



SIG PWNY

# GAME HACKING

SIGPWNY

Announcements

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OVERALL

# GAME HACKING

# **GAME HACKING**

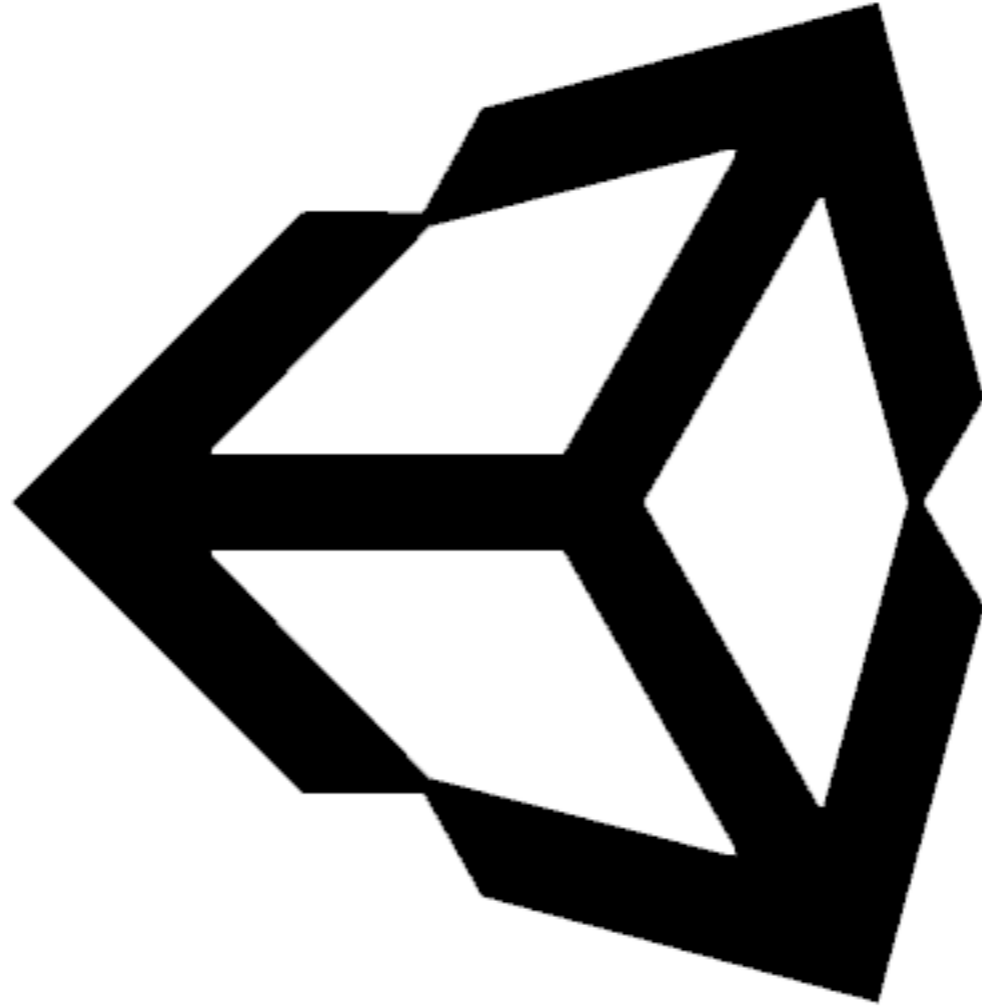
**It's just RE, but way more fun**

