

Specification and Implementation of Replicated List

— The Jupiter Protocol Revisited

(Brief Announcement at PODC'2018)

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Background

Collaborative Text Editing Systems



(a) Google Docs



(b) Apache Wave



(c) Wikipedia



(d) L^AT_EX Editor

replication
system model: replica

Replicated List

$\text{INS}(a, p)$: Insert a at position p .

$\text{DEL}(p)$: Delete an element at position p .

READ : Return the list.

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To implement a highly available replicated list object.

specification

Thank
You!



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