Apache Traffic Server
Lua Scriplets

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Example (current)

```
map http://cdn.example.com \
   http://cdn.example.com \
   @plugin=regex_remap.so @pparam=strip_query.config \
   @plugin=header_rewrite.so @pparam=cdn_hdrs.config \
   @plugin=conf_remap.so @pparam=proxy.config.url_remap.pristine_host_hdr=0 \
   @action=deny @method=POST @method=PUT @method=DELETE
```

```
# strip_query.config:
.   http://$t/$P
```

Example (current)

```
cond %{REMAP_PSEUDO_HOOK}
    set-header @Service "cdn"

cond %{READ_RESPONSE_HDR_HOOK}
cond %{STATUS} >199 [AND]
cond %{STATUS} <299
    rm-header Pragma
    rm-header Expires
    set-header Cache-Control "max-age=2592000, public"
```

New remap.config

map http://cdn.example.com http://cdn.example.com @lua=cdn.lua

```lua
local TS = require 'ts'
DENY_METHODS = { 'POST', 'PUT', 'DELETE' }

function remap(request)
      TS.set_config('proxy.config.url_remap.pristine_host_hdr', 0)
      request.headers['@Service'] = 'cdn'

      url = request:url()
      url.query = ''

      if DENY_METHODS[request.method()] ~= nil # can do more here!
            return false
      else
            return true
end

function read_response_header(request, response)
      url = request:url()

      if response.status() < 199 and response.status() > 299 then
            response.headers['Pragma'] = nil
            response.headers['Expires'] = nil
            response.headers['Cache-Control'] = 'max-age=2592000, public'
      end
end
```

Many callbacks

```
local TS = require 'ts'



.
.
.


function parent_selection(request)
        url = request:url()
        if url... then
                return 'cdn-parent1.example.com'
       else
                return cdn-parent2.example.com'
       end
end
```