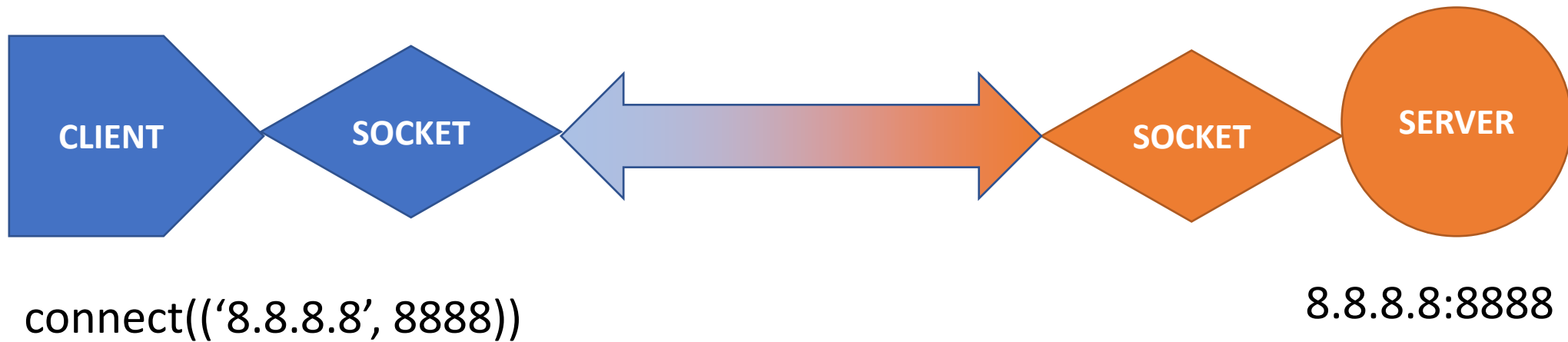
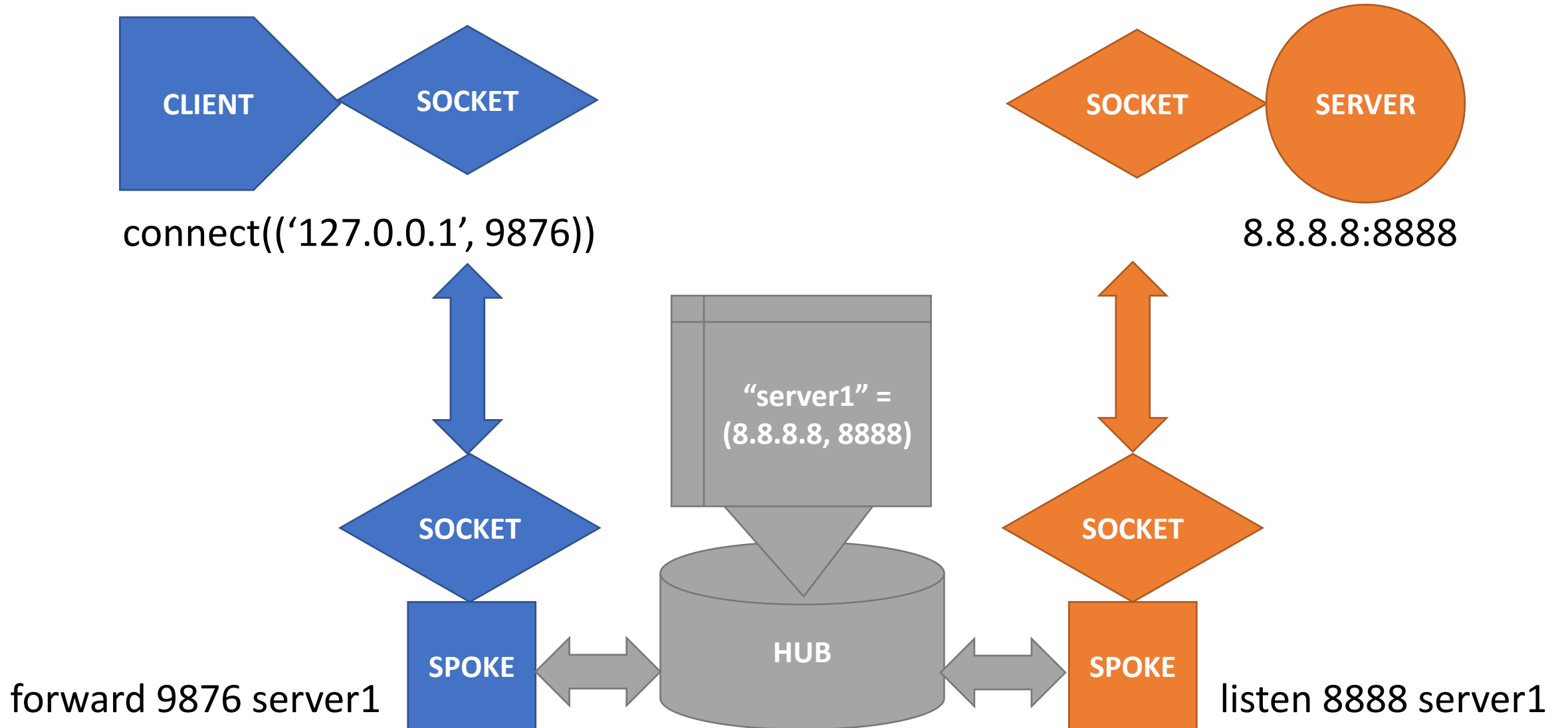


