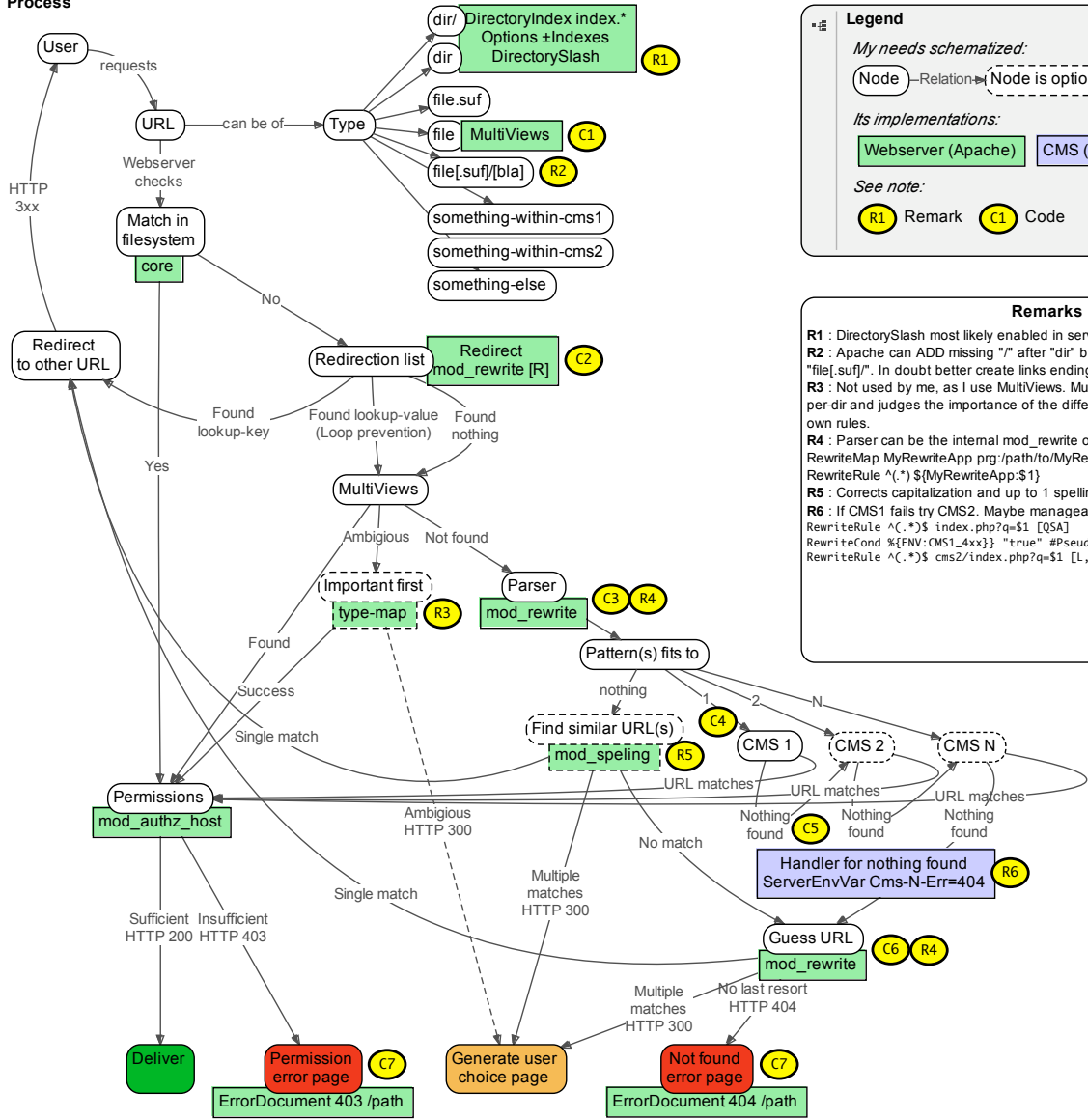


**Process**



**Legend**

*My needs schematized:*

Node —Relation— Node is optional

*Its implementations:*

Webserver (Apache) CMS (Drupal)

