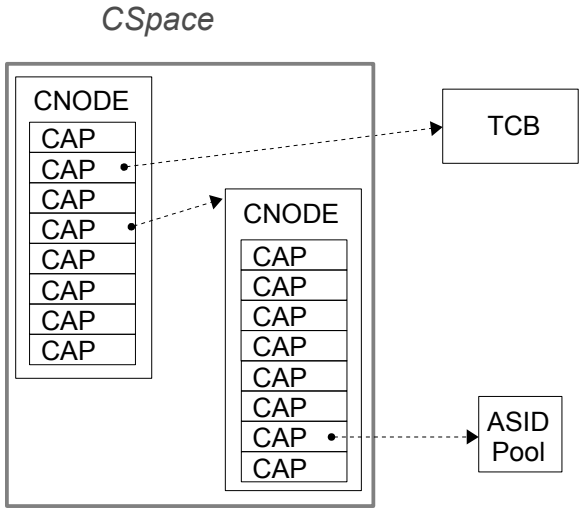
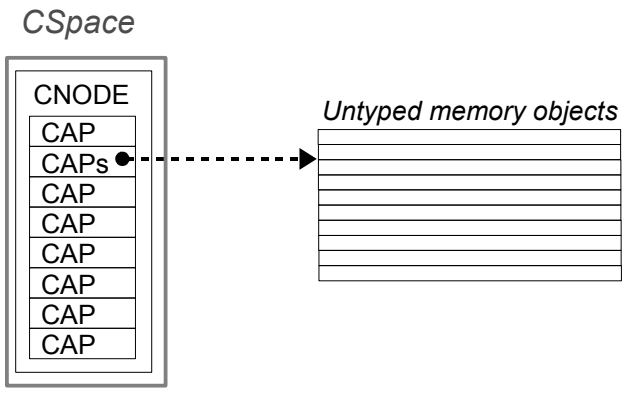
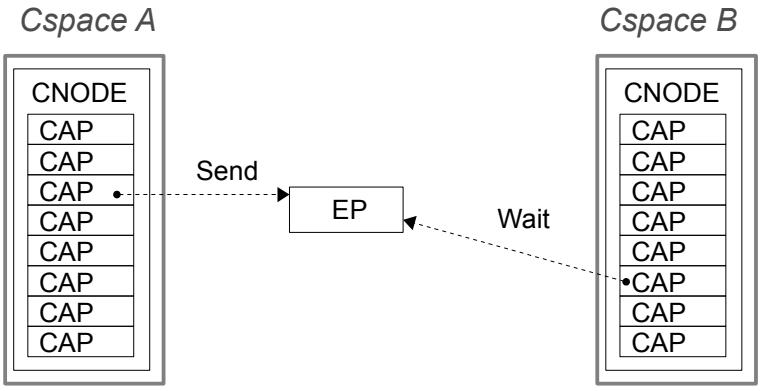
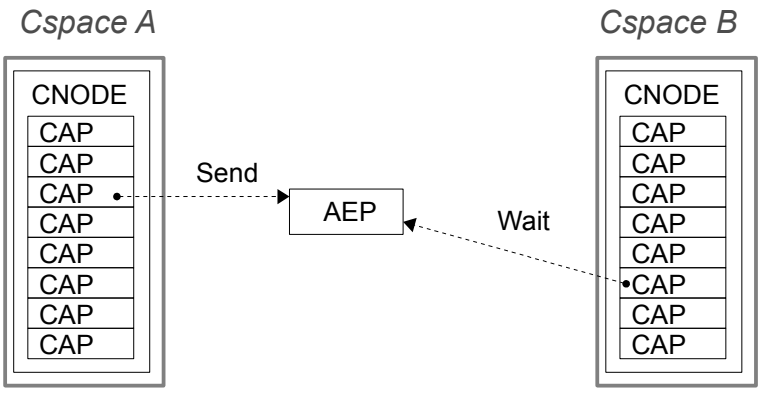
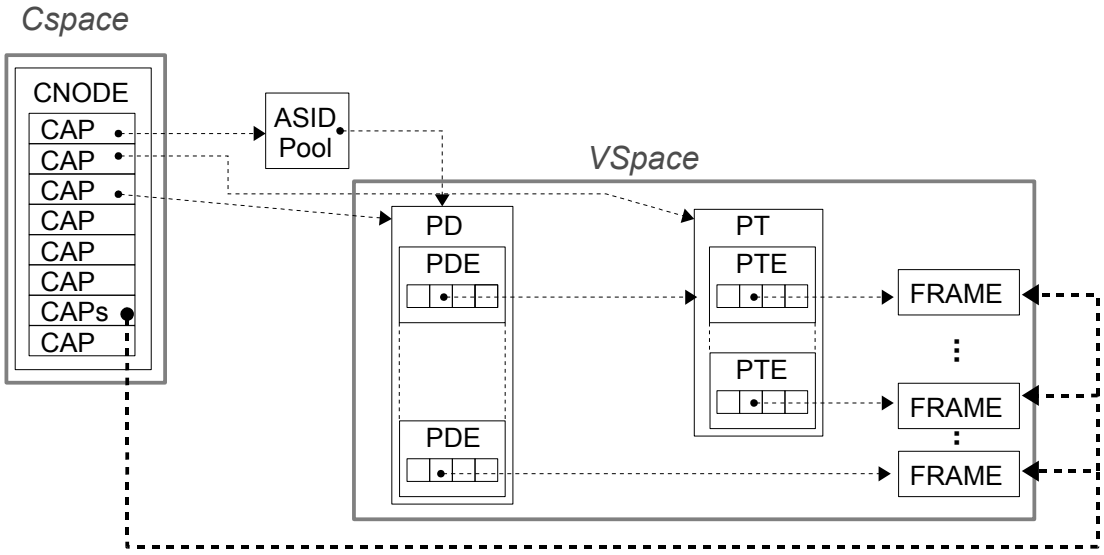
