```
######################################################################
# Option 1) Use apache mod_deflate to compress files on-the-fly
#
#  Pros:
#    - Server will negotiate whether compression is used, hence
#      full browser compatibility
#  Cons:
#    - Puts a CPU load on the webserver
######################################################################

# compress text, html, javascript, css, xml:
AddOutputFilterByType DEFLATE text/plain
AddOutputFilterByType DEFLATE text/html
AddOutputFilterByType DEFLATE text/xml
AddOutputFilterByType DEFLATE text/css
AddOutputFilterByType DEFLATE application/xml
AddOutputFilterByType DEFLATE application/xhtml+xml
AddOutputFilterByType DEFLATE application/rss+xml
AddOutputFilterByType DEFLATE application/javascript
AddOutputFilterByType DEFLATE application/x-javascript
AddOutputFilterByType DEFLATE application/json

# compress disk images
<FilesMatch "\.(image|img|pimg|qed|pfdc|stl|dsk|prg|psi|adf|cas)$">
SetOutputFilter DEFLATE
</FilesMatch>

######################################################################
# Option 2) Use pre-compressed gzip files
#
#  Pros:
#    - No CPU overhead on the server
#  Cons:
#    - If compatibility with browsers that do not support compression
#      is desired, then the uncompressed files must also be provided
#      alongside the compressed files
#
#  Reference:
#    - http://blog.codegrill.org/2009/07/how-to-pre-compress-static-files-in.html
######################################################################
```

```
AddEncoding x-gzip .gz

# Netscape 4.x has some problems...  only compress html files
BrowserMatch ^Mozilla/4 gzip-only-text/html

# Netscape 4.06-4.08 has problems...  don't compress anything
BrowserMatch ^Mozilla/4\.0[678] no-gzip

# MSIE masquerades as Netscape
BrowserMatch \bMSI[E] !no-gzip !gzip-only-text/html

RewriteEngine on

# If the browser accepts gzip and the requested file exists with
# a .gz appended, then rewrite the request to the .gz file
RewriteCond %{HTTP:Accept-Encoding} gzip
RewriteCond %{REQUEST_FILENAME}.gz -f
RewriteRule (.*\.(css|js|mem|image|img|pimg|qed|pfdc|stl|dsk|raw|prg|psi|adf|cas))$ $1\.gz
[L]

#Set content type to JavaScript and the encoding to gzip
<FilesMatch ".*\.js\.gz$">
        ForceType application/x-javascript
        Header set Content-Encoding gzip
</FilesMatch>

#Set content type to CSS and the encoding to gzip
<FilesMatch ".*\.css\.gz$">
        ForceType text/css
        Header set Content-Encoding gzip
</FilesMatch>

# Tell caching proxy servers to cache the file based on both
# browser type and encoding
Header append Vary User-Agent
Header append Vary Accept-Encoding

# Do this to set proper ETags for server clusters
FileETag MTime Size

.....................................................................
```

```
######################################################################
# Enable server side includes (used for Google Analytics)
######################################################################
AddHandler server-parsed .html

######################################################################
# Required for correct handling of JSON files
######################################################################
AddType application/json .json

######################################################################
# Add .html extensions to files if no extension is present
# and the file does not exist on the server (this is to ease
# migration from the old style site which did not use extensions)
######################################################################
RewriteEngine On
RewriteCond %{REQUEST_URI} !\.[a-zA-Z0-9]{2,4}$
RewriteCond %{REQUEST_FILENAME} !-f
RewriteCond %{REQUEST_FILENAME} !-d
RewriteBase "/"
RewriteRule ^(.*)$ $1.html [L,R=301]
```