

Abstract

METHODS AND APPARATUS FOR A DISTRIBUTED DATABASE WITHIN A NETWORK

In some embodiments, an apparatus includes an instance of a distributed database at a first compute device configured to be included within a set of compute devices that implement the distributed database. The apparatus also includes a processor configured to define a first event linked to a first set of events. The processor is configured to receive, from a second compute device from the set of compute devices, a signal representing a second event (1) defined by the second compute device and (2) linked to a second set of events. The processor is configured to identify an order associated with a third set of events based at least one a result of a protocol. The processor is configured to store in the instance of the distributed database the order associated with the third set of events.

(Figure 1)