

```
# #####  
# # MEDIA TYPES AND CHARACTER ENCODINGS #  
# #####
```

```
# -----  
# | Media types |  
# -----
```

```
# Serve resources with the proper media types (f. k. a. MIME types).  
#  
# https://www.iana.org/assignments/media-types/media-types.xhtml  
# https://httpd.apache.org/docs/current/mod/mod\_mime.html#addtype
```

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

```
# Data interchange
```

```
AddType application/atom+xml atom  
AddType application/json json map topjson  
AddType application/ld+json jsonld  
AddType application/rss+xml rss  
AddType application/vnd.geo+json geojson  
AddType application/xml rdf xml
```

```
# JavaScript
```

```
# Normalize to standard type.  
# https://tools.ietf.org/html/rfc4329#section-7.2
```

```
AddType application/javascript js
```

```
# Manifest files
```

```
AddType application/manifest+json webmanifest  
AddType application/x-web-app-manifest+json webapp  
AddType text/cache-manifest appcache
```

```
# Media files
```

```
AddType audio/mp4 f4a f4b m4a  
AddType audio/ogg oga oga+ogg ogg
```

```
AddType audio/ogg oga ogg opus
AddType image/bmp bmp
AddType image/svg+xml svg svgz
AddType image/webp webp
AddType video/mp4 f4v f4p m4v mp4
AddType video/ogg ogv
AddType video/webm webm
AddType video/x-flv flv
```

```
# Serving `.ico` image files with a different media type
# prevents Internet Explorer from displaying them as images:
# https://github.com/h5bp/html5-boilerplate/commit/37b5fec090d00f38de64b591bcddcb205aadf8ee
```

```
AddType image/x-icon cur ico
```

Web fonts

```
AddType application/font-woff woff
AddType application/font-woff2 woff2
AddType application/vnd.ms-fontobject eot
```

```
# Browsers usually ignore the font media types and simply sniff
# the bytes to figure out the font type.
# https://mimesniff.spec.whatwg.org/#matching-a-font-type-pattern
#
# However, Blink and WebKit based browsers will show a warning
# in the console if the following font types are served with any
# other media types.
```

```
AddType application/x-font-ttf ttc ttf
AddType font/opentype otf
```

Other

```
AddType application/octet-stream safariextz
AddType application/x-bb-appworld bbaw
AddType application/x-chrome-extension crx
AddType application/x-opera-extension oex
AddType application/x-xpinstall xpi
AddType text/vcard vcard vcf
```

```
AddType text/vnd.rim.location.xloc      xloc
AddType text/vtt                          vtt
AddType text/x-component                  htc
```

```
</IfModule>
```

```
# -----
# | Character encodings |
# -----
```

```
# Serve all resources labeled as `text/html` or `text/plain`
# with the media type `charset` parameter set to `UTF-8`.
#
# https://httpd.apache.org/docs/current/mod/core.html#adddefaultcharset
```

```
AddDefaultCharset utf-8
```

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

```
# Serve the following file types with the media type `charset`
# parameter set to `UTF-8`.
#
# https://httpd.apache.org/docs/current/mod/mod_mime.html#addcharset
```

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

```
AddCharset utf-8 .atom \
               .bbaw \
               .css \
               .geojson \
               .js \
               .json \
               .jsonld \
               .manifest \
               .rdf \
               .rss \
               .topojson \
               .vtt \
               .webapp \
               .webmanifest \
               .xloc \
               .xml
```

```

</IfModule>
# #####
# # WEB PERFORMANCE #
# #####

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

<IfModule mod_deflate.c>

# Force compression for mangled `Accept-Encoding` request headers
# https://developer.yahoo.com/blogs/ydn/pushing-beyond-gzipping-25601.html

<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>

# -----

# Compress all output labeled with one of the following media types,
#
# (!) For Apache versions below version 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,
#
# https://httpd.apache.org/docs/current/mod/mod\_filter.html#addoutputfilterbytype

<IfModule mod_filter.c>
  SetEnv HTTP_MOD_DEFLATE on
  AddOutputFilterByType DEFLATE "application/atom+xml" \
    "application/javascript" \
    "application/json" \
    "application/ld+json" \
    "application/manifest+json" \
    "application/rdf+xml" \

