直播应用中的高并发场景实战

3-4 远程调用：
HTTP还是RPC

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RPC和HTTP有什么区别?

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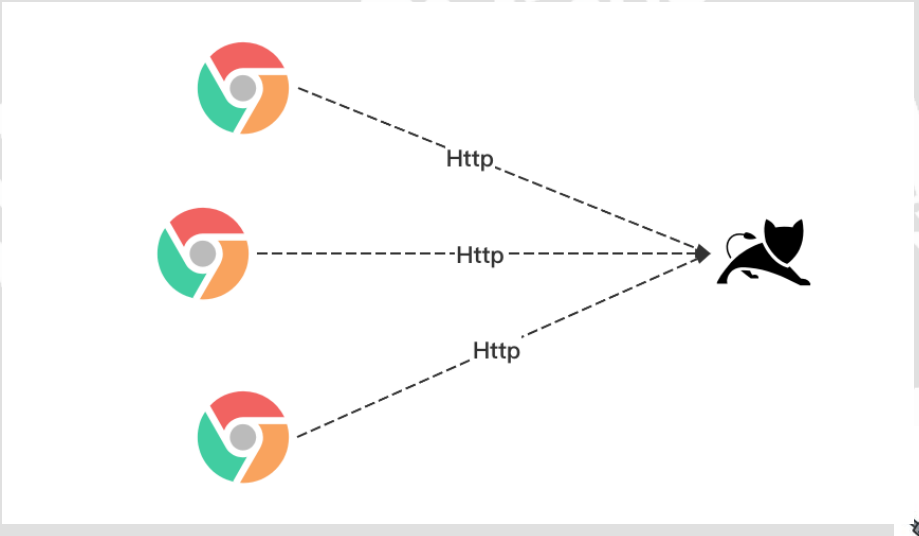
RPC和HTTP有什么区别?

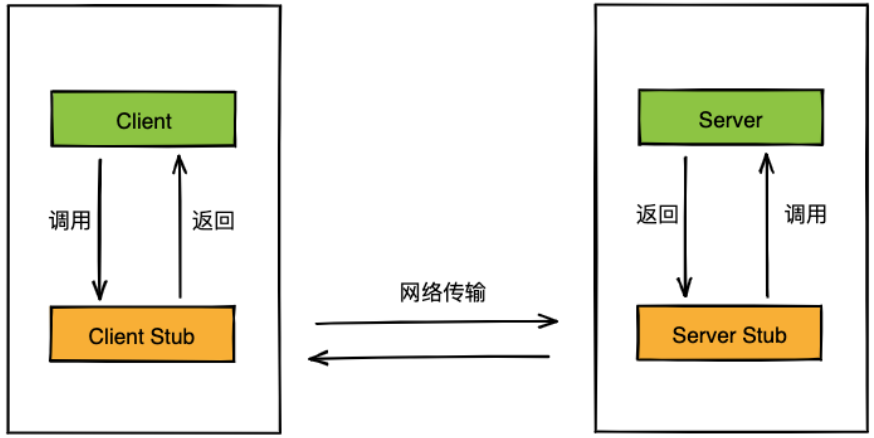
- HTTP（超文本传输协议）

对web服务器的访问



RPC和HTTP有什么区别?

- RPC（远程调用通讯实现方案）



使用起来和本地调用一样简单

RPC协议的模型

RPC和HTTP有什么区别

- RPC内的两种核心协议

  通信协议：Http(gRPC)，Tcp(Dubbo)

  序列化协议：Hessian, Json, Xml，protobuf

RPC和HTTP有什么区别

- RPC更多是一套完整的远程调用实现方案，HTTP则只是一种通信协议，不是一个维度的概念

RPC和HTTP怎么选

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RPC和HTTP的报文体积

- HTTP的协议头

请求标头

:authority: zhuanlan.zhihu.com
:method: GET
:path: /api/articles/45700301/concerned_upvoters
:scheme: https
accept: */*
accept-encoding: gzip, deflate, br
accept-language: zh,zh-CN;q=0.9
cookie: d_c0="AEDdNnPS3RGPTl7d9HQYt8ql5wadGJI0aYU=|1599724003"; q_c1=e580ece5fa8b4848a21a5985cecdf3c2|1614654755000|1608435409000; _xsrf=RZsfTHMxW4oX9QHzGIAthYczchS7boEW; _9755xj
desxxd_=32; YD00517437729195%3AWM_TID=3a6vTVNlwMdBAEFFURY%2BrJ7duqyC%2FMau; YD00517437729195%3AWM_NI=EOZhcdeDwGHfqN9ZF%2BJnNKjKQW7kstXBM9VPgjAj7seeOjKohYbJcOLJR1kONl0zcuYGhpXHZ
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m_lpvt_98beee57fd2ef70ccdd5ca52b9740c49=1681181855; KLBRSID=4efa8d1879cb42f8c5b48fe9f8d37c16|1681183485|1681181803
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sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "macOS"
sec-fetch-dest: empty
sec-fetch-mode: cors
sec-fetch-site: same-origin
user-agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/111.0.0.0 Safari/537.36
x-ab-param
x-ab-pb: CkYbAD8ARwC0AGkBagF0ATsCzALXAtgCtwPWBFEFiwWMBZ4FMQbrBicHdAh5CGAJ9AlrCr4KcQuHC+AL5QvmC3EMjwzDDPgMEiMAAAAAAAAAAAAAAAAEAQAAAQAAAAAGAAMAAAAAAQAABgACAA==
x-requested-with: fetch
x-zse-93: 101_3_3.0
x-zse-96: 2.0_A1JMti9llVyQw803GSd7kA=91hTK+l+dstV=VgzOvTU3Xzb3rdfhBBL2dm3XjrL6

RPC和HTTP的协议体

- RPC的协议体

  int magic

  byte[] body

  int length

体积更小，传输速度更快

两种技术在互联网公司中的使用频率

大型互联网企业更加青睐于RPC，也有部分企业使用HTTP

撸起袖子，干~

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