

# INTER-PROCESS COMMUNICATION AND SYNCHRONISATION:

## **Lesson-17: RPC**

## RPC (remote procedure call)

- A method used for connecting two remotely placed functions by first using a protocol for connecting the processes. It is used in the cases of distributed tasks

# RTOS

- RTOS can provide for the use of RPCs
- These permits distributed environment for the embedded systems.

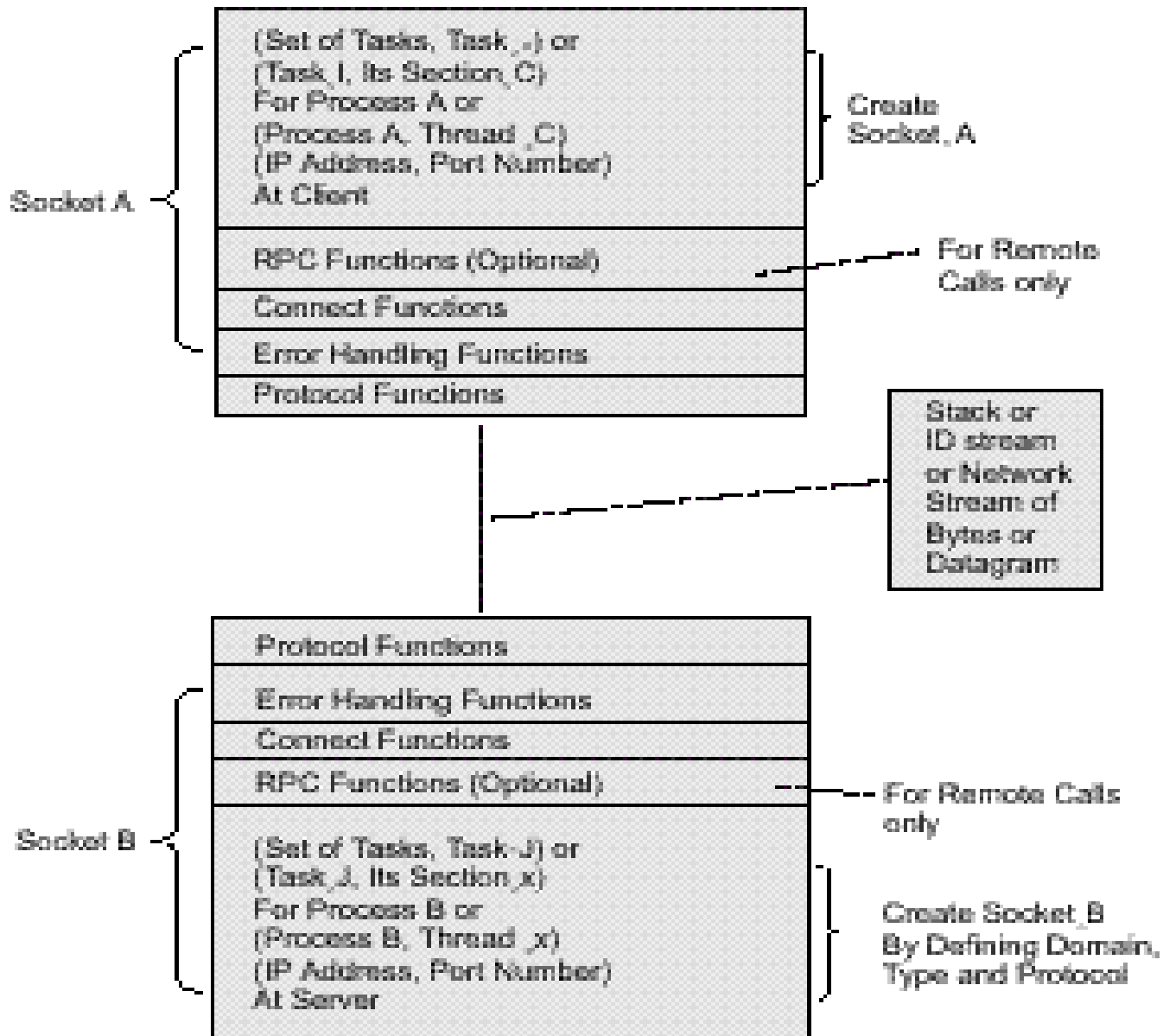
## RPC (remote procedure call)...

- The OS IPC function allows a function or method to run at another address space of shared network or other remote computer.
- The client makes the call to the function that is local or remote and the server response is either remote or local in the call.

# Remote Procedure Call (RPC)

- Both systems work in the peer-to-peer communication mode. Each system in peer-to-peer mode can make an RPC.
- An RPC permits remote invocation of the processes in the distributed systems.

# Remote Procedure Call (RPC)



# Summary

# We learnt

- Remote procedure calls (RPCs) permits remote invocation of the processes in the distributed systems



# End of Chapter 9 Lesson-17: RPC