



Regular Expressions Syntax	Example: New domain	
^	Start of string	#domain.com to domain2.com
\$	End of string	RewriteCond %{HTTP_HOST} ^www\.domain\.com\$ [NC]
.	Any single character	RewriteRule ^(.*)\$ http://www.domain2.com/\$1 [R=301,L]
(a b)	a or b	
(...)	Group section	
[abc]	Item in range (a, b or c)	
[^abc]	Not in range (not a, b or c)	
\s	White space	
a?	Zero or one of a	
a*	Zero or more of a	
a*?	Zero or more of a, ungreedy	
a+	One or more of a	
a+?	One or more of a, ungreedy	
a{3}	Exactly 3 of a	
a{3,}	3 or more of a	
a{3,6}	3 to 6 of a	
a{3,6}?	3 to 6 of a, ungreedy	
!(pattern)	"Not" prefix. Apply rule if pattern does not match.	
		Example: Page moved temporarily
		# domain.com/page.htm to domain.com/new_page.htm
		RewriteRule ^page.htm\$ new_page.htm [R,NC,L]
		Example: Nice looking URLs (no querystring)
		# domain.com/category-name/ to domain.com/categories.php?name=category-name
		RewriteRule ^([A-Za-z0-9-]+)/?\$ categories.php?name=\$1 [L]
		Example: Block Referrer Spam (where referring URL contains "viagra" or "xxx")
		RewriteCond %{HTTP_REFERER} (viagra) [NC,OR]
		RewriteCond %{HTTP_REFERER} (xxx) [NC]
		RewriteRule .* - [F]
RewriteRule Flags	Server Variables: HTTP Headers	Server Variables: Time
R[=code]	%{HTTP_USER_AGENT}	%{TIME_YEAR}
	%{HTTP_REFERER}	%{TIME_MON}
F	%{HTTP_COOKIE}	%{TIME_DAY}
	%{HTTP_FORWARDED}	%{TIME_HOUR}
G	%{HTTP_HOST}	%{TIME_MIN}
P	%{HTTP_PROXY_CONNECTION}	%{TIME_SEC}
L	%{HTTP_ACCEPT}	%{TIME_WDAY}
N		%{TIME}
C	Server Variables: Request	Server Variables: Special
T=mime-type	%{REMOTE_ADDR}	%{API_VERSION}
NS	%{REMOTE_HOST}	%{THE_REQUEST}
NC	%{REMOTE_USER}	%{REQUEST_URI}
QSA	%{REMOTE_IDENT}	%{REQUEST_FILENAME}
NE	%{REQUEST_METHOD}	%{IS_SUBREQ}
PT	%{SCRIPT_FILENAME}	
S=x	%{PATH_INFO}	
E=var:value	%{QUERY_STRING}	Directives
	%{AUTH_TYPE}	RewriteEngine
		RewriteOptions
RewriteCond Flags	Server Variables: HTTP Headers	RewriteLog
NC	%{DOCUMENT_ROOT}	RewriteLogLevel
OR	%{SERVER_ADMIN}	RewriteLock
	%{SERVER_NAME}	RewriteMap
	%{SERVER_ADDR}	RewriteBase
	%{SERVER_PORT}	RewriteCond
	%{SERVER_PROTOCOL}	RewriteRule
	%{SERVER_SOFTWARE}	
Redirection Header Codes		
301	Moved permanently	
302	Moved temporarily	
403	Forbidden	
404	Not Found	
410	Gone	

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