# TARGET





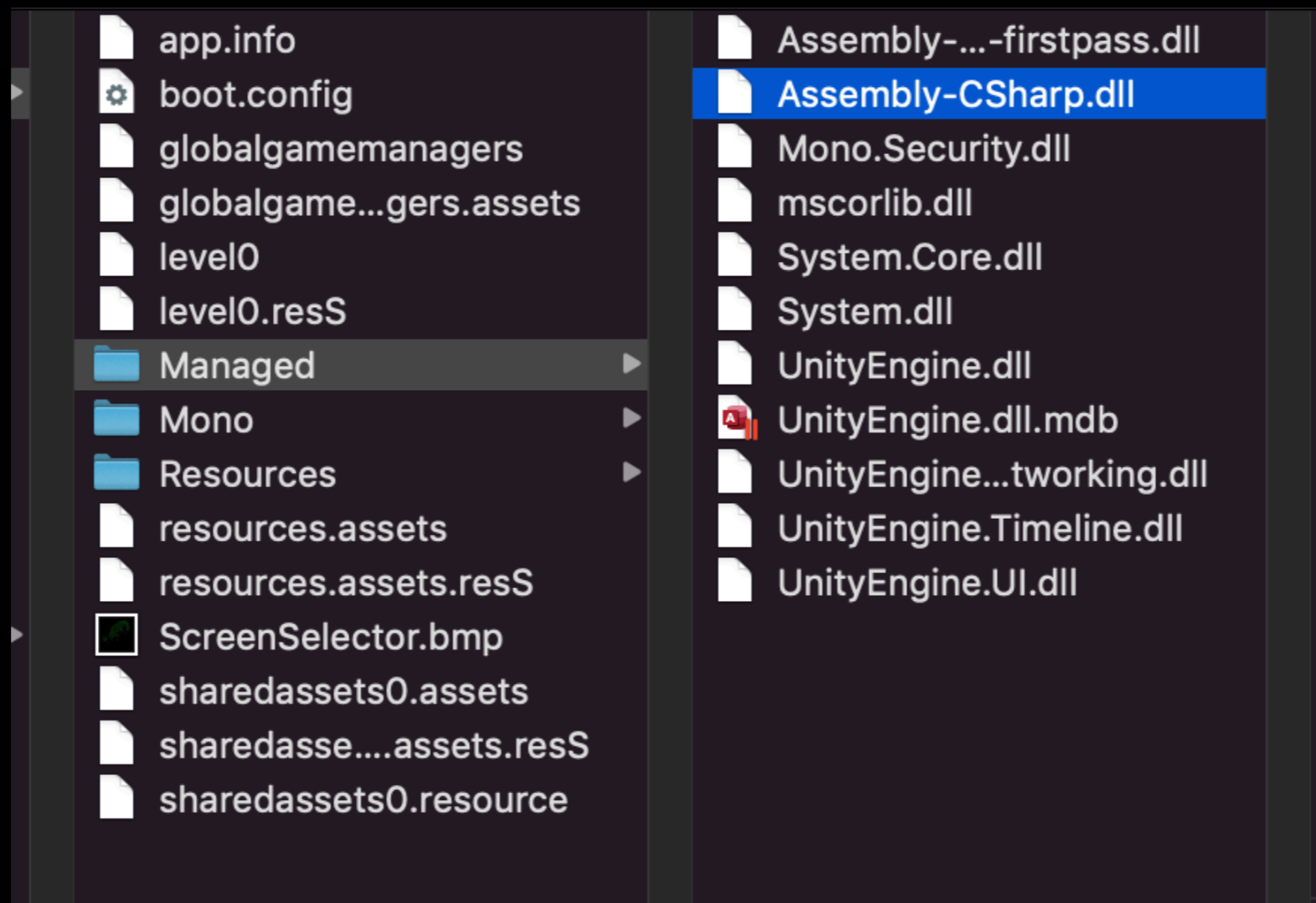
TARGET



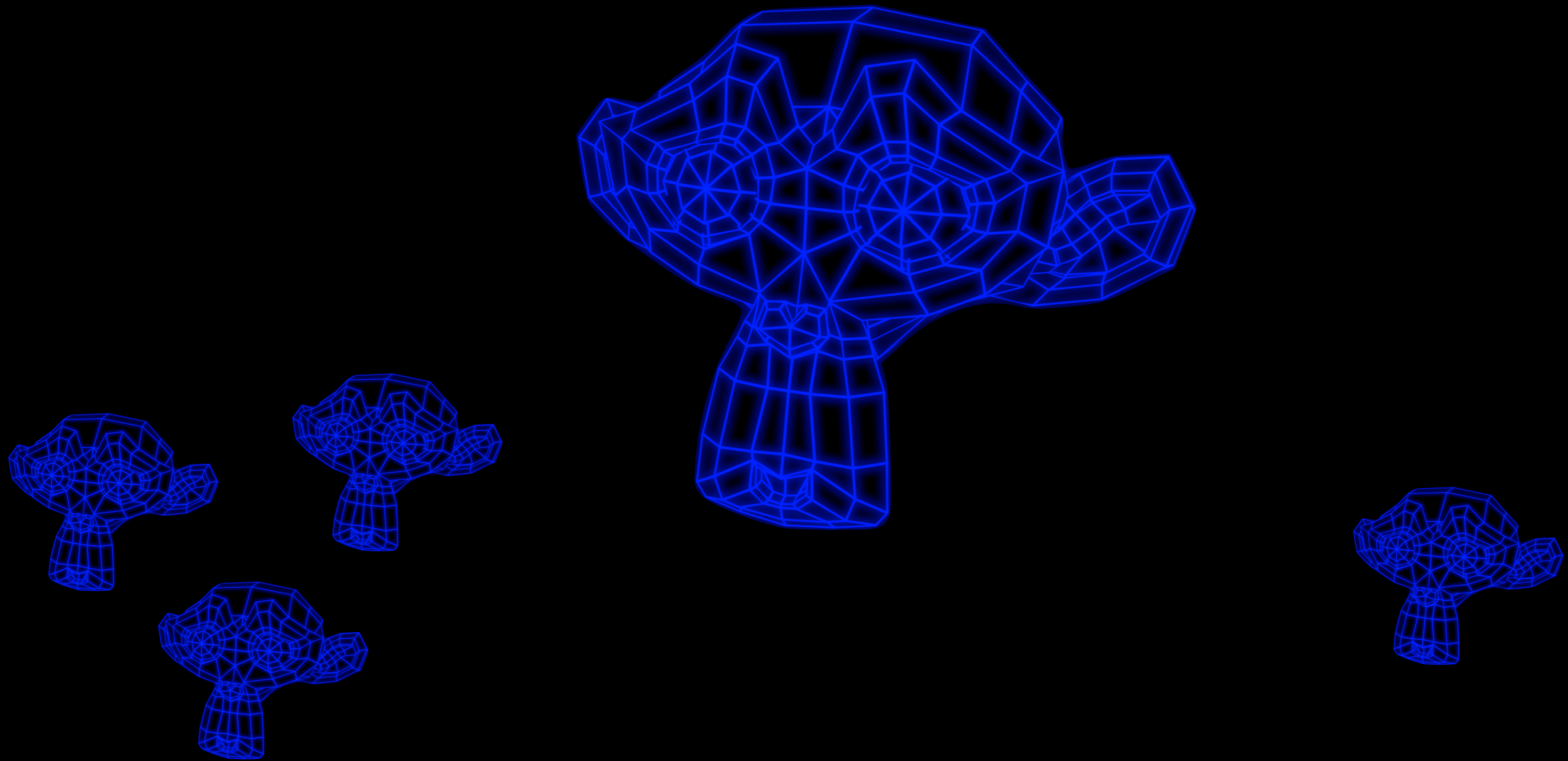
