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#add handler that allows html to work dynamically as PHP
#https://httpd.apache.org/docs/current/mod/mod_mime.html#addtype
#https://httpd.apache.org/docs/current/mod/mod_mime.html#addhandler
#AddType application/x-httpd-php .html .xml .json
AddHandler php5-script .html

#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

#compress html, css, javascript, font, and miscellaneous resources
#https://httpd.apache.org/docs/current/mod/mod_deflate.html
<IfModule mod_deflate.c>
AddOutputFilterByType DEFLATE "text/css" "text/html" "text/javascript" "text/plain"
"text/xml" "application/x-javascript" "application/javascript" "application/json"
"application/ld+json" "application/rdf+xml" "application/rss+xml" "application/x-font-
woff" "application/x-font-ttf" "application/vnd.ms-fontobject" "font/eot" "font/opentype"
"font/otf" "font/ttf" "font/x-woff" "image/bmp" "image/jpeg" "image/svg+xml"
"image/vnd.microsoft.icon" "image/x-icon"
</IfModule>

#rewrite rules for URLs and directory patterns
#https://httpd.apache.org/docs/current/mod/mod_rewrite.html#RewriteEngine
#https://httpd.apache.org/docs/current/mod/core.html#options
#https://httpd.apache.org/docs/current/mod/mod_rewrite.html#rewritebase
#https://httpd.apache.org/docs/current/mod/mod_rewrite.html#rewriteoptions
<IfModule mod_rewrite.c>
  #Options +FollowSymLinks
  #Options +SymLinksIfOwnerMatch
  RewriteEngine On

  #check for 200 header, legitimate url
  RewriteCond %{ENV:REDIRECT_STATUS} 200
  RewriteRule .* - [L]

  #remove need to have .html extension in filename
  RewriteCond %{REQUEST_FILENAME}.html -f
  RewriteRule ^(\. *)$ $1.html [NC,L,QSA]
</IfModule>
```