

# REGEX (Not allowing file extensions) or the dot

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## REGULAR EXPRESSION

PROGRAM: Quake2

CODE: C+

## REGULAR EXPRESSION REQUEST EXPLANATION

I am running a quake2 server with a program that has the capabilities to disable (client-side) commands or any part of a string pass on to the server. So, anyone who connects to my game server and tries to issue a command that is on the "command BAN list" will not work. The good news is, is that the programmer intelligently included the ability to match regular expression matching. Now what I want to do is simple. I want to prevent someone typing any type of file extension. On the latter part of the filename after the '.' and including the '.' dot. I am allowing people to change maps via LRCON from the program dll Q2admin. I have a banlist.txt file were I can place any regular expression match, and if client tries to send the command to my gaming server and is checked inside this banlist.txt file, any matches in this banlist.txt file command will be ignored.

This is great because there is one fucked up flaw in the mod I'm running. It could also be Quake2's code's fault.

When someone has regular rcon, or lrcon, and from WAN or LAN side, if they include the \*.bsp extension on to the command it crashes the server. Also, if they type a name of a map that DOES NOT EXIST in the /maps directory, EX., abcd.bsp, and anyone tries to change to this map it crashes the server.

All I want to do is prevent, BAN the adding of the extension "\*.bsp", Or better yet, is to totally make the server ignore ANY FILE EXTENSION ".\*" including the '.' as well. I only want them to be allowed to type in the filename.

They can type

mapname

all they want, but I do not want to allow

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mapname.bsp or  
mapname.123 or  
mapname.\* or  
mapname.

IMPORTANT: here is the entire command the clients have to type in order to send a command to the server to change a map:

```
Iron map map q2dm1
```

EXPLANATION: The 'Iron' part is allowed. the first 'map', is allowed, the second 'map', is allowed, the mapname 'q2dm1' is allowed. But what is not allowed is for someone to add a dot '.' after the mapname q2dm1 like so "q2dm1." nor what is not allowed is to add any type of extension what so ever like so "q2dm1.bsp" or "q2dm1.123" or "q2dm1.1Abcde" etc..

What regular expression do need to put into the BANLIST.TXT file to make the server ignore commands sent to my server with a file extension attached to the mapname?

Here are the only REGEX examples in the banlist.txt the author gave me, or better yet here is the complete BANLIST or Q2adminDisable.txt file, same thing.