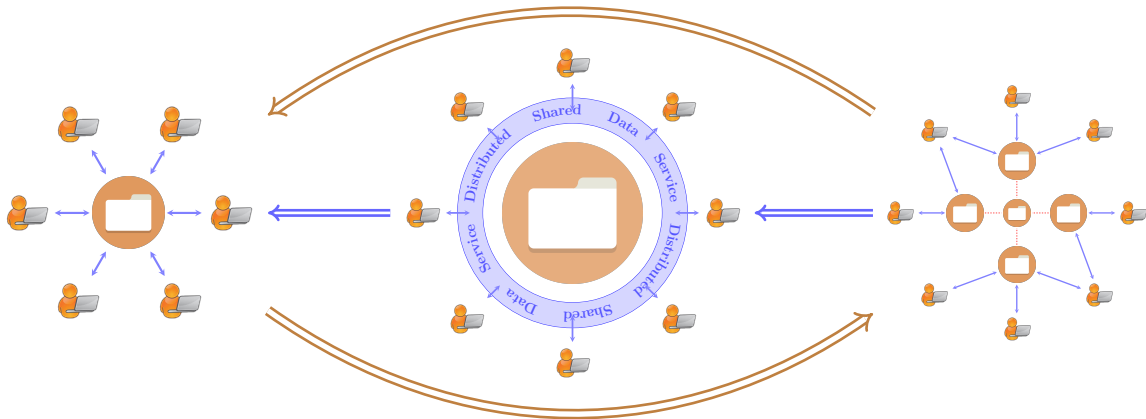**Idea:** distributed data behaves like shared data.

Problem: distributed data consistency problem.