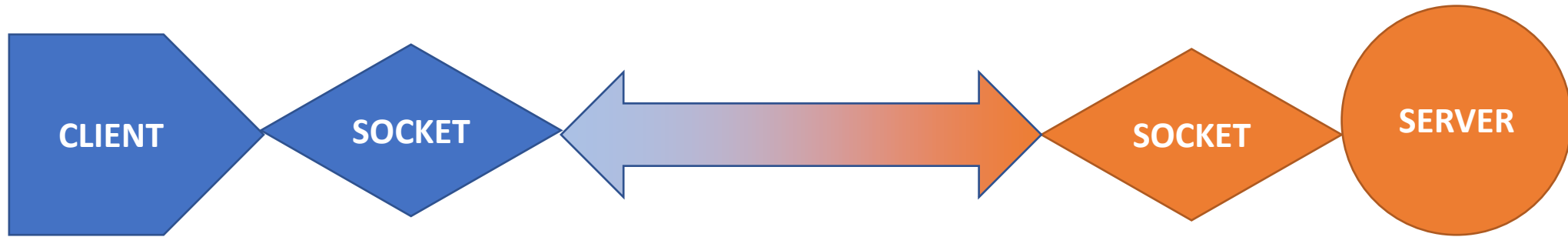
Client/Server Direct Connection



Client/Server via Hub/Spoke



HTTP Direct Connection

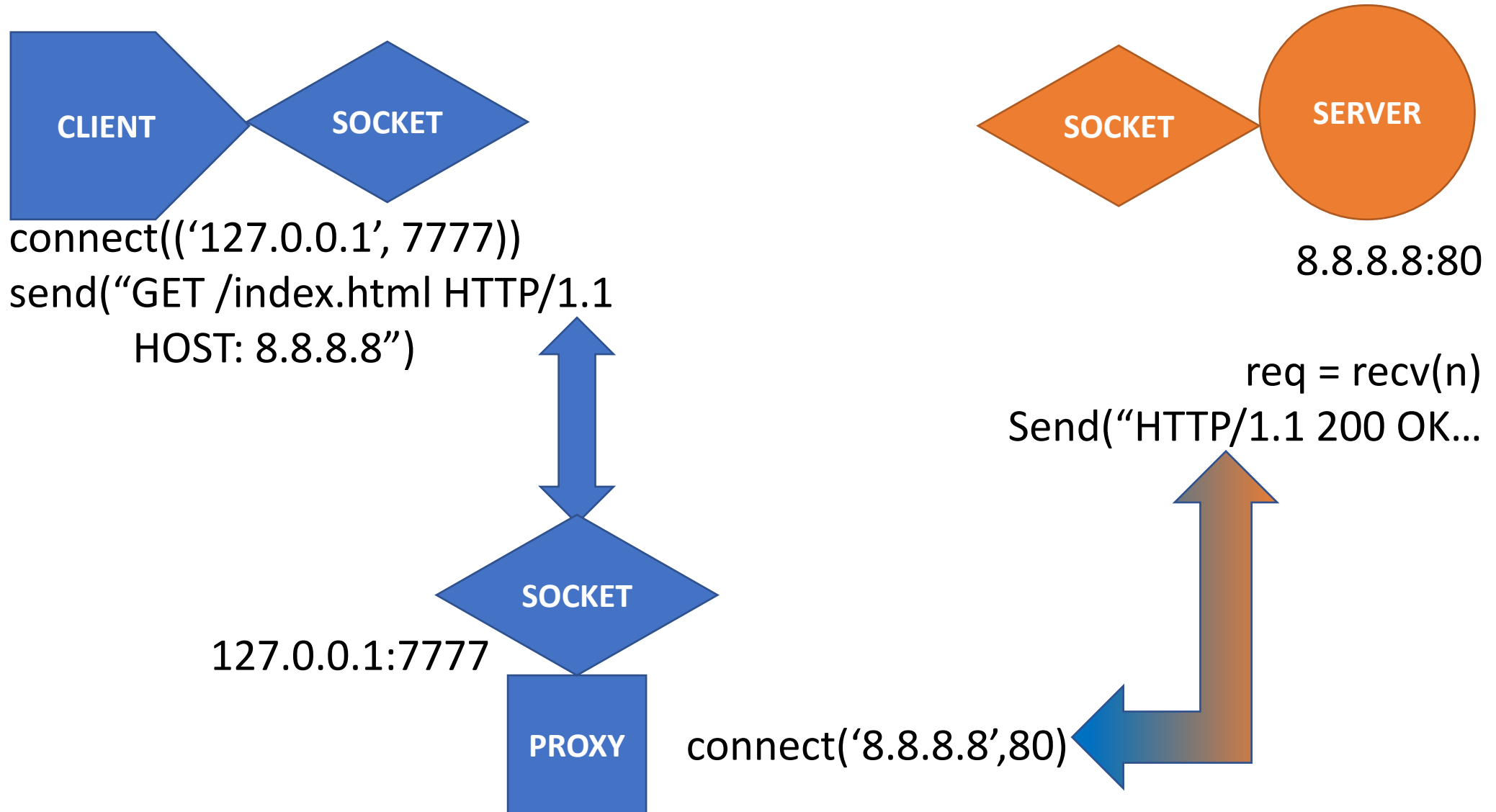


```
connect(('8.8.8.8', 80))  
send("GET /index.html HTTP/1.1  
    HOST: 8.8.8.8")
```

