

INTERPROCESS COMMUNICATION

An operating system provides the means for co-operating process to communicate for each other via an inter process communication facility

- ICP provide the mechanism to allow to process to communicate & to synchronize their action without sharing same address space
- ICP is best provides by a message passing system & it can be defined in many ways

Message Passing System :-

-->Naming

--> Direct

--> Symmetric

-->Asymmetric

-->Indirect

-->Blocking Send

-->Blocking Receive

-->NonBlocking Send

-->Nonblocking Receive

-->Buffering

-->Zero capacity

-->Bounded

-->Unbounded

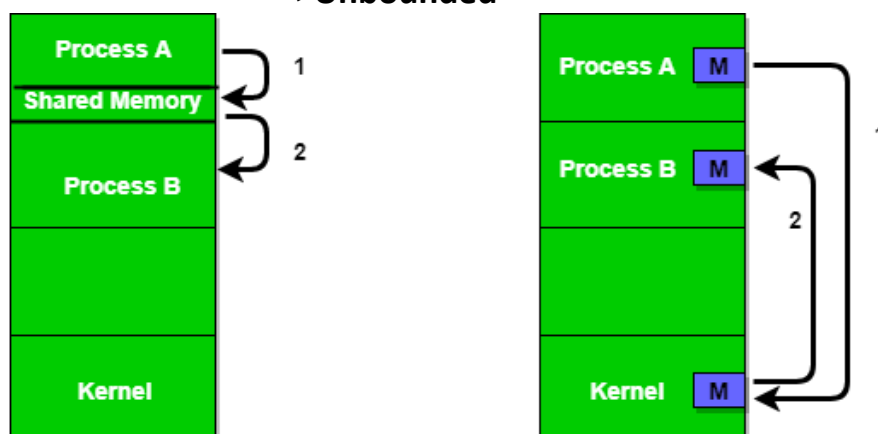


Figure 1 - Shared Memory and Message Passing

By :- Vishal Chavare