

```

# -----
# | CORS-enabled images |
# -----
<IfModule mod_setenvif.c>
    <IfModule mod_headers.c>
        <FilesMatch "\.(bmp|curl|gif|ico|jpe?g|png|svgz?|webp)$">
            SetEnvIf Origin ":" IS_CORS
            Header set Access-Control-Allow-Origin "*" env=IS_CORS
        </FilesMatch>
    </IfModule>
</IfModule>

# -----
# | Web fonts access |
# -----
<IfModule mod_headers.c>
    <FilesMatch "\.(eot|otf|tt[cf]|woff2?)$">
        Header set Access-Control-Allow-Origin "*"
    </FilesMatch>
</IfModule>

# -----
# | 404 error prevention for non-existing redirected folders |
# -----
Options -MultiViews

# -----
# | Force IE to render pages in the highest available mode in the various |
# -----
<IfModule mod_headers.c>
    Header set X-UA-Compatible "IE=edge"
    <FilesMatch "\.(appcache|crx|css|eot|gif|htc|ico|jpe?g|js|m4a|m4v|manifest|mp4|oex|ogal|c
        Header unset X-UA-Compatible
    </FilesMatch>
</IfModule>

# -----
# | Proper MIME types for all files |
# -----
<IfModule mod_mime.c>

```

### *# Data interchange*

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

### *# JavaScript*

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

### *# Web fonts*

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

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

```
AddDefaultCharset utf-8
```

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

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

```
</IfModule>
```

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

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

```
    # Enable URL rewriting
```

```
    RewriteEngine On
```

```
    # Store the current location in an environment variable CWD to use
    # mod_rewrite in .htaccess files without knowing the RewriteBase
```

```
    RewriteCond %{REQUEST_URI} ([^#]*)#(.*?)\1$
```

```
    RewriteRule ^.*$ - [E=CWD:%2]
```

```
    # Rules to set ApplicationContext based on hostname
```

```
    #RewriteCond %{HTTP_HOST} ^dev\.example\.com$
```

```
    #RewriteRule .? - [E=TYPO3_CONTEXT:Development]
```

```
    #RewriteCond %{HTTP_HOST} ^staging\.example\.com$
```

```
    #RewriteRule .? - [E=TYPO3_CONTEXT:Production/Staging]
```

```
    #RewriteCond %{HTTP_HOST} ^www\.example\.com$
```

```
    #RewriteRule .? - [E=TYPO3_CONTEXT:Production]
```

```
    # Rule for versioned static files, configured through:
```

```
    # - $GLOBALS['TYPO3_CONF_VARS']['BE']['versionNumberInFilename']
```

```
    # - $GLOBALS['TYPO3_CONF_VARS']['FE']['versionNumberInFilename']
```

```

# IMPORTANT: This rule has to be the very first RewriteCond in order to work!
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteRule ^(.+)\.(.+)\.(php|js|css|png|jpg|gif|gzip)$ $1.$3 [L]

# Access block for folders
RewriteRule _(?:recycler|temp)_/ - [F]
RewriteRule fileadmin/templates/.+\. (?:txt|ts)$ - [F]
RewriteRule typo3temp/logs/ - [F]
RewriteRule ^(vendor|typo3_src) - [F]
RewriteRule (?:typo3conf/ext|typo3/sysex|typo3/ext)/[^\s]+/(?: Configuration| Resources| Pr

# Access block for files or folders starting with a dot
RewriteCond %{SCRIPT_FILENAME} -d [OR]
RewriteCond %{SCRIPT_FILENAME} -f
RewriteRule (?: ^ / ) \. - [F]

# Stop rewrite processing, if we are in the typo3/ directory or any other known director
# NOTE: Add your additional local storages here
RewriteRule (?: typo3 / | fileadmin / | typo3conf / | typo3temp / | uploads / | favicon \. ico ) - [L]

# If the file/symlink/directory does not exist => Redirect to index.php.
# For httpd.conf, you need to prefix each '%{REQUEST_FILENAME}' with '%{DOCUMENT_ROOT}'.
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteCond %{REQUEST_FILENAME} !-l
RewriteRule ^.*$ %{ENV:CWD}index.php [QSA,L]

```

```
</IfModule>
```

```

# -----
# | Block access to directories without a default document. |
# -----

```

```

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

```

```

# -----
# | Block access to hidden files and directories. |
# -----

```

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

```

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

# -----
# | Block access to backup and source files. |
# -----
<FilesMatch "(?:^\.|^#.#|^(?: ChangeLog| ToDo| Readme| License)(?: \.md| \.txt)?|^composer\.(?: json| lock)|^ext_conf_template\.txt|^ext_typoscript_constants\.txt|^ext_typoscript_setup\.|sw[op]|git.*|.*(?:\rc))$" >
    # 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>
        Require all denied
    </IfModule>
</FilesMatch>

# -----
# | Block access to vcs directories. |
# -----
<IfModule mod_alias.c>
    RedirectMatch 404 /\.(?: git| svn| hg)/
</IfModule>

# -----
# | Compression |
# -----
<IfModule mod_deflate.c>
    <IfModule mod_setenvif.c>
        <IfModule mod_headers.c>
            SetEnvIfNoCase ^(\Accept-Encoding| X-cept-Encoding| X(15)| ^(15)| -(15))$ ^((gzip| def
            RequestHeader append Accept-Encoding "gzip, deflate" env=HAVE_Accept-Encoding
        </IfModule>
    </IfModule>
</IfModule>

```

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

```
# -----
<IfModule mod_headers.c>
    Header unset ETag
</IfModule>
FileETag None

# -----
# | Expires headers (for better cache control) |
# -----
<IfModule mod_expires.c>

    ExpiresActive on
    ExpiresDefault "access plus 1 month"

    ExpiresByType text/css "access plus 1 year"

    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"

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

    ExpiresByType text/x-component "access plus 1 month"

    ExpiresByType text/html "access plus 0 seconds"

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

    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"

    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"
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/vnd.ms-fontobject	"access plus 1 month"
ExpiresByType	font/eot	"access plus 1 month"
ExpiresByType	font/opentype	"access plus 1 month"
ExpiresByType	application/x-font-ttf	"access plus 1 month"
ExpiresByType	application/font-woff	"access plus 1 month"
ExpiresByType	application/x-font-woff	"access plus 1 month"
ExpiresByType	font/woff	"access plus 1 month"
ExpiresByType	application/font-woff2	"access plus 1 month"
ExpiresByType	text/x-cross-domain-policy	"access plus 1 week"

</IfModule>