

```
Options +FollowSymlinks
```

```
RewriteEngine on
```

```
# Increase cookie security
```

```
<IfModule php5_module>
```

```
    php_value session.cookie_httponly true
```

```
</IfModule>
```

```
# 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
```

```
#####
```

```
# 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>
```

```
#####
```

```
# 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/
```

```
# http://ask11.com/Security/Default.aspx?tabid=204&tabid=204
```

```
# wiki.mozilla.org/Security/KeyWords/CrossOriginHTMLAttribute
```

```
<IfModule mod_setenvif.c>  
  <IfModule mod_headers.c>  
    # mod_headers, you no match by Content-Type?!  
    <FilesMatch "\.(gif|png|jpe?g|svg|ico|webp)$">  
      SetEnvIf Origin ":" IS_CORS  
      Header set Access-Control-Allow-Origin "*" env=IS_CORS  
    </FilesMatch>  
  </IfModule>  
</IfModule>
```

```
#####  
# 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-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
```

```
#####
# Gzip compression #
#####
```

```
<IfModule mod_deflate.c>
```

*# Force deflate for mangled headers developer.yahoo.com/blogs/ymh/posts/2010/12/pushing-b*

```
<IfModule mod_setenvif.c>
```

```
<IfModule mod_headers.c>
```

```
    SetEnvIfNoCase ^(\Accept-Encoding|X-cept-Encoding|X(15)|^(15)|-(15))$ ^((gzip|deflate)\s:
Encoding
```

```
    RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
```

```
</IfModule>
```

```
</IfModule>
```

*# HTML, TXT, CSS, JavaScript, JSON, XML, HTC:*

```
<IfVersion < 2.4.4>
```

```
<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>
</IfVersion>
<IfVersion >= 2.4.4>
  <IfModule filter_module>
    FilterDeclare COMPRESS
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'text/html'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'text/css'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'text/plain'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'text/xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'text/x-component'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/javascript'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/json'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/xhtml+xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/rss+xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/atom+xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/vnd.ms-fontobject'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'image/svg+xml'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'image/x-icon'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'application/x-font-ttf'"
    FilterProvider COMPRESS DEFLATE "%(Content_Type) = 'font/opentype'"
    FilterChain COMPRESS
    FilterProtocol COMPRESS DEFLATE change=yes;byteranges=no
  </IfModule>
</IfVersion>

<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
</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
```

```
#####
# 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 do
```

```
# e.g. /blog/hello : webmasterworld.com/apache/3808792.htm
```

```
Options -MultiViews
```

```
ExpiresActive On
```

```
ExpiresDefault "now"
```

```
ExpiresByType text/html "now"
```

```
ExpiresByType text/xml "now"
```

```
ExpiresByType text/plain "access plus 1 month"
```

```
ExpiresByType text/css "access plus 1 month"
```

```
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 application/x-shockwave-flash "access plus 1 month"
```

```
ExpiresByType image/x-icon "access plus 1 month"
```

```
ExpiresByType video/x-flv "access plus 1 month"
```

```
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"
```

```
# "-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 th
# 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>
    RewriteCond %{SCRIPT_FILENAME} -d
    RewriteCond %{SCRIPT_FILENAME} -f
    RewriteRule "(^/)\." - [F]
</IfModule>
```

```
#####
# SYSTEM DEFAULT RULES #
#####
```

```
# Make sure no harmful other files can be accessed.
```

```
RewriteCond %{REQUEST_FILENAME} !(.+)/robots.txt
RewriteRule ^(.*)\.(php|xml|dtd|xml|ttf|html|html|txt|exe|rar|zip|7zip|tar|gz)(.*)$ index.p
```

```
# Modulecontroller rewrite rules
```

```
RewriteRule ^([a-zA-Z-]+)/([a-zA-Z-]+)/([a-zA-Z-]+)/([1-9][0-9]*)/?$ index.php?mod=$1&con
<QUERY_STRING> [L]
RewriteRule ^([a-zA-Z-]+)/([a-zA-Z-]+)/([a-zA-Z-]+)/?$ index.php?mod=$1&controller=$2&act
RewriteRule ^([a-zA-Z-]+)/([a-zA-Z-]+)/([1-9][0-9]*)/?$ index.php?controller=$1&action=$2&
RewriteRule ^([a-zA-Z-]+)/([a-zA-Z-]+)/?$ index.php?controller=$1&action=$2&<QUERY_STRING>
RewriteRule ^([a-zA-Z-]+)/([1-9][0-9]*)/?$ index.php?controller=$1&id=$2&<QUERY_STRING> [L]
RewriteRule ^([a-zA-Z-]+)/?$ index.php?controller=$1&<QUERY_STRING> [L]
RewriteRule ^([1-9][0-9]*)/?$ index.php?id=$1&<QUERY_STRING> [L]
```

```
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME} !-f
RewriteRule ^(.*)$ /index.php
```

