

```
# Use the front controller as index file. It serves as a fallback solution when
# every other rewrite/redirect fails (e.g. in an aliased environment without
# mod_rewrite). Additionally, this reduces the matching process for the
# start page (path "/") because otherwise Apache will apply the rewriting rules
# to each configured DirectoryIndex file (e.g. index.php, index.html, index.pl).
DirectoryIndex app.php
```

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

```
    RewriteEngine On
```

```
    # Determine the RewriteBase automatically and set it as environment variable.
    # If you are using Apache aliases to do mass virtual hosting or installed the
    # project in a subdirectory, the base path will be prepended to allow proper
    # resolution of the app.php file and to redirect to the correct URI. It will
    # work in environments without path prefix as well, providing a safe, one-size
    # fits all solution. But as you do not need it in this case, you can comment
    # the following 2 lines to eliminate the overhead.
```

```
    RewriteCond %{REQUEST_URI}::$1 ^(/.+)/(.*):;\2$
```

```
    RewriteRule ^(.*) - [E=BASE:%1]
```

```
    # Redirect to URI without front controller to prevent duplicate content
    # (with and without `/app.php`). Only do this redirect on the initial
    # rewrite by Apache and not on subsequent cycles. Otherwise we would get an
    # endless redirect loop (request -> rewrite to front controller ->
    # redirect -> request -> ...).
```

```
    # So in case you get a "too many redirects" error or you always get redirected
    # to the start page because your Apache does not expose the REDIRECT_STATUS
    # environment variable, you have 2 choices:
```

```
    # - disable this feature by commenting the following 2 lines or
```

```
    # - use Apache >= 2.3.9 and replace all L flags by END flags and remove the
    #   following RewriteCond (best solution)
```

```
    RewriteCond %{ENV:REDIRECT_STATUS} ^$
```

```
    RewriteRule ^app\.php(/(.*)|)$ %{ENV:BASE}/$2 [R=301,L]
```

```
    # If the requested filename exists, simply serve it.
```

```
    # We only want to let Apache serve files and not directories.
```

```
    RewriteCond %{REQUEST_FILENAME} -f
```

```
    RewriteRule .? - [L]
```

```
    # Rewrite all other queries to the front controller.
```

```
    RewriteRule !- [E=ENV:BASE:/app.php] [L]
```

```

RewriteRule .? %ENV% %{ENV}/app.php [L]
</IfModule>

<IfModule !mod_rewrite.c>
  <IfModule mod_alias.c>
    # When mod_rewrite is not available, we instruct a temporary redirect of
    # the start page to the front controller explicitly so that the website
    # and the generated links can still be used.
    RedirectMatch 302 ^/$ /app.php/
    # RedirectTemp cannot be used instead
  </IfModule>
</IfModule>

# #####
# # WEB PERFORMANCE #
# #####

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

<IfModule mod_deflate.c>

  # 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-Encoding|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 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/manifest+json \
      application/vnd.ms-fontobject \
      application/x-font-otf \
      application/x-font-truetype \
      application/x-font-ttf \
      application/xhtml+xml \
      application/xml \
      image/svg+xml \
      image/x-icon \
      text/css \
      text/html \
      text/javascript \
      text/plain \
      text/xml \
      text/xml-external-parsed-entity \
      text/xml-script \
      text/xml-scriptlet \
      text/xsl \
      text/xml-dtd \
      text/xml-external-parsed-entity
  </IfModule>

```

```
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>
```

```
</IfModule>
```

```
# -----
# | Content transformations |
# -----
```

```
# Prevent some of the mobile network providers from modifying the content of
# your site: http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html#sec14.9.5.
```

```
# <IfModule mod_headers.c>
#   Header set Cache-Control "no-transform"
# </IfModule>
```

```
# -----
# | ETag removal |
# -----
```

```
# Since we're sending far-future expires headers (see below), ETags can
# be removed: http://developer.yahoo.com/performance/rules.html#etags.
```

```
# `FileETag None` is not enough for every server.
```

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

```
    Header unset ETag
```

```
</IfModule>
```

FileETag None

```
# -----  
# | 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!) and cursor images  
    ExpiresByType image/x-icon "access plus 1 week"  
  
    # HTML components (HTCs)  
    ExpiresByType text/x-component "access plus 1 month"  
  
    # HTML  
    ExpiresByType text/html "access plus 0 seconds"  
  
    # 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 month"
```

```
ExpiresByType image/gif "access plus 1 month"
ExpiresByType image/jpeg "access plus 1 month"
ExpiresByType image/png "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 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 month"
ExpiresByType application/vnd.ms-fontobject "access plus 1 month"
ExpiresByType application/x-font-ttf "access plus 1 month"
ExpiresByType font/opentype "access plus 1 month"
ExpiresByType image/svg+xml "access plus 1 month"
```

</IfModule>

```
# -----
# | Filename-based cache busting |
# -----
```

*# If you're not using a build process to manage your filename version revving,
you might want to consider enabling the following directives to route all
requests such as `/css/style.12345.css` to `/css/style.css`.*

To understand why this is important and a better idea than `.css?v231`, read:
<http://stevesouders.com/blog/2008/08/23/revving-filenames-dont-use-querystring>*

```
# <IfModule mod_rewrite.c>
#   RewriteCond %{REQUEST_FILENAME} !-f
#   RewriteRule ^(.+?)\.(\d+)\. (js|css|png|jpe?g|gif)$ $1.$3 [L]
# </IfModule>
```

```
# -----
# | File concatenation |
# -----
```

Allow concatenation from within specific CSS and JS files, e.g.:

```
# Inside of `script.combined.js` you could have
# <!--#include file="libs/jquery.js" -->
# <!--#include file="plugins/jquery.idletimer.js" -->
# and they would be included into this single file.

# <IfModule mod_include.c>
#   <FilesMatch "\.combined\.js$">
#     Options +Includes
#     AddOutputFilterByType INCLUDES application/javascript application/json
#     SetOutputFilter INCLUDES
#   </FilesMatch>
#   <FilesMatch "\.combined\.css$">
#     Options +Includes
#     AddOutputFilterByType INCLUDES text/css
#     SetOutputFilter INCLUDES
#   </FilesMatch>
# </IfModule>

# -----
# | Persistent connections |
# -----

# Allow multiple requests to be sent over the same TCP connection:
# http://httpd.apache.org/docs/current/en/mod/core.html#keepalive.

# Enable if you serve a lot of static content but, be aware of the
# possible disadvantages!

# <IfModule mod_headers.c>
#   Header set Connection Keep-Alive
# </IfModule>
```