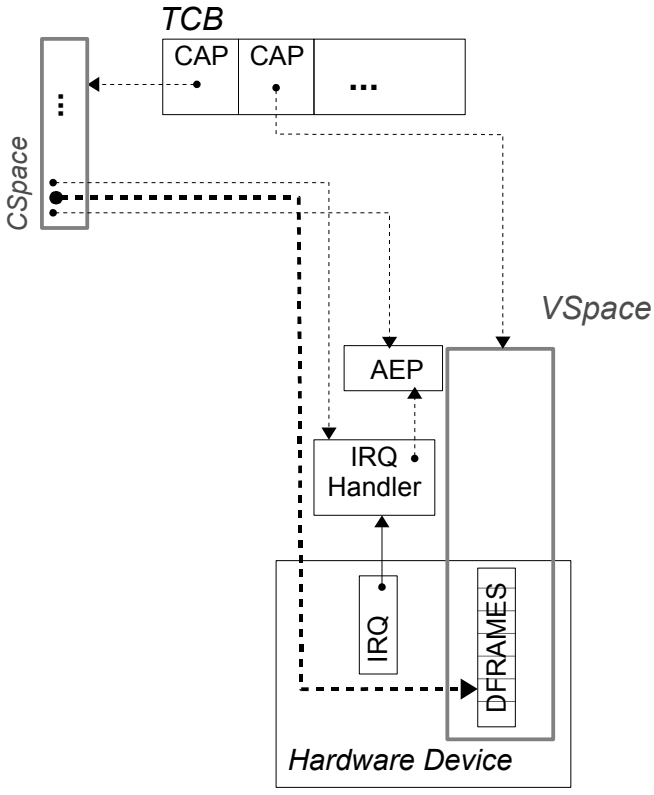

CSpace
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP
TCB
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP
ASID
Pool

