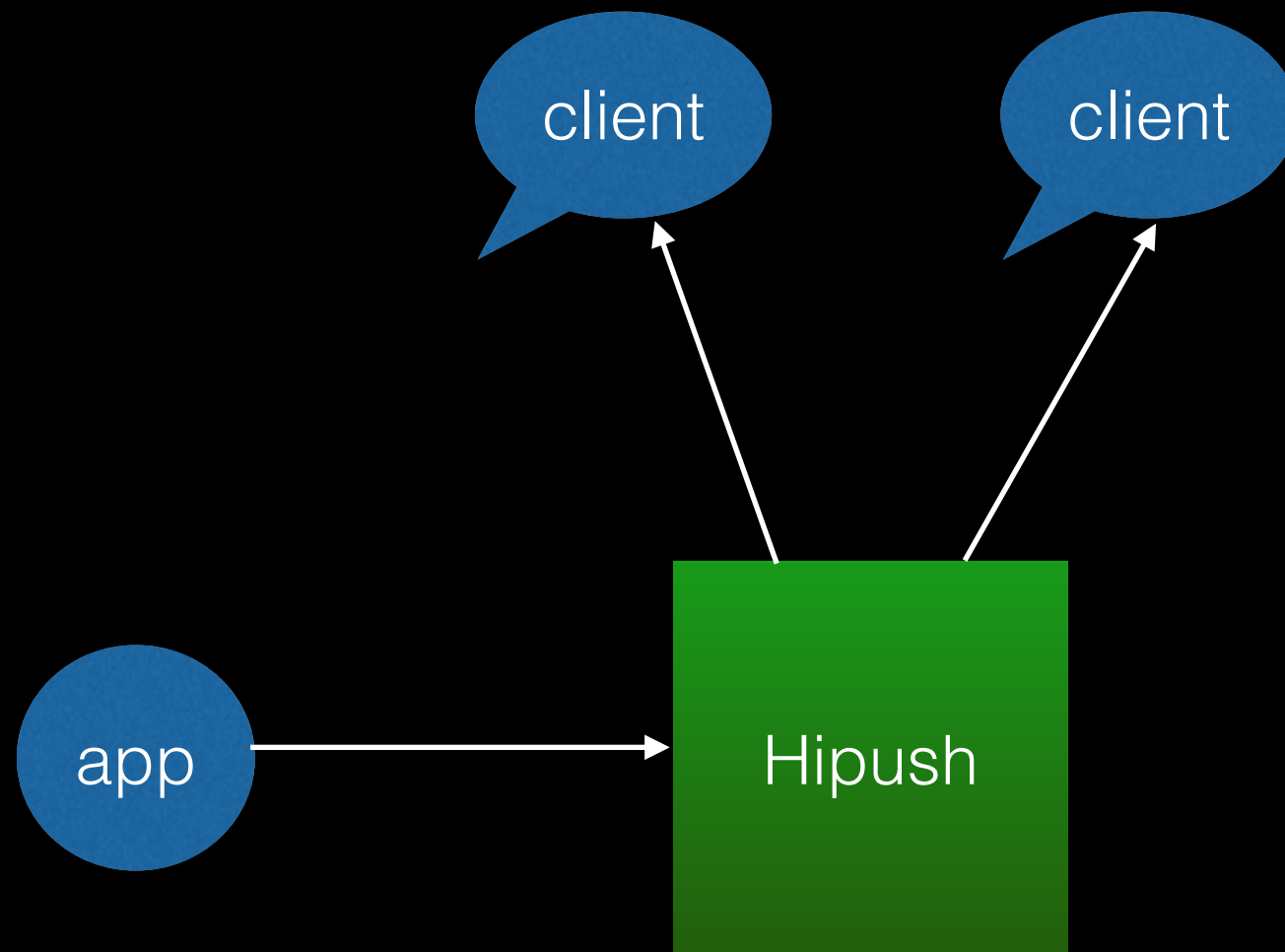