# PWNYBOX



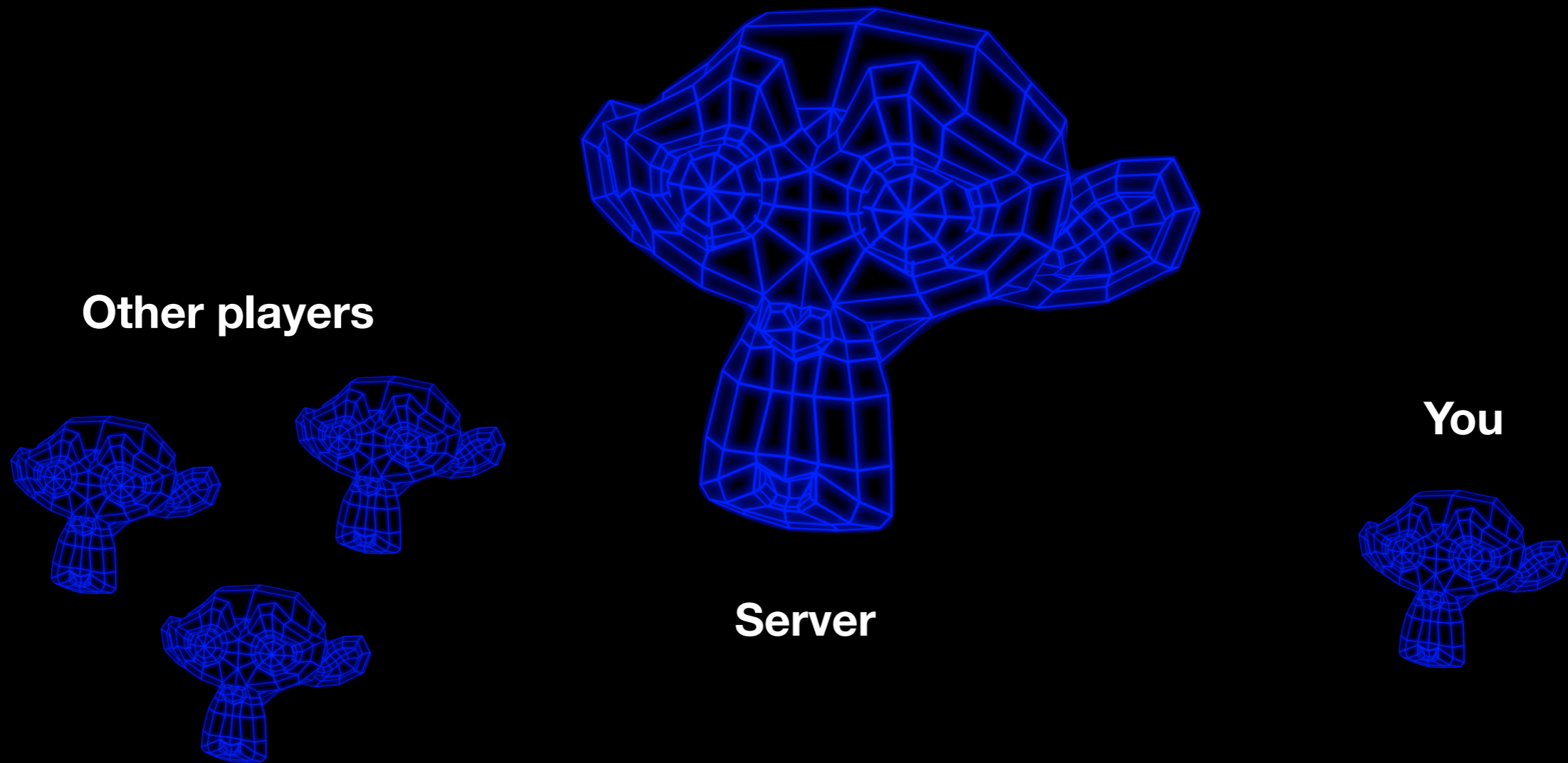
# MANAGED CODE



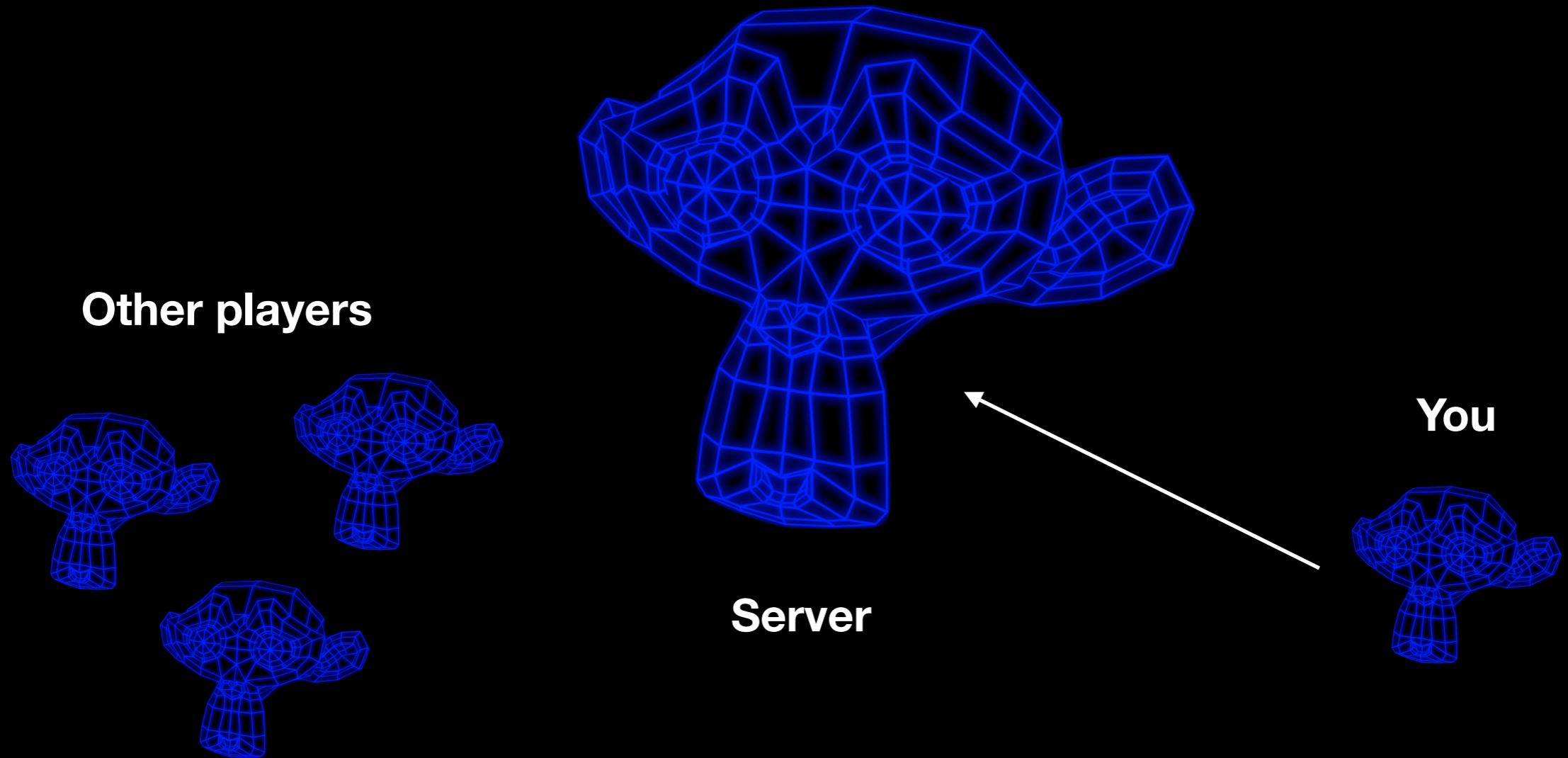
# NETWORKING



