

```

# #####
# # URL REWRITES #
# #####

# -----
# | Rewrite engine |
# -----

# Turning on the rewrite engine and enabling the `FollowSymLinks` option is
# necessary for the following directives to work.

# If your web host doesn't allow the `FollowSymLinks` option, you may need to
# comment it out and use `Options +SymLinksIfOwnerMatch` but, be aware of the
# performance impact: http://httpd.apache.org/docs/current/misc/perf-tuning.html#symlinks

# Also, some cloud hosting services require `RewriteBase` to be set:
# http://www.rackspace.com/knowledge\_center/frequently-asked-question/why-is-mod-rewrite-not-working-on-my-site

<IfModule mod_rewrite.c>
    Options +FollowSymLinks
    # Options +SymLinksIfOwnerMatch
    RewriteEngine On
    # RewriteBase /
</IfModule>

# -----
# | Suppressing / Forcing the "www." at the beginning of URLs |
# -----

# The same content should never be available under two different URLs especially
# not with and without "www." at the beginning. This can cause SEO problems
# (duplicate content), therefore, you should choose one of the alternatives and
# redirect the other one.

# -----

# Option 1: rewrite www.example.com → example.com

<IfModule mod_rewrite.c>
    RewriteCond %{HTTP_HOST} ^www

```



```
# # MIME TYPES AND ENCODING #
# #####

# -----
# | Proper MIME types for all files |
# -----

<IfModule mod_mime.c>

    # Audio
    AddType audio/mp4 m4a f4a f4b
    AddType audio/ogg oga ogg

    # JavaScript
    # Normalize to standard type (it's sniffed in IE anyways):
    # http://tools.ietf.org/html/rfc4329#section-7.2
    AddType application/javascript js jsonp
    AddType application/json json

    # Video
    AddType video/mp4 mp4 m4v f4v f4p
    AddType video/ogg ogv
    AddType video/webm webm
    AddType video/x-flv flv

    # Web fonts
    AddType application/font-woff woff
    AddType application/vnd.ms-fontobject eot

    # Browsers usually ignore the font MIME types and sniff the content,
    # however, Chrome shows a warning if other MIME types are used for the
    # following fonts:
    # AddType application/x-font-woff woff
    AddType application/x-font-ttf ttc ttf
    AddType font/opentype otf

    # Make SVGZ fonts work on iPad:
    # https://twitter.com/FontSquirrel/status/14855840545
    AddType image/svg+xml svg svgz
    AddEncoding gzip svgz
```

```
# Other
AddType application/octet-stream safariextz
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-shockwave-flash swf
AddType application/x-web-app-manifest+json webapp
AddType application/x-xpinstall xpi
AddType application/xml atom rdf rss xml
AddType image/webp webp
AddType image/x-icon ico
AddType text/cache-manifest appcache manifest
AddType text/vtt vtt
AddType text/x-component htc
AddType text/x-vcard vcf
```

```
</IfModule>
```

```
# -----
# | UTF-8 encoding |
# -----
```

```
# Use UTF-8 encoding for anything served as `text/html` or `text/plain`.
```

```
AddDefaultCharset utf-8
```

```
# Force UTF-8 for certain file formats.
```

```
<IfModule mod_mime.c>
```

```
    AddCharset utf-8 .atom .css .js .json .rss .vtt .webapp .xml
```

```
</IfModule>
```

```
# #####
# # WEB PERFORMANCE #
# #####
```

```
# -----
# | Compression |
# -----
```

```
# Force compression for mangled headers.
```

```
# http://developer.yahoo.com/blogs/ymdn/posts/2010/12/pushing-beyond-gzipping
```

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

```
    <IfModule mod_headers.c>
```

```

    SetEnvIfNoCase ^(\Accept-EncodXng|X-cept-Encoding|X(15)|^(15)|-(15))$
^((gzip|deflate)\s*,?\s*)+([X"]-){4,13}$ HAVE_Accept-Encoding
    RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE_Accept-Encoding
</IfModule>
</IfModule>

# -----
# | Expires headers (for better cache control) |
# -----

# The following expires headers are set pretty far in the future. If you don't
# control versioning with filename-based cache busting, consider lowering the
# cache time for resources like CSS and JS to something like 1 week.

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

    # CSS
    ExpiresByType text/css "access plus 1 year"

    # Data interchange
    ExpiresByType application/json "access plus 0 seconds"
    ExpiresByType application/xml "access plus 0 seconds"
    ExpiresByType text/xml "access plus 0 seconds"

    # Favicon (cannot be renamed!)
    ExpiresByType image/x-icon "access plus 1 month"

    # HTML components (HTCs)
    ExpiresByType text/x-component "access plus 1 year"

    # HTML
    # ExpiresByType text/html "access plus 5 minutes"
    # This is a personal blog, not transactional, so set this longer:
    ExpiresByType text/html "access plus 1 day"

    # JavaScript
    ExpiresByType application/javascript "access plus 1 year"

