

**The Goal of this script is to query a whois server with proxies to see if a domain is available to register.**

**Process:**

1. Grab line (domain) from a text file called whoischeck.txt
2. Connect to a random proxy from a text file
3. Query the WHOIS Server for the domain
4. Search for string ("free") to see if the domain is available OR registered
  1. if the domain is free to register put it into text file called: freedomains.txt
  2. if the domain is registered put it into text file called: registereddomains.txt
5. loop through the whole

**Speed:** I need to check around 100,000-300,000 domains. The script must allow multiple threads/connections to speed up the process. I don't want to overwhelm the WHOIS-Servers but the script should be able to check 100-200 domains per minute.

**Notes & Troubleshooting**

**Proxy Ports:**

It should work for SOCKS and HTTP proxies (should also work with private proxies in this format IP:PORT:USER:PASS)

*(there are lots of scripts on Stackexchange etc. that are ready for this, you just need to adjust them a little bit)*

**Troubleshooting for Proxies:**

I will use lots of public proxies. There will be timeouts and refused connections. You need to handle that and skip to the next proxy.

- if proxy fails to connect: timeout, refused by site, ip banned by site etc. = **retry 4 times** with the same proxy
  - - if no success after 4 times = try the same domain query again with another proxy