

Redmine - Defect #4538

.htaccess redirect rules not working when multiple CGI/FastCGI modules enabled

2010-01-08 11:37 - Wim Heirman

Status:	Closed	Start date:	2010-01-08
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Permissions and roles	Estimated time:	0.00 hour
Target version:		Affected version:	
Resolution:	Wont fix		

Description

I just noticed something strange, using the default .htaccess file, when both mod\_cgi and mod\_fcgid were enabled. These are the default rewrite rules:

```
RewriteRule ^$ index.html [QSA]
RewriteRule ^([^.]+)$ $1.html [QSA]
RewriteCond %{REQUEST_FILENAME} !-f
<IfModule mod_fastcgi.c>
    RewriteRule ^(.*)$ dispatch.fcgi [QSA,L]
</IfModule>
<IfModule mod_fcgid.c>
    RewriteRule ^(.*)$ dispatch.fcgi [QSA,L]
</IfModule>
<IfModule mod_cgi.c>
    RewriteRule ^(.*)$ dispatch.cgi [QSA,L]
</IfModule>
```

With both mod\_cgi and mod\_fcgid, this translates to:

```
RewriteRule ^$ index.html [QSA]
RewriteRule ^([^.]+)$ $1.html [QSA]
RewriteCond %{REQUEST_FILENAME} !-f
RewriteRule ^(.*)$ dispatch.fcgi [QSA,L]
RewriteRule ^(.*)$ dispatch.cgi [QSA,L]
```

This means: non-static files are served through dispatch.fcgi (as expected), but when the RewriteCond doesn't match (i.e. it's a request for an existing static file) the request is sent through to the 2nd RewriteRule -- which ends you up with lots of CGI processes all not able to serve your images/CSS.

A better solution would be to use something like this, to make sure that only one RewriteRule can be active:

```
<IfModule mod_fastcgi.c>
    RewriteRule ^(.*)$ dispatch.fcgi [QSA,L]
</IfModule>
<IfModule !mod_fastcgi.c>
    <IfModule mod_fcgid.c>
        RewriteRule ^(.*)$ dispatch.fcgi [QSA,L]
    </IfModule>
    <IfModule !mod_fcgid.c>
        <IfModule mod_cgi.c>
            RewriteRule ^(.*)$ dispatch.cgi [QSA,L]
        </IfModule>
    </IfModule>
</IfModule>
```

History

#1 - 2011-09-17 13:06 - Etienne Massip

- Category set to Permissions and roles

#2 - 2024-01-28 02:06 - Go MAEDA

- *Status changed from New to Closed*
- *Resolution set to Wont fix*

I am closing this issue because FastCGI support will be removed in the upcoming Redmine 6.0.0 ([#40092](#)).