
# 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, 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/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>
```

```

# -----
# | File access |
# -----

# Block access to directories without a default document.
# Usually you should leave this uncommented because you shouldn't allow anyone
# to surf through every directory on your server (which may includes rather
# private places like the CMS's directories).

<IfModule mod_autoindex.c>
    Options -Indexes
</IfModule>

# -----

# Block access to hidden files and directories.
# This includes directories used by version control systems such as Git and SVN.

<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 editors and can pose a great security
# danger when anyone has access to them.

<FilesMatch "(^#.*#\. (bak|config|dist|fla|incl|ini|log|psd|sh|sql|sw[op])|~)">

    # Apache < 2.3
    <IfModule !mod_authz_core.c>
        Order allow,deny
        Deny from all
        Satisfy All
    </IfModule>

    # Apache ≥ 2.3
    <IfModule mod_authz_core.c>

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        Require all denied
    </IfModule>

</FilesMatch>

# -----
# 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

<IfModule mod_rewrite.c>
    RewriteEngine On
    RewriteCond %{REQUEST_FILENAME} !-f
    RewriteCond %{REQUEST_FILENAME} !-d
    RewriteRule ^(.*)$ index.php/$1 [L]
</IfModule>
```