

The above diagram consist of three Processes.

$P_i, P_j \text{ \& } P_k$ Respectively.

Checkpoint:

A point upto which a system is saved (consistent state).

Process with their Check point

$P_i - c_{i0} \text{ \& } c_{i1}$

$P_j - c_{j0}, c_{j1} \text{ \& } c_{j2}$

$P_k - c_{k0}, c_{k1} \text{ \& } c_{k2}$

Due to the an event(s) there is a flow of message among the processes.