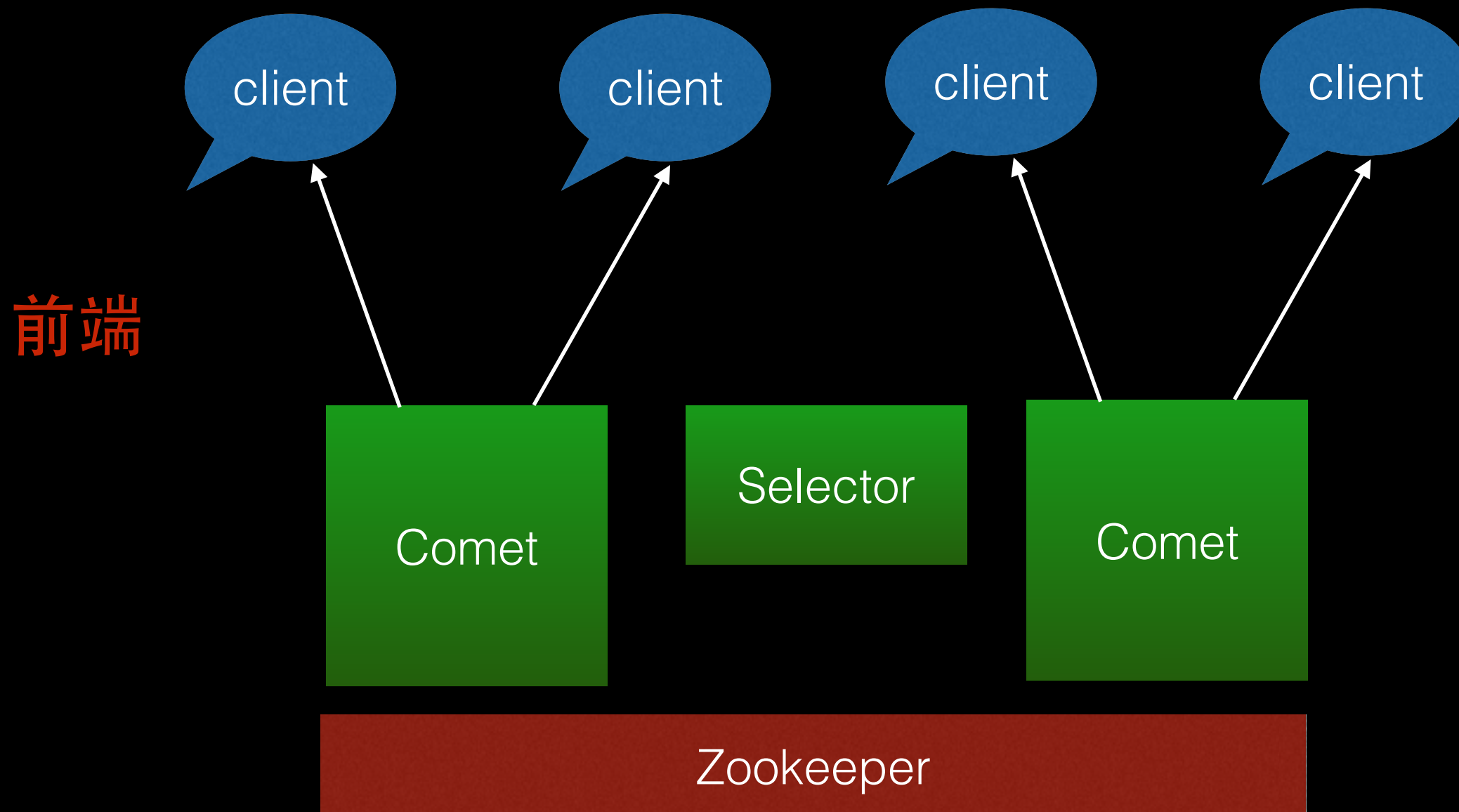


