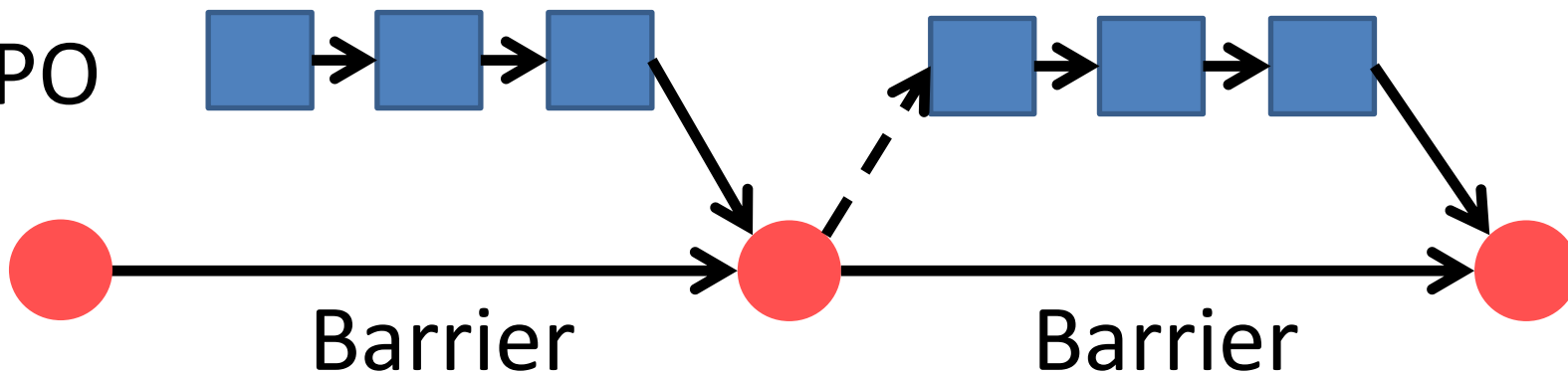
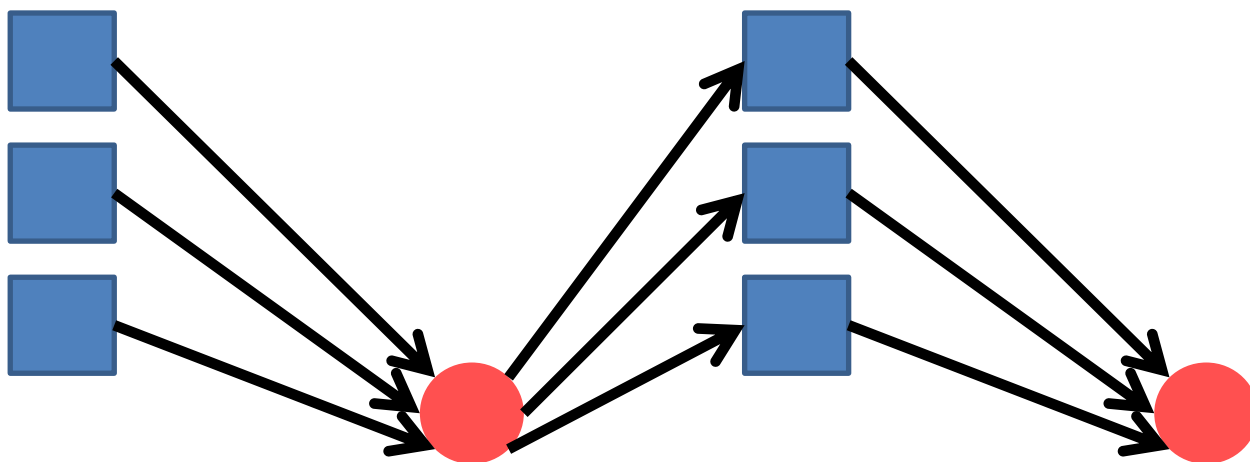


LPO



PEO



Barriers required between epochs