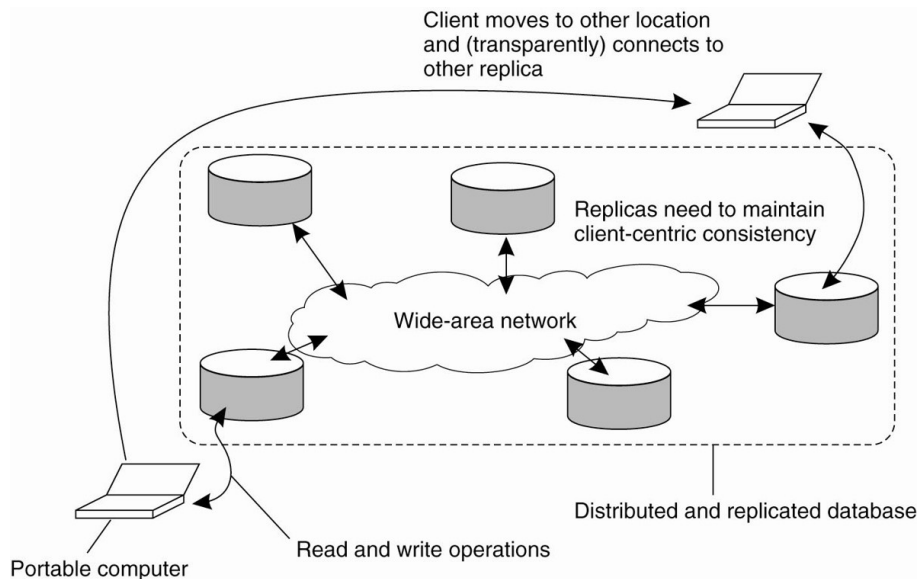


Client-centric consistency - Disposition

Lukas Peter Jørgensen, 201206057, DA4

27. marts 2014

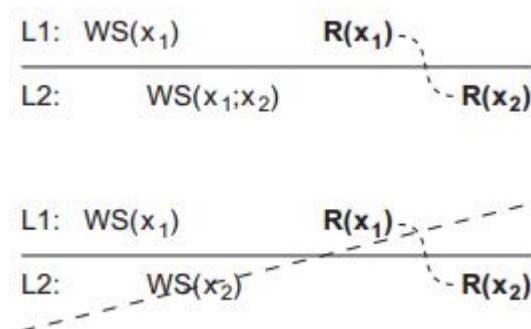
1 Introduction



I want the database to be consistent to me, that is I only care that the entries I edited in A, are in B the way I left them in A.

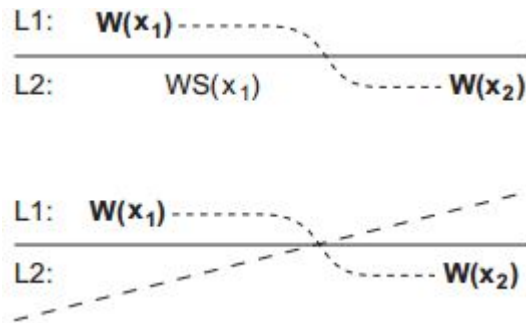
Monotonic reads

If a process reads the value of a data item x , any successive read operation on x by that process will always return that same or a more recent value.



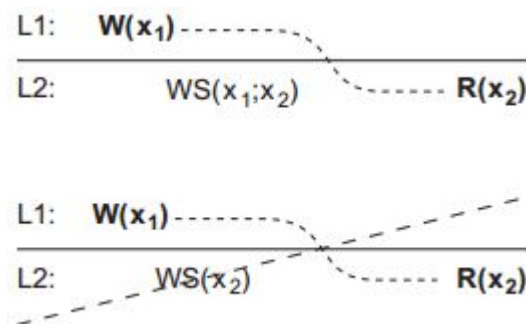
Monotonic writes

A write operation on a data item x is completed before any successive write operation on x by the same process.



Read your writes

The effect of a write operation by a process on data item x , will always be seen by a successive read operation on x by the same process.



Writes follow reads

A write operation by a process on a data item x following a previous read operation on x by the same process, is guaranteed to take place on the same or a more recent value of x that was read.