8.8.8.8:80

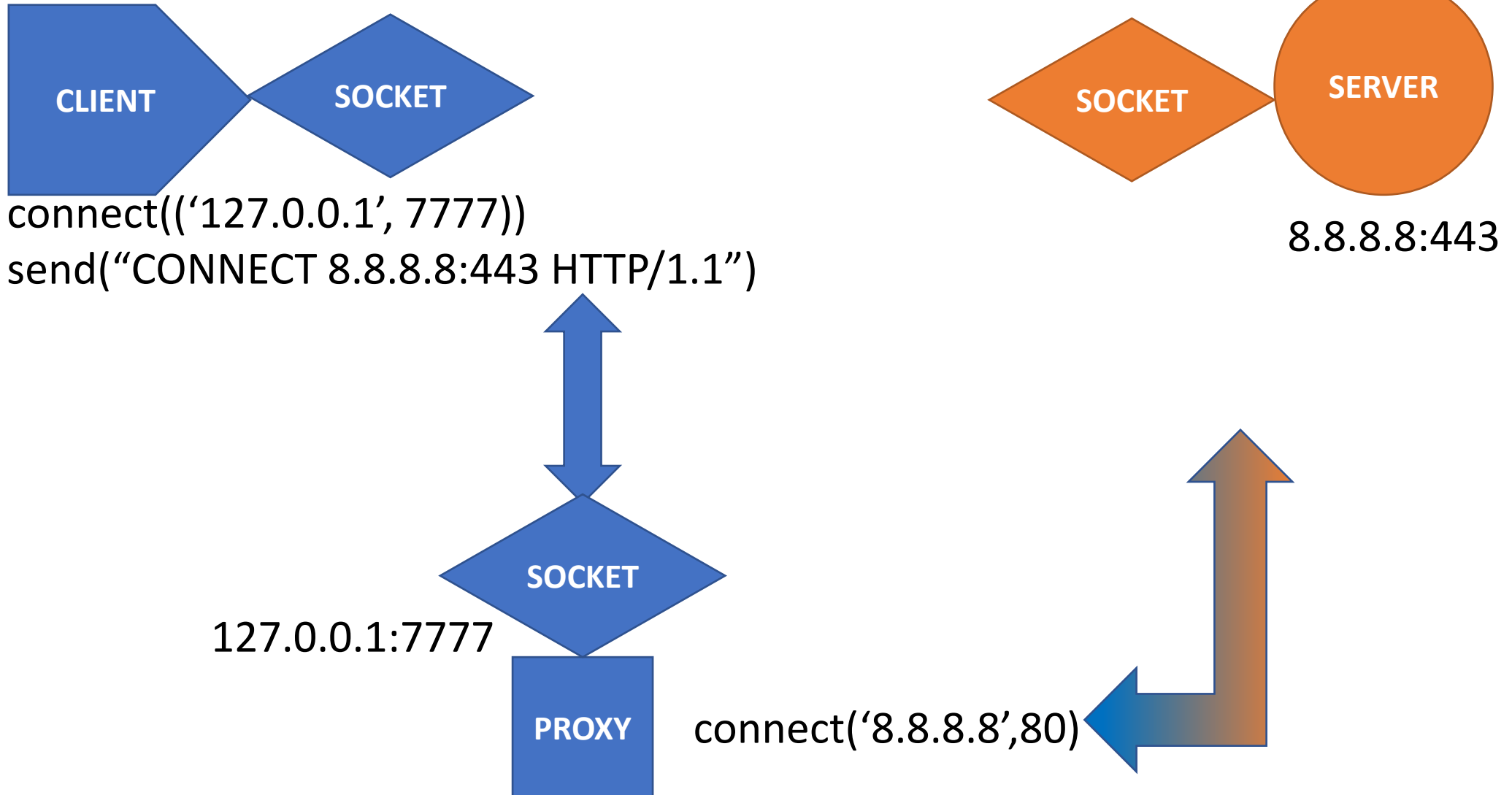
```
req = recv(n)  
Send("HTTP/1.1 200 OK...")
```

