

RewriteLogLevel

RewriteLogLevel

This directive sets the verbosity of the logging that will occur for rewrite directives. Valid values range from 0 - 9, with 0 being no logging at all, and 9 logging all possible information. Currently only values 1 - 4 are used within mod_rewrite. Log levels 4 - 9 will return the same results.

When looking at a line from the log, for example:

```
127.0.0.1 - - [19/Nov/2009:14:41:25 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) pass
through /paul_reinheimer.png
```

the number shown in round brackets (1) indicates the level of the message. You will not be shown messages with a higher log level than what you have set in the [RewriteLogLevel](#) directive. Logs will be stored in file specified by the [RewriteLog](#) directive.

Two requests will be used to demonstrate the difference between the different log levels.

1. A request for the existing resource paul_reinheimer.png
2. A request for the non-existent resource rich_bowen.png

This rule from the [examples](#) was used:

```
RewriteEngine On
RewriteCond %{DOCUMENT_ROOT}%{REQUEST_URI} !-d
RewriteCond %{DOCUMENT_ROOT}%{REQUEST_URI} !-f
RewriteRule . /index.php
```

Log Level 4 (or higher)

Existing:

```
127.0.0.1 - - [19/Nov/2009:14:41:25 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) pass
through /paul_reinheimer.png
```

Non-Existent:

```
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) init
rewrite engine with requested uri /rich_bowen.png
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (3) applying
pattern '.' to uri '/rich_bowen.png'
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (4)
RewriteCond: input='/var/www/vhost.example.com/rich_bowen.png' pattern='!-d' => matched
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (4)
RewriteCond: input='/var/www/vhost.example.com/rich_bowen.png' pattern='!-f' => matched
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) rewrite
/rich_bowen.png -> /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) local path
result: /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) prefixed
with document_root to /var/www/vhost.example.com/index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (1) go-ahead
with /var/www/vhost.example.com/index.php [OK]
```

Note: A separate request is also made for favicon.ico by most browsers:

```
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (3) applying
pattern '.' to uri '/favicon.ico'
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (4)
RewriteCond: input='/var/www/vhost.example.com/favicon.ico' pattern='!-d' => matched
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (4)
RewriteCond: input='/var/www/vhost.example.com/favicon.ico' pattern='!-f' => matched
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (2) rewrite
/favicon.ico -> /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (2) local path
result: /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (2) prefixed
with document_root to /var/www/vhost.example.com/index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) go-ahead
with /var/www/vhost.example.com/index.php [OK]
```

Log Level 3

Existing:

```
127.0.0.1 - - [19/Nov/2009:14:41:25 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) pass
through /paul_reinheimer.png
```

Non-Existant:

```
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) init
rewrite engine with requested uri /rich_bowen.png
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (3) applying
pattern '.' to uri '/rich_bowen.png'
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) rewrite
/rich_bowen.png -> /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) local path
result: /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) prefixed
with document_root to /var/www/vhost.example.com/index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (1) go-ahead
with /var/www/vhost.example.com/index.php [OK]
```

Log Level 2

Existing:

```
127.0.0.1 - - [19/Nov/2009:14:41:25 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) pass
through /paul_reinheimer.png
```

Non-Existant:

```
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) init
rewrite engine with requested uri /rich_bowen.png
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) rewrite
/rich_bowen.png -> /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) local path
result: /index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (2) prefixed
with document_root to /var/www/vhost.example.com/index.php
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (1) go-ahead
with /var/www/vhost.example.com/index.php [OK]
```

Log Level 1

Existing:

```
127.0.0.1 - - [19/Nov/2009:14:41:25 --0500] [vhost.example.com/sid#8475130][rid#8681480/initial] (1) pass  
through /paul_reinheimer.png
```

Non-Existant:

```
127.0.0.1 - - [19/Nov/2009:14:42:55 --0500] [vhost.example.com/sid#8475130][rid#867d470/initial] (1) go-ahead  
with /var/www/vhost.example.com/index.php [OK]
```

Log Level 0

Existing:

```
}}}  
=== Non-Existant ===  
{{{
```

Both entries were intentionally, and correctly, left blank