Customizing htaccess

Notes on htaccess file (apache web server configuration file)

General

- use # for comments (beginning of line only)

rewrite mod

RewriteRule pattern substitution [flags]

- pattern: regex match against url
- substitution: full url (can be another domain?)
    - a dash (-) means ignored (do nothing)
- flags: case insensitive, comma-separated, may have args
    - L|last: stop evaluate other rules (if matched)
    - C|chain: chained (subsequent rules) skipped if first not matched
    - E|env: {set (E=VAR:VAL) or unset (E=!VAR) } environment variable
    - F|forbidden: returns 403 (L implied)
    - N|next: restart ruleset from top (caution: can cause infinite loop!)
    - NC|nocase: case-insensitive rule matching
    - QSA|qsappend: if subs contains query (?), append original (default:discard)

RewriteCond teststring pattern [flags]

- if present, must match for the following rule to be aplied
    - teststring: server/env variables, HTTP_HOST, REQUEST_URI, etc.
    - pattern: condition, usually a regex; can use a file attribute test
    - flags: optional, special actions