

```
# 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|licol|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)
# http://www.w3.org/2003/01/22-datetime/
# http://www.w3.org/2003/01/22-datetime/
```

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

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

```

# -----
# Gzip compression
# -----

<IfModule mod_deflate.c>

    # Force compression for mangled headers.
    # http://developer.yahoo.com/blogs/ydn/posts/2010/12/pushing-beyond-gzipping
    <IfModule mod_setenvif.c>
        <IfModule mod_headers.c>
            SetEnvIfNoCase ^(\Accept-Encoding|X-cept-Encoding|X(15)|^(15)|-(15))$ ^((gzip|def
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
    # (for Apache versions below 2.3.7, you don't need to enable `mod_filter`
    # and can remove the `<IfModule mod_filter.c>` and `</IfModule>` lines
    # as `AddOutputFilterByType` is still in the core directives).
    <IfModule mod_filter.c>
        AddOutputFilterByType DEFLATE application/atom+xml \
            application/javascript \
            application/json \
            application/ld+json \
            application/rss+xml \
            application/vnd.ms-fontobject \
            application/x-font-ttf \
            application/x-web-app-manifest+json \
            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>
```

```
# -----  
# 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>

# -----
# 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

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

# Turning on the rewrite engine is necessary for the following rules and

```

features. FollowSymLinks must be enabled for this to work.

Options +FollowSymLinks

RewriteEngine On

RewriteRule ^(info|edit|segment|delete)/(.)+/(.[0-9]+)?\$ \$2.php?id=\$3&action=\$1

RewriteRule ^info/(.)+/saved?\$ \$1.php?saved=true

RewriteRule ^events/dashboard/(.[0-9]+)/?\$ event.dashboard.php?id=\$1

RewriteRule ^checklist/template/?\$ checklist.template.php

RewriteRule ^checklist/template/category/add?\$ checklist.category.php

RewriteRule ^events/checklist/(.[0-9]+)/?\$ event.checklist.php?id=\$1

RewriteRule ^whiteboard/(.[0-9]+)/(.)+/(.[0-9]+)/?\$ index.php?category=\$1&id=\$3

RewriteRule ^whiteboard/(.[0-9]+)/(.)+/saved/?\$ index.php?category=\$1&saved=true

RewriteRule ^whiteboard/(.[0-9]+)/(.)+/?\$ index.php?category=\$1

RewriteRule ^standard/(.)+/edit/(.[0-9]+)?\$ standard.table.php?table=\$1&id=\$2

RewriteRule ^(.+)/list/?\$ \$1.list.php

RewriteRule ^confirm/(.[0-9]+)/(.)+/?\$ newsletter.confirm.php?id=\$1&hash=\$2

RewriteRule ^people/search/(.[0-9]+)?\$ people.list.php?search=true&event=\$1

RewriteRule ^people/search/?\$ people.list.php?search=true

RewriteRule ^people/filter/?\$ people.filter.php

RewriteRule ^people/segments/?\$ people.segments.php

RewriteRule ^people/(.[0-9]+)/?\$ profile.php?id=\$1

RewriteRule ^people/(.[0-9]+)/(.)+/?\$ profile.php?id=\$1&message=\$2

RewriteRule ^standard/(.)+/delete/(.[0-9]+)?\$ standard.table.php?table=\$1&delete=\$2

RewriteRule ^standard/(.)+/saved?\$ standard.table.php?saved=true&table=\$1

RewriteRule ^standard/(.)+/?\$ standard.table.php?table=\$1

RewriteRule ^preference/(.)+/edit/(.[0-9]+)?\$ preferences.options.php?type=\$1&id=\$2

RewriteRule ^preference/(.)+/delete/(.[0-9]+)?\$ preferences.options.php?type=\$1&delete=\$2

RewriteRule ^preference/(.)+/saved?\$ preferences.options.php?saved=true&type=\$1

RewriteRule ^preference/(.)+/?\$ preferences.options.php?type=\$1

RewriteRule ^info/(.)+/?\$ \$1.php

RewriteRule ^signup/?\$ confirmcall.php

RewriteRule ^404/?\$ 404.php

RewriteRule ^report/(.)+/(.[0-9]+)?\$ report.\$1.php?id=\$2

RewriteRule ^cms/(.)+/?\$ cms.\$1.php

RewriteRule ^survey/results/(.[0-9]+)/?\$ survey.results.php?id=\$1

Suppress or force the "www." at the beginning of URLs

The same content should never be available under two different URLs -

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# especially not with and 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.  
# no-www.org/faq.php?q=class_b
```

```
<IfModule mod_rewrite.c>  
  RewriteCond %{HTTPS} !=on  
  RewriteCond %{HTTP_HOST} ^www\.(.+$) [NC]  
  RewriteRule ^ http://%1%{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 rewving,  
# 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/cachebusting
```

```
<IfModule mod_rewrite.c>  
  RewriteCond %{REQUEST_FILENAME} !-f  
  RewriteCond %{REQUEST_FILENAME} !-d  
  RewriteRule ^(\.+)\.(\d+)\. (js|css|png|jpg|gif)$ $1.$3 [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 not exist.  
# 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.
# If you are hosting your site in subdirectory, adjust this accordingly
#   e.g. ErrorDocument 404 /subdir/404.html
ErrorDocument 404 /error.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 .atom .css .js .json .rss .vtt .xml

# -----

# A little more security
# -----

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

<IfModule mod_rewrite.c>
    RewriteCond %{SCRIPT_FILENAME} -d [OR]
    RewriteCond %{SCRIPT_FILENAME} -f
    RewriteRule "(^|/)\." - [F]
</IfModule>

<FilesMatch "\.(bak|config|sql|fla|psd|ini|log|sh|incl|swp|dist)|\. "$">
    Order allow,deny
    Deny from all
    Satisfy All
</FilesMatch>

<IfModule php5_module>
    php_value session.cookie_httponly true
</IfModule>
```