Hipush设计与实现

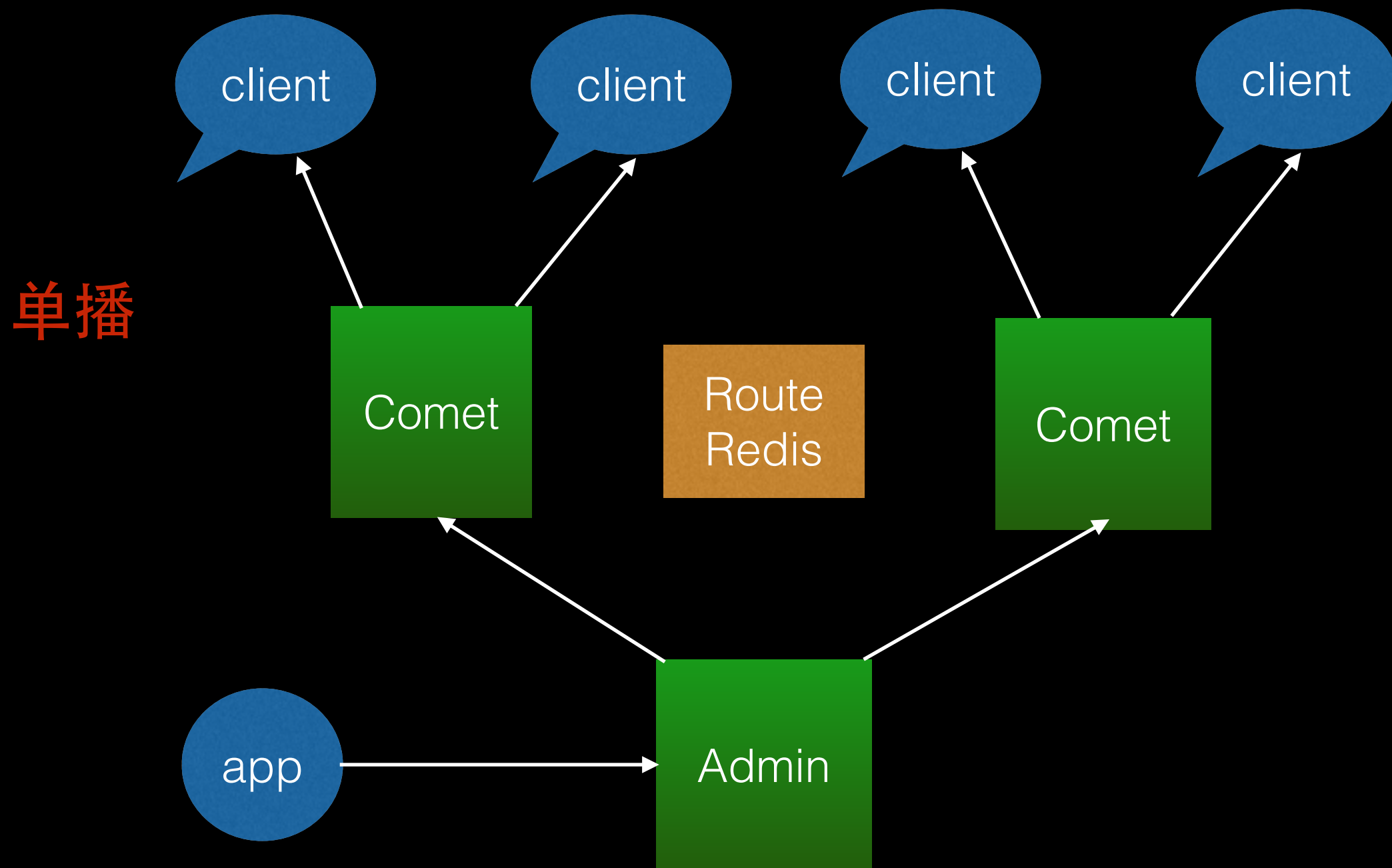
本质