*See note:*

R1 Remark C1 Code

**Remarks**

R1 : DirectorySlash most likely enabled in server context.  
 R2 : Apache can ADD missing "/" after "dir" but not REMOVE false "/" from "file|.suf|/". In doubt better create links ending without slash!  
 R3 : Not used by me, as I use MultiViews. MultiViews fakes up a type-map per-dir and judges the importance of the different matched file types by its own rules.  
 R4 : Parser can be the internal mod\_rewrite or external program.  
 RewriteMap MyRewriteApp prg:/path/to/MyRewrite.app  
 RewriteRule ^(.\*) \$(MyRewriteApp:\$1)  
 R5 : Corrects capitalization and up to 1 spelling mistake.  
 R6 : If CMS1 fails try CMS2. Maybe manageable within Apache?  
 RewriteRule ^(.\*)\$ index.php?q=\$1 [QSA]  
 RewriteCond %{ENV:CMS1\_4xx} "true" #Pseudo-code  
 RewriteRule ^(.\*)\$ cms2/index.php?q=\$1 [L,QSA]

**Configuration**

```

<VirtualHost *>
## Basic Virtual Host configuration
ServerName mysite.com
ServerAlias mysite.com *.mysite.com
DocumentRoot /htdocs/mysite.com

C3 RewriteEngine on
C2a ## Redirection List (via RedirectMatch)
RedirectMatch 301 "^(/en)?/old1(\.html)?$" "/en/neu1"
RedirectMatch 301 "^(/en)?/old-zwei(\.html)?$" "/en/neu-zwei"
C2b ## Redirection List (via RewriteRule)
# RewriteRule ^(/en)?/old1(\.html)?$" "/en/neu1" [L,R=301]
# RewriteRule ^(/en)?/old-zwei(\.html)?$" "/en/neu-zwei" [L,R=301]

C6 ## If URI has no language prefix, add one, see if it works, and if, then redirect there.
### First try with prefix: en (English)
RewriteCond %{DOCUMENT_ROOT}%{REQUEST_FILENAME} !-d
RewriteCond %{DOCUMENT_ROOT}%{REQUEST_FILENAME} !-f
RewriteCond %{DOCUMENT_ROOT}/en$2 -d [OR]
RewriteCond %{DOCUMENT_ROOT}/en$2 -f
RewriteRule "^(?!(en|de)/)(.+)" en$2 [L,R]
### Then try with prefix: de (German) ### And so on...

<Directory /htdocs/mysite.com>
Options -Indexes +SymLinksIfOwnerMatch ## Strangely Drupal fails w/o SymLinks.
AllowOverride None ## No .htaccess! Speed+security improvement.
C4 RewriteCond %{REQUEST_FILENAME} !-f ## URI does not match a file
RewriteCond %{REQUEST_FILENAME} !-d [OR] ## URI does not match a directory
RewriteCond %{REQUEST_URI} ^(/en|de)/$ ## Or points to CMS reserved URI
RewriteRule ^(.*)$ index.php?q=$1 [L,QSA] ## "Catch-all" X to index.php?q=X
</Directory>
<DirectoryMatch /htdocs/mysite.com/(de|en)>
Options Indexes MultiViews SymLinksIfOwnerMatch
</DirectoryMatch>
<Directory /htdocs/mysite.com/log>
Order Allow,Deny
</Directory>

C7 ## Error handling
# ErrorDocument 404 /index.php ## Drupal handles errors. Possible situations:
# 1) Apache has no problems and normally hands over the catch-all-url to Drupal.
# a) Drupal has a match for that URL and serves it. Fine!
# 2) Apache produces a 404 and hands over to ErrorDocument /index.php (Drupal)
# a) Drupal has to detect that it is a 404 request, indicate this on the page rendering!
# b) Help Drupal by i.e: ErrorDocument 404 /index.php?status=404
# ErrorDocument 404 /error.html ## Static error document.
# ErrorDocument 404 http://www.mysite.com/error.html ## Ext redirect to static ErrDoc!
# ErrorDocument 404 http://www.mysite.com/ ## Ext redirect to homepage (served as 302)!
# If ErrorDocument not specified, Apache uses default error handler.
</VirtualHost>
    
```