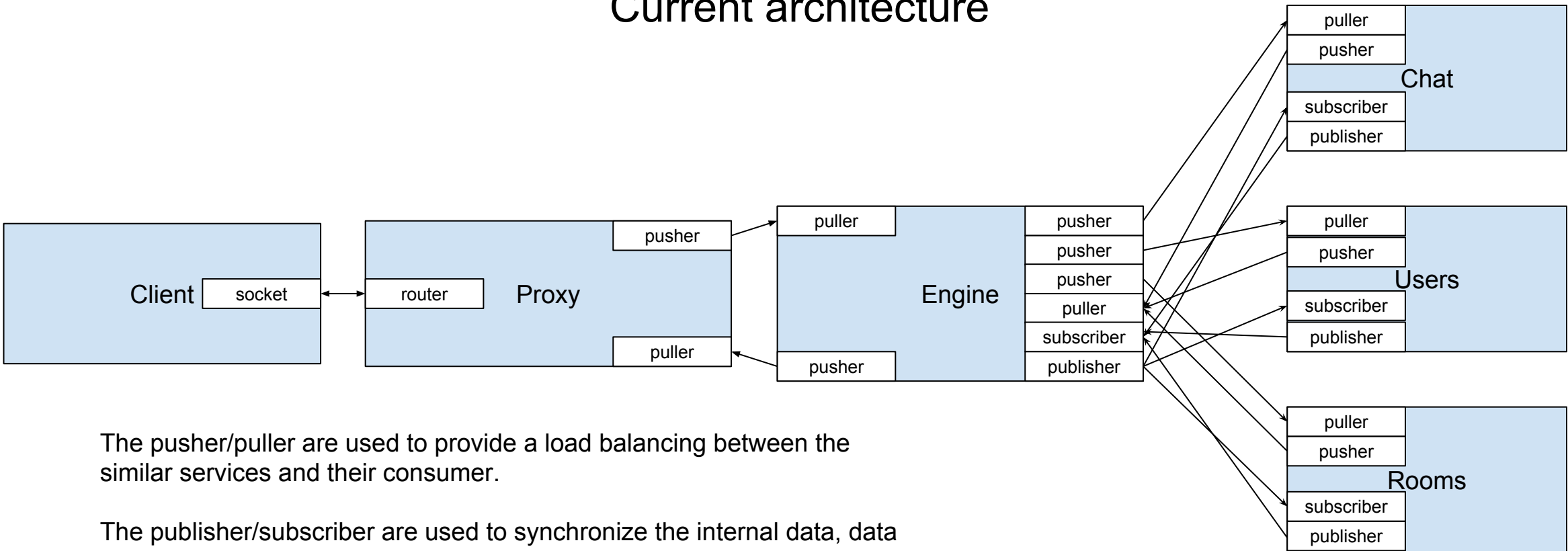


Current architecture

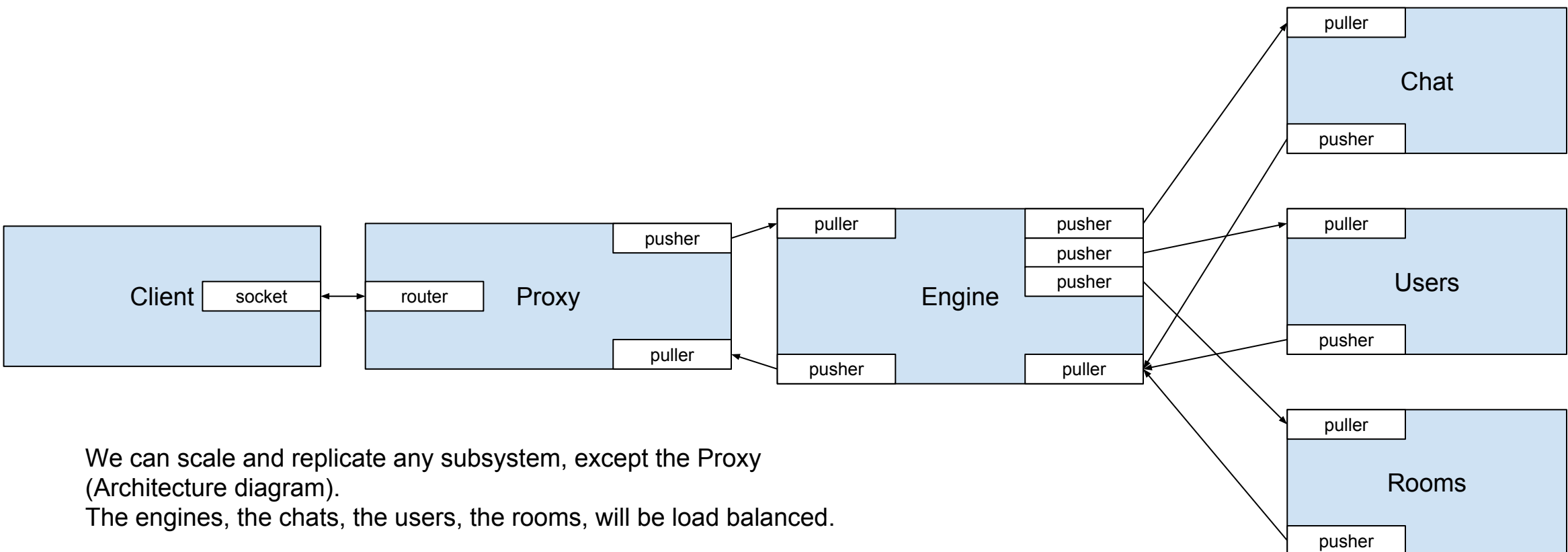


The pusher/puller are used to provide a load balancing between the similar services and their consumer.

The publisher/subscriber are used to synchronize the internal data, data usually shared through a DBMS. (list of users and list of rooms)

The publisher provide a broadcasting system with a routing key.

With a proper DBMS



We can scale and replicate any subsystem, except the Proxy (Architecture diagram).

The engines, the chats, the users, the rooms, will be load balanced.