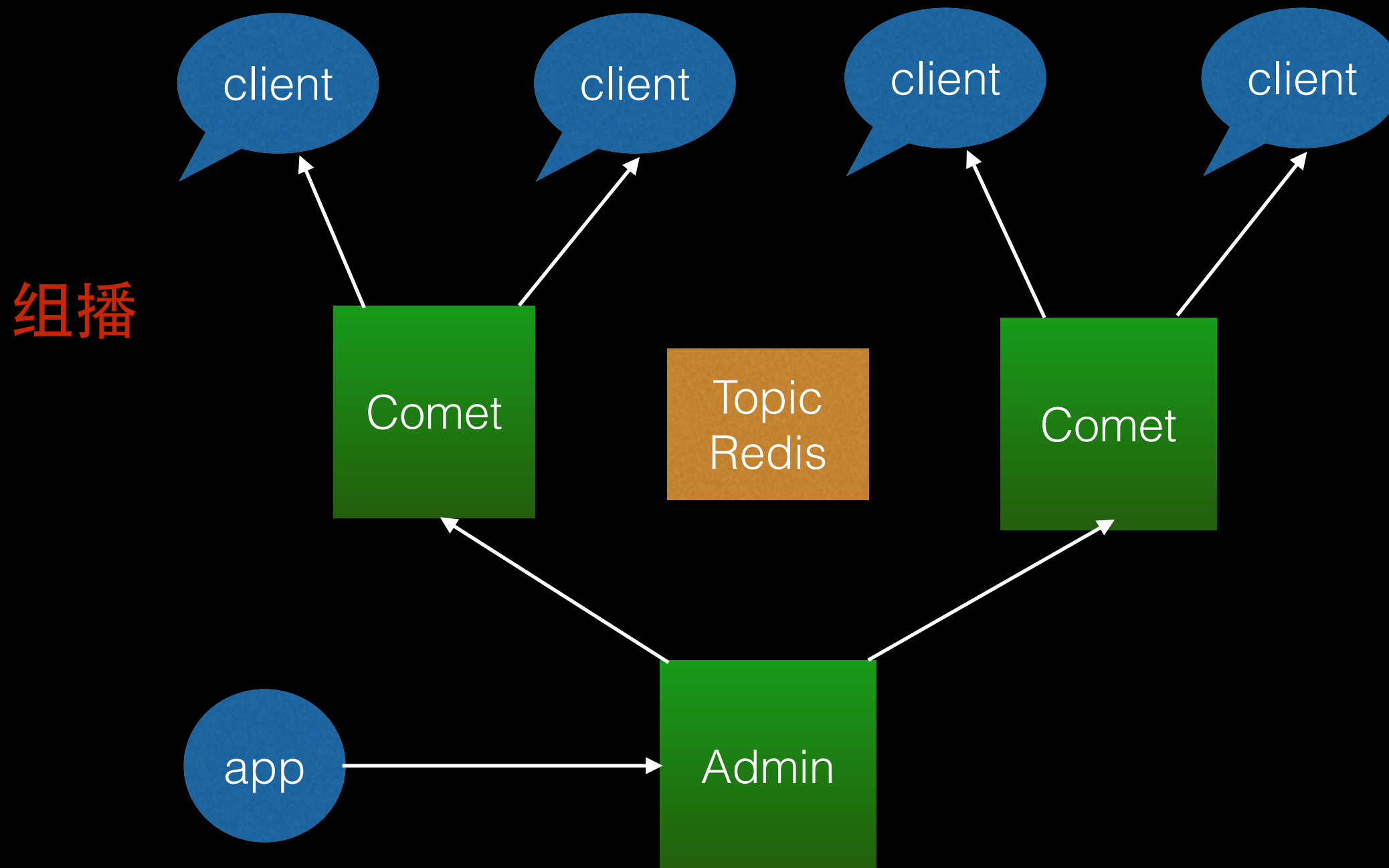
- 维持客户端连接
- 转发消息



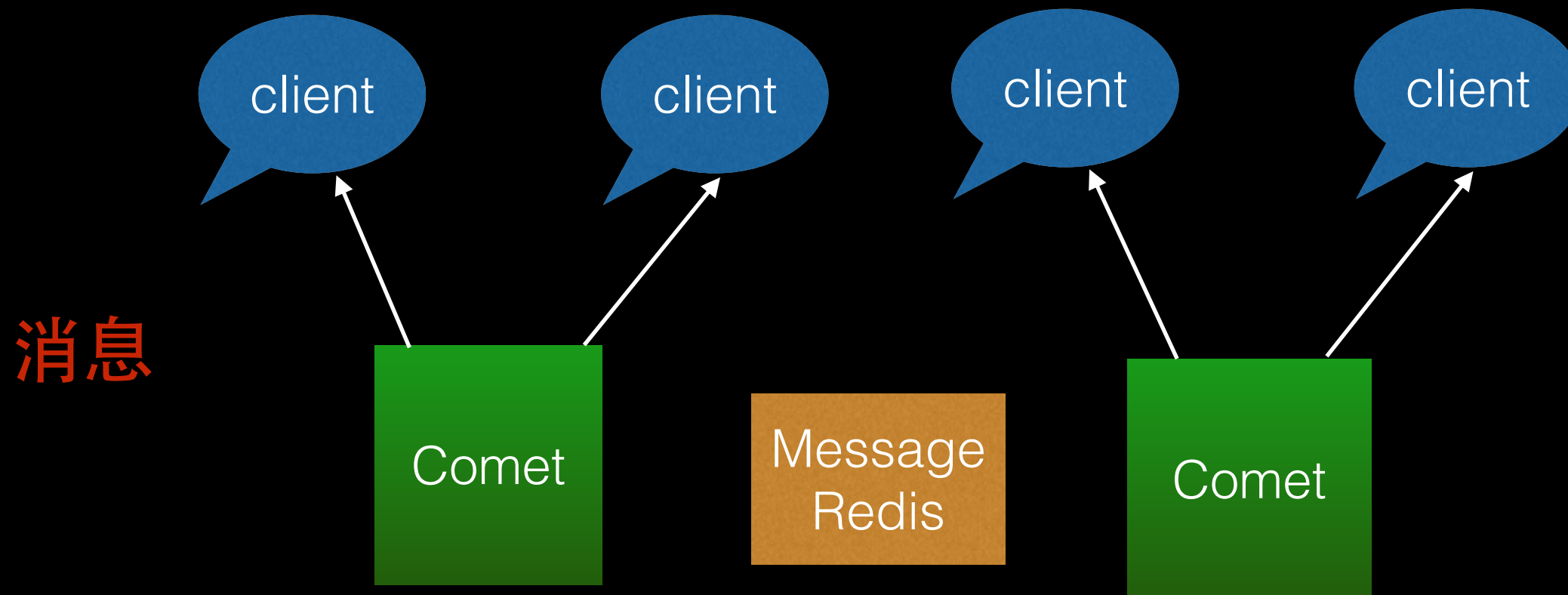
- 千万级连接数，分布式
- Route节点为客户端选择Comet节点
- Zookeeper服务发现