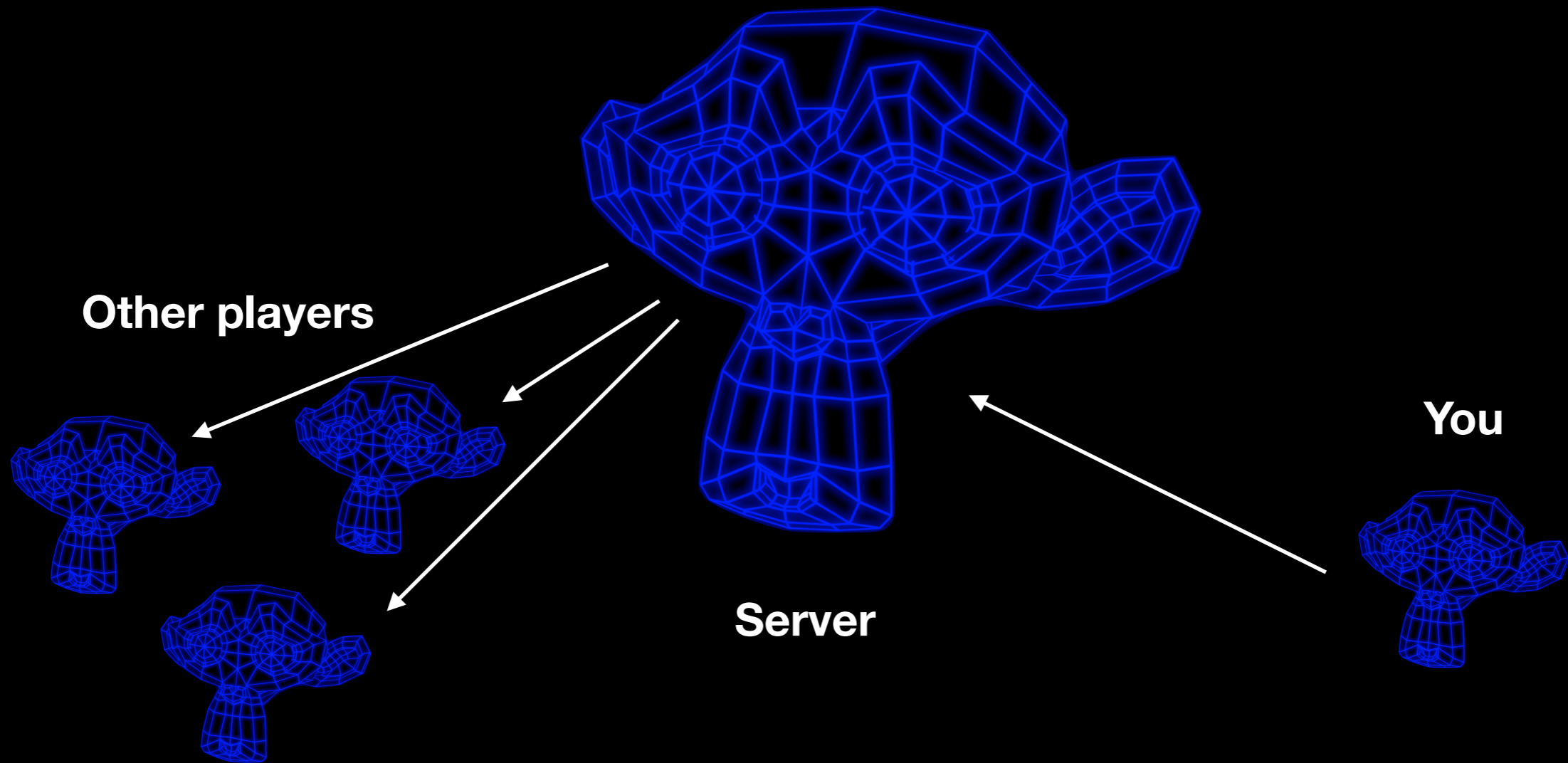
# NETWORKING



# NETWORKING



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# REMOTE PROCEDURE CALL

```
[RPC]
public void Damage (int damage_taken) {
    health -= damage_taken;
}
```



