```
class LoadBalancer(servers)
    function main(servers)
        serve(servers)

    task serve(servers)
        while True do
            message ← X
            channel = message[1]
            if message[0] = "HTTP GET" then
                [find_unloadest_server(servers[channel], X)] ⇒
            else
                if message[0] = "I'm a new peer" then
                    servers[channel].append(X)

    function find_unloadest_server(servers, client)
        min_load = ∞
        for all S ∈ servers do
            if client.IP_addr = S.IP_addr then
                break
            else
                ["get load"] ⇒ S
                [load] ← S
            if load < min_load then
                min_load = load
                server = S
        return server
```