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- The CNI separates the local processing within a node from the global interactions among the nodes
- The CNI uses two unidirectional elementary data-flow interfaces, one from the host computer to the communication system, and one in the other direction.
- Information push: a message is sent by writing it to the CNI memory before a pre-defined time
- Information pull: a message is received by reading it from the CNI
 memory before a pre-defined time

The Time-Triggered Architecture

- Outline
 - System model and structure
 - Fault tolerance
 - Communication model
 - Clock synchronization
 - Replica determinism
 - Composability in the temporal domain