# TOOLS

**dnSpy:** `github.com/0xd4d/dnSpy`

# HARD CHALLENGES

# UNFAIR

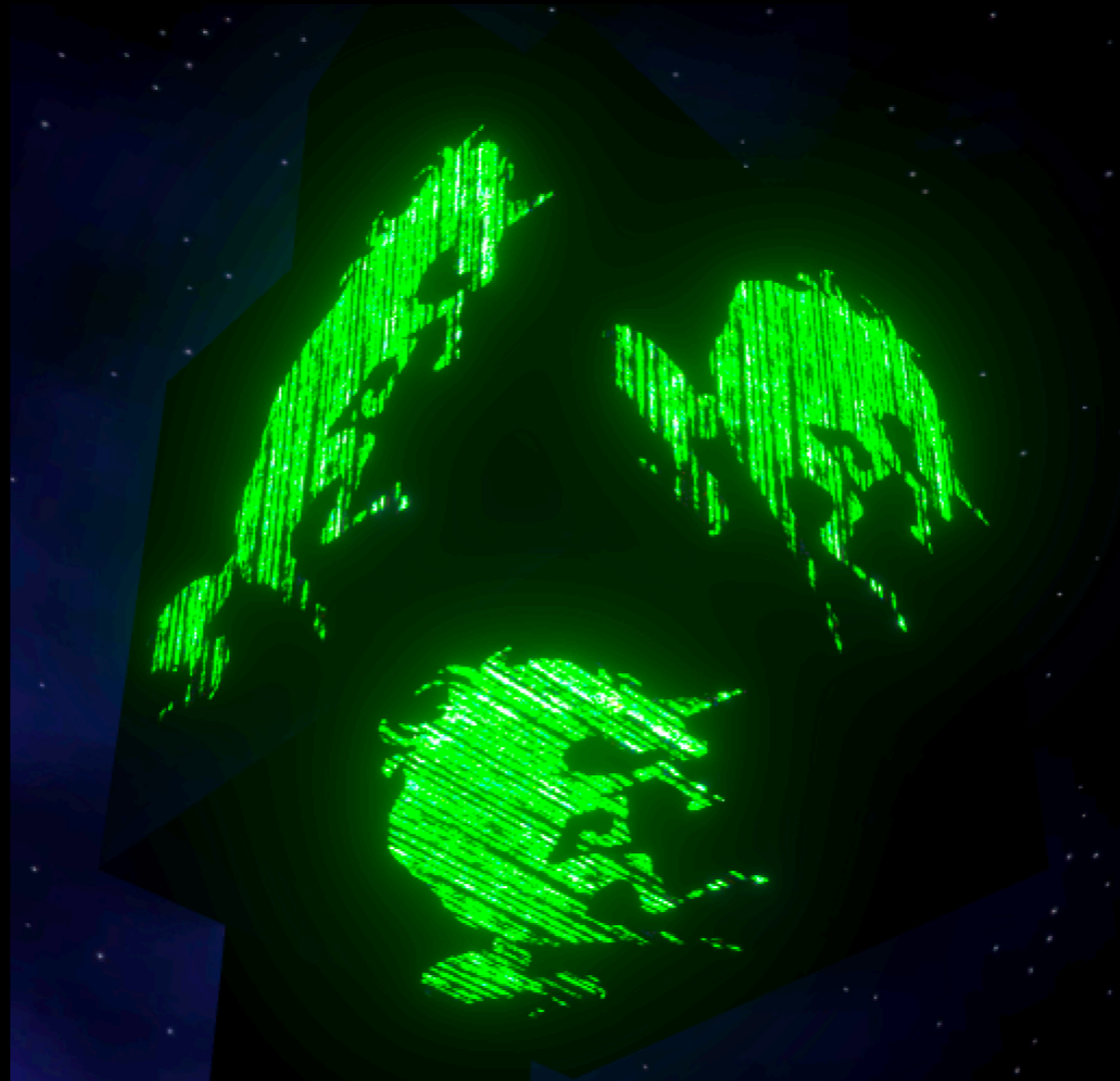
**Make your weapon one-hit  
one-kill & remove the ammo  
restriction.**

# FILTHY CHEATER

**Kill every player in the server.  
Instantly.**

# PWNYBOX

Infiltrate the **PWNYBOX**.



# NO U

**Convince the server someone  
else is cheating & get them  
banned.**

# CHALLENGE 1

**Patch Assembly-CSharp.dll to  
give yourself admin privileges**

# CHALLENGE 2

**Taking damage kind of sucks.  
Get rid of that.**



# CHALLENGE 3

**The game imposes a limit on allowed usernames, see if you can bypass it.**

goto:

[ctf.sigpwny.com](http://ctf.sigpwny.com)



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ctf.sigpwny.com