

Alright,

we have partial ordering, now what ?

Let's say you have read everything about logical clocks, and implemented one for your system.

You have two routes to go from there:

- Add an arbitrary component to form a total order of events, then implement LWW
- Embrace the partially-ordered nature of distributed system, and implement *multi-value registers*



**A multi-value register
contains either one or many values**