- Route Redis客户端和Comet节点关系

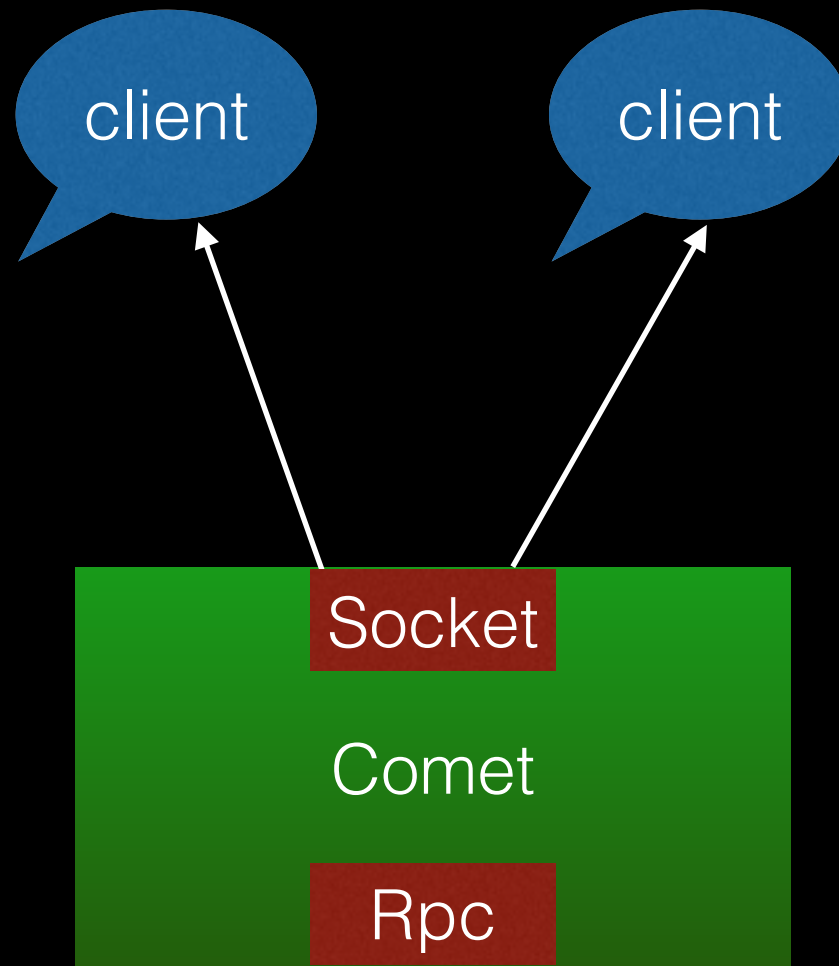


- Topic Redis客户端和群组关系



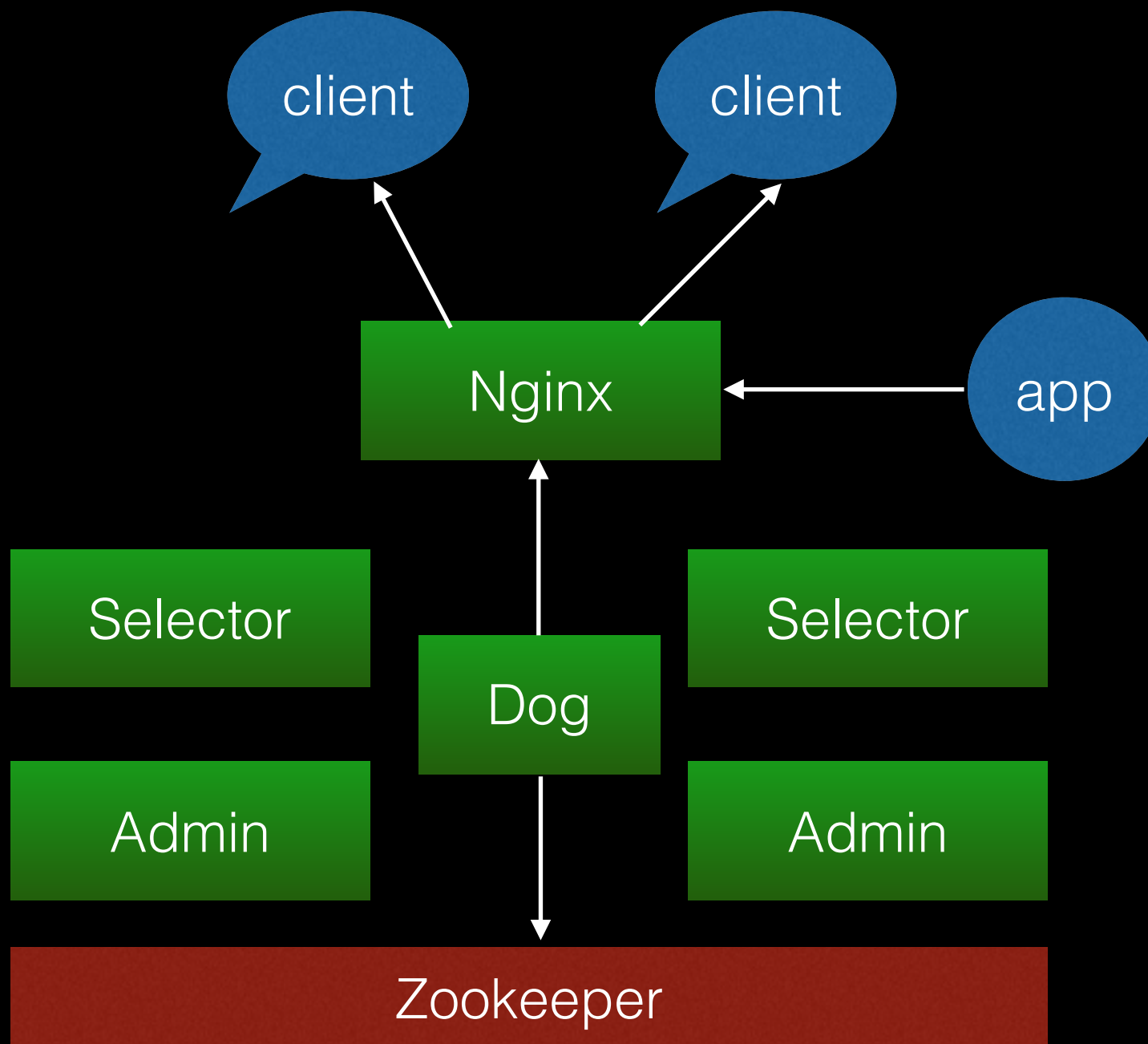
- Message Redis存储消息
- 在线实时推送