HTTP Proxy Connection



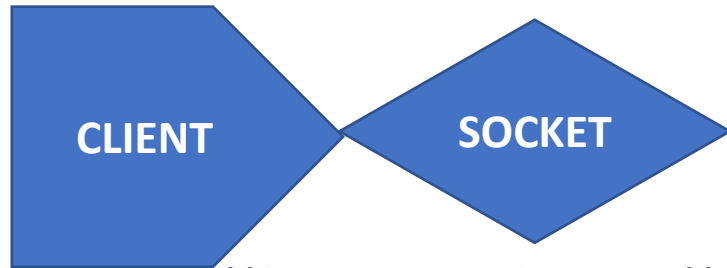
HTTPs Proxy Connection (part 1)

The Proxy shouldn't even see the GET.

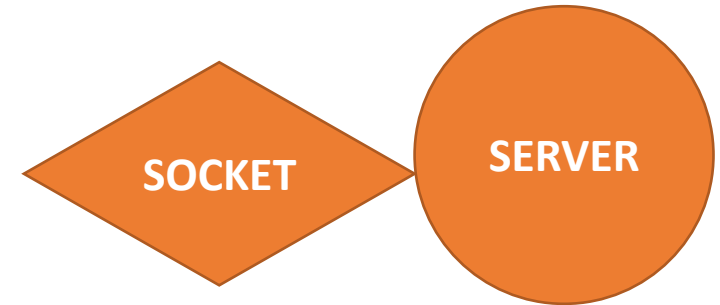
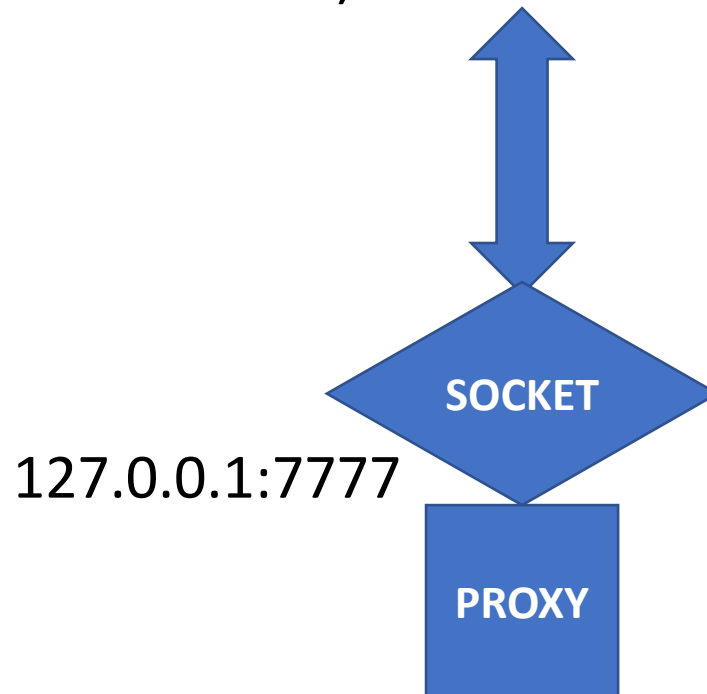


HTTPs Proxy Connection (part 2)

After HTTP, TLS HANDSHAKE via Proxy



connect(('127.0.0.1', 7777))
send(<TLS client Hello>)
(etc.)



8.8.8.8:443
Send(<TLS server Hello>)
(etc.)