```

### *# Manifest files*

ExpiresByType application/x-web-app-manifest+json "access plus 0 seconds"

ExpiresByType text/cache-manifest "access plus 0 seconds"

### *# Media*

ExpiresByType audio/ogg "access plus 1 year"

ExpiresByType image/gif "access plus 1 year"

ExpiresByType image/jpeg "access plus 1 year"

ExpiresByType image/png "access plus 1 year"

ExpiresByType video/mp4 "access plus 1 year"

ExpiresByType video/ogg "access plus 1 year"

ExpiresByType video/webm "access plus 1 year"

### *# Web feeds*

ExpiresByType application/atom+xml "access plus 1 hour"

ExpiresByType application/rss+xml "access plus 1 hour"

### *# Web fonts*

ExpiresByType application/font-woff "access plus 1 year"

ExpiresByType application/x-font-woff "access plus 1 year"

ExpiresByType application/vnd.ms-fontobject "access plus 1 year"

ExpiresByType application/x-font-ttf "access plus 1 year"

ExpiresByType font/opentype "access plus 1 year"

ExpiresByType image/svg+xml "access plus 1 year"

</IfModule>

<FilesMatch ".(ico|pdf|flv|jpg|jpeg|png|gif|swf|mp3|mp4|woff|otf|ttf)\$">

<IfModule mod\_headers.c>

Header set Cache-Control "public"

# Header unset ETag

# FileETag None

# # Header unset Last-Modified

</IfModule>

</FilesMatch>

<IfModule mod\_gzip.c>

mod\_gzip\_on Yes

mod\_gzip\_can\_negotiate Yes

mod\_gzip\_static\_suffix .gz

AddEncoding	gzip	.gz
mod_gzip_update_static		No
mod_gzip_command_version		'/mod_gzip_status'
mod_gzip_keep_workfiles		No
mod_gzip_minimum_file_size		512
mod_gzip_maximum_file_size		1048576
mod_gzip_maximum_inmem_size		600000
mod_gzip_min_http		1000
mod_gzip_handle_methods		GET POST
mod_gzip_item_include	mime	^text/.*
mod_gzip_item_include	file	\.(s x h)tml\$
mod_gzip_item_include	file	\.css\$
mod_gzip_item_include	mime	^image/x-icon\$
mod_gzip_item_include	mime	^image/svg+xml\$
mod_gzip_item_include	mime	^application/xhtml+xml\$
mod_gzip_item_include	mime	^application/x-web-app-manifest+json\$
mod_gzip_item_include	mime	^font/.*
mod_gzip_item_include	mime	^application/font-woff\$
mod_gzip_item_include	mime	^application/x-font-woff\$
mod_gzip_item_include	mime	^application/font-ttf\$
mod_gzip_item_include	mime	^application/vnd.ms-fontobject\$
mod_gzip_item_include	mime	^application/x-font-ttf\$
mod_gzip_item_include	mime	^application/atom+xml\$
mod_gzip_item_include	mime	^application/rss+xml\$
mod_gzip_item_include	mime	^application/json\$
mod_gzip_item_include	mime	^application/javascript\$
mod_gzip_item_include	mime	^application/x-javascript\$
mod_gzip_item_include	file	\.js\$
mod_gzip_item_include	mime	^httpd/unix-directory\$
mod_gzip_item_include	mime	^application/x-httpd-php\$
mod_gzip_item_include	file	\.php\$
mod_gzip_item_include	handler	^cgi-script\$

```
mod_gzip_dechunk                Yes

# Don't waste time compressing images and other pre-compressed content
mod_gzip_item_exclude          mime          ^image/.$
mod_gzip_item_exclude          mime          ^image/
mod_gzip_item_exclude          rspheader     Content-Type: image/*
mod_gzip_item_exclude          file          \.(?:exe|t?gz|zip|gz2|sit|rar)$
mod_gzip_item_exclude          file          \.pdf$
```

```
</IfModule>
```

```
# #####
# # SITE SPECIFIC #
# #####
```

```
# -----
# | Custom Error Pages |
# -----
```

```
# ErrorDocument 403 /pages/403.html
ErrorDocument 404 /404.html
# ErrorDocument 410 /pages/410.html
```

```
# -----
# | Redirects |
# -----
```