



链滴

Zookeeper 客户端的一致性表现

作者: [skyesx](#)

原文链接: <https://ld246.com/article/1491277047275>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

<p style="box-sizing: border-box; margin-top: 0px !important; margin-bottom: 16px; color: #333333; font-family: 'Helvetica Neue', Helvetica, 'Segoe UI', Arial, freesans, sans-serif, 'Apple Color Emoji', 'Segoe UI Emoji', 'Segoe UI Symbol'; font-size: 14px; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; line-height: 22.4px; orphans: auto; text-align: start; text-indent: 0px; text-transform: none; white-space: normal; widows: 1; word-spacing: 0px; -webkit-text-stroke-width: 0px;" data-source-line="1">ZK的服务端之间采用的是ZAB(Mult-Paxos)其最终一致性毋庸置疑，我们现在来看看其客户端的一致性视图。</p>

<ul style="box-sizing: border-box; margin-top: 0px; margin-bottom: 0px !important; padding-left: 2em; color: #333333; font-family: 'Helvetica Neue', Helvetica, 'Segoe UI', Arial, freesans, sans-serif, 'Apple Color Emoji', 'Segoe UI Emoji', 'Segoe UI Symbol'; font-size: 14px; font-style: normal; font-variant: normal; font-weight: normal; letter-spacing: normal; line-height: 22.4px; orphans: auto; text-align: start; text-indent: 0px; text-transform: none; white-space: normal; widows: 1; word-spacing: 0px; -webkit-text-stroke-width: 0px;" data-source-line="3">

<li style="box-sizing: border-box;">Every ZooKeeper server services clients. Clients connect to exactly one server to submit requests. Read requests are serviced from the local replica of each server database.

<li style="box-sizing: border-box;">Requests that change the state of the service, write requests, are processed by an agreement protocol.

<ul style="box-sizing: border-box; margin-top: 0px; margin-bottom: 0px; padding-left: 2em;"

<li style="box-sizing: border-box;">all write requests from clients are forwarded to a single server, called the leader.

<li style="box-sizing: border-box;">The rest of the ZooKeeper servers, called followers, receive message proposals from the leader and agree upon message delivery.

<li style="box-sizing: border-box;">The clients view of the system is guaranteed to be up-to-date within a certain time bound.