```

```
"application/rss+xml" \  
"application/schema+json" \  
"application/vnd.geo+json" \  
"application/vnd.ms-fontobject" \  
"application/x-font-ttf" \  
"application/x-javascript" \  
"application/x-web-app-manifest+json" \  
"application/xhtml+xml" \  
"application/xml" \  
"font/eot" \  
"font/opentype" \  
"image/bmp" \  
"image/svg+xml" \  
"image/vnd.microsoft.icon" \  
"image/x-icon" \  
"text/cache-manifest" \  
"text/css" \  
"text/html" \  
"text/javascript" \  
"text/plain" \  
"text/vcard" \  
"text/vnd.rim.location.xloc" \  
"text/vtt" \  
"text/x-component" \  
"text/x-cross-domain-policy" \  
"text/xml"
```

```
</IfModule>
```

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

```
# Map the following filename extensions to the specified  
# encoding type in order to make Apache serve the file types  
# with the appropriate `Content-Encoding` response header  
# (do note that this will NOT make Apache compress them!).  
#  
# If these files types would be served without an appropriate  
# `Content-Enable` response header, client applications (e.g.:  
# browsers) wouldn't know that they first need to uncompress  
# the response, and thus, wouldn't be able to understand the  
# content.
```

```
#
# https://httpd.apache.org/docs/current/mod/mod\_mime.html#addencoding

<IfModule mod_mime.c>
    AddEncoding gzip          svgz
</IfModule>

</IfModule>
# -----
# | ETags |
# -----

# Remove `ETags` as resources are sent with far-future expires headers.
#
# https://developer.yahoo.com/performance/rules.html#etags
# https://tools.ietf.org/html/rfc7232#section-2.3

# `FileETag None` doesn't work in all cases.
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>

FileETag None

# -----
# | Expires headers |
# -----

# Serve resources with far-future expires headers.
#
# (!) If you don't control versioning with filename-based
# cache busting, you should consider lowering the cache times
# to something like one week.
#
# https://httpd.apache.org/docs/current/mod/mod\_expires.html

<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault          "access plus 1 month"
```

CSS

ExpiresByType text/css "access plus 1 year"

Data interchange

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

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

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

ExpiresByType application/json "access plus 0 seconds"

ExpiresByType application/ld+json "access plus 0 seconds"

ExpiresByType application/schema+json "access plus 0 seconds"

ExpiresByType application/vnd.geo+json "access plus 0 seconds"

ExpiresByType application/xml "access plus 0 seconds"

ExpiresByType text/xml "access plus 0 seconds"

Favicon (cannot be renamed!) and cursor images

ExpiresByType image/vnd.microsoft.icon "access plus 1 week"

ExpiresByType image/x-icon "access plus 1 week"

HTML

ExpiresByType text/html "access plus 0 seconds"

JavaScript

ExpiresByType application/javascript "access plus 1 year"

ExpiresByType application/x-javascript "access plus 1 year"

ExpiresByType text/javascript "access plus 1 year"

Manifest files

ExpiresByType application/manifest+json "access plus 1 week"

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

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

Media files

ExpiresByType audio/ogg "access plus 1 month"

```
ExpiresByType image/bmp "access plus 1 month"
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
ExpiresByType image/webp "access plus 1 month"
ExpiresByType video/mp4 "access plus 1 month"
ExpiresByType video/ogg "access plus 1 month"
ExpiresByType video/webm "access plus 1 month"
```

Web fonts

Embedded OpenType (EOT)

```
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType font/eot "access plus 1 month"
```

OpenType

```
ExpiresByType font/opentype "access plus 1 month"
```

TrueType

```
ExpiresByType application/x-font-ttf "access plus 1 month"
```

Web Open Font Format (WOFF) 1.0

```
ExpiresByType application/font-woff "access plus 1 month"
ExpiresByType application/x-font-woff "access plus 1 month"
ExpiresByType font/woff "access plus 1 month"
```

Web Open Font Format (WOFF) 2.0

```
ExpiresByType application/font-woff2 "access plus 1 month"
```

Other

```
ExpiresByType text/x-cross-domain-policy "access plus 1 week"
```

```
</IfModule>
```

```
<IfModule mod_rewrite.c>
```

```
SetEnv HTTP_MOD_REWRITE on
```

```
RewriteEngine On
```

```
Options +FollowSymLinks
```

```
RewriteBase /
```



```
.....  
#  
RewriteRule ^bundle/(.*) /quickconcat.php?files=$1 [QSA,L]  
#  
RewriteCond %(REQUEST_FILENAME) !-f  
RewriteCond %(REQUEST_FILENAME) !-d  
RewriteRule . /index.php [QSA]  
# remove trailing /  
RewriteCond %(REQUEST_FILENAME) !-f  
RewriteCond %(REQUEST_FILENAME) !-d  
RewriteCond %(REQUEST_URI) (.+)/$\br/>RewriteRule ^ %1 [L,R=301]  
</IfModule>  
# END Olli Framework
```