- 上线拉取离线消息

Comet



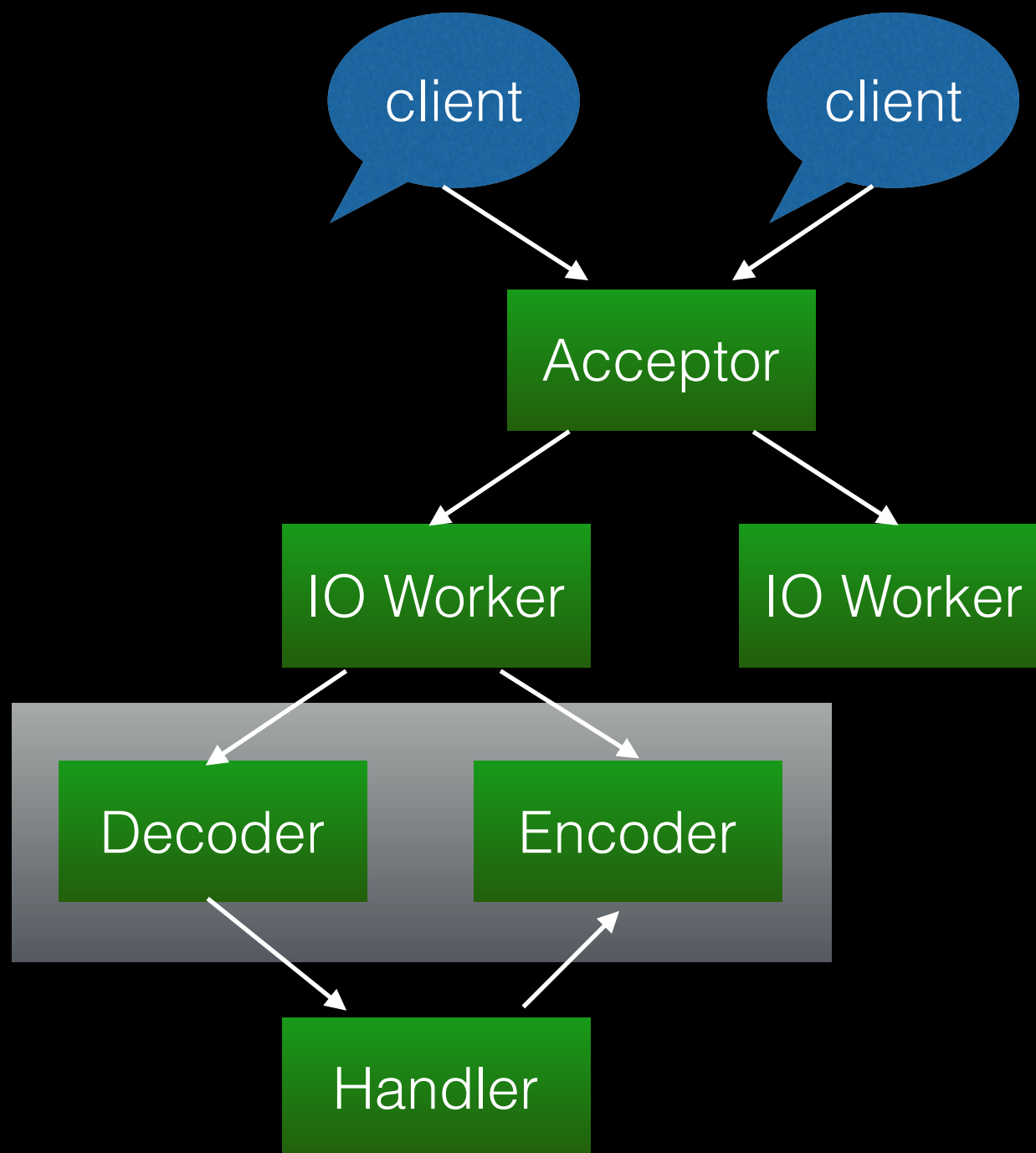
- 对外Netty处理长连接
- 对内keepalive http处理rpc

Nginx

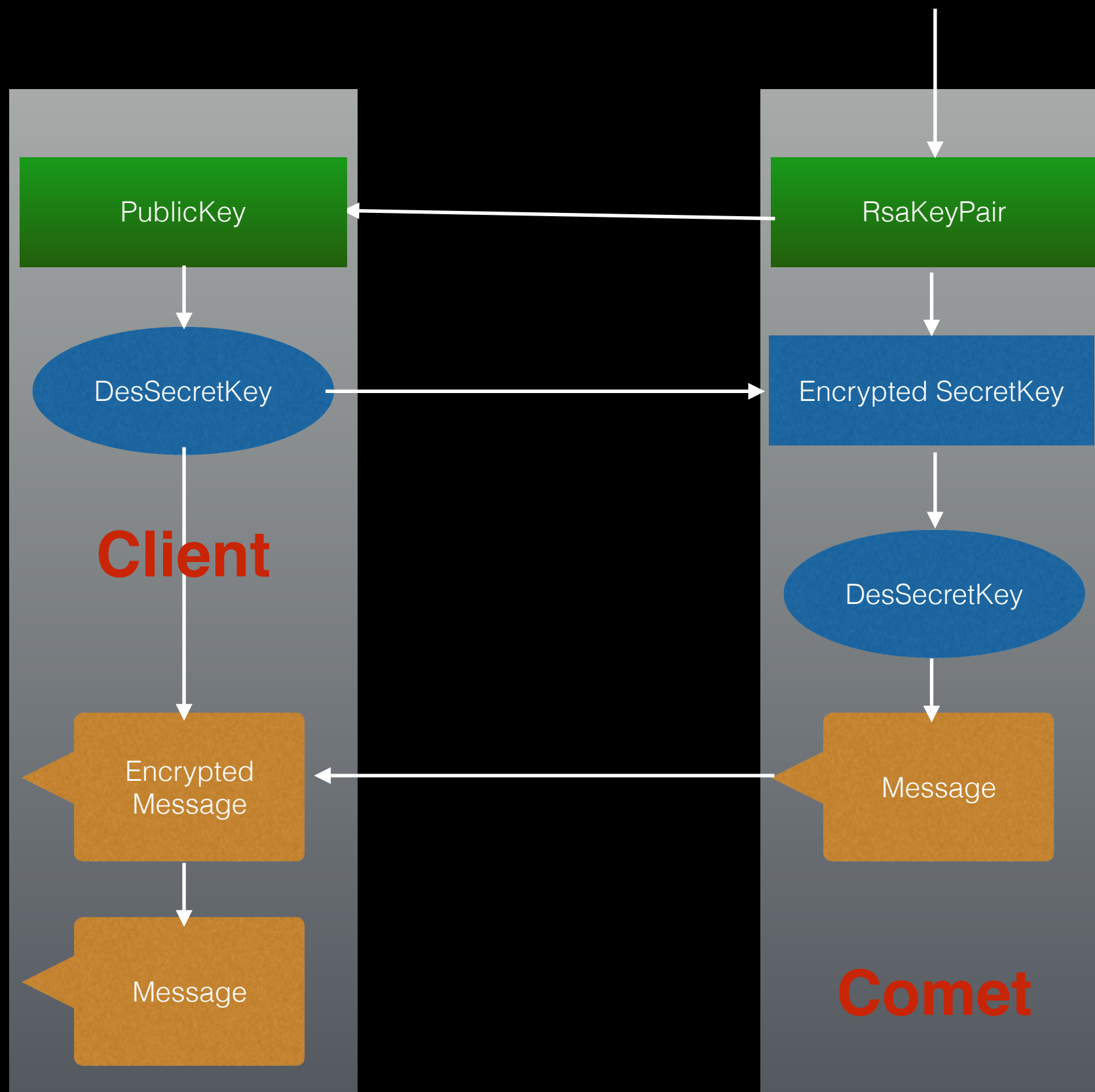


- client通过nginx访问selector
- app通过nginx访问admin
- dog监控节点变化动态配置nginx

Netty



加密



技术杂烩

- Curator Service Discovery
- 一致性hash
- Mustache模版
- 分布式UUID
- 轻量级ORM框架OrmLite