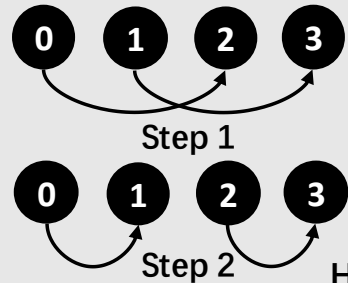
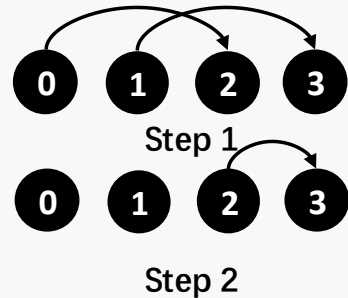


Parameter Server



Collectives/MPI



Hierarchical

P_i Parameter Server i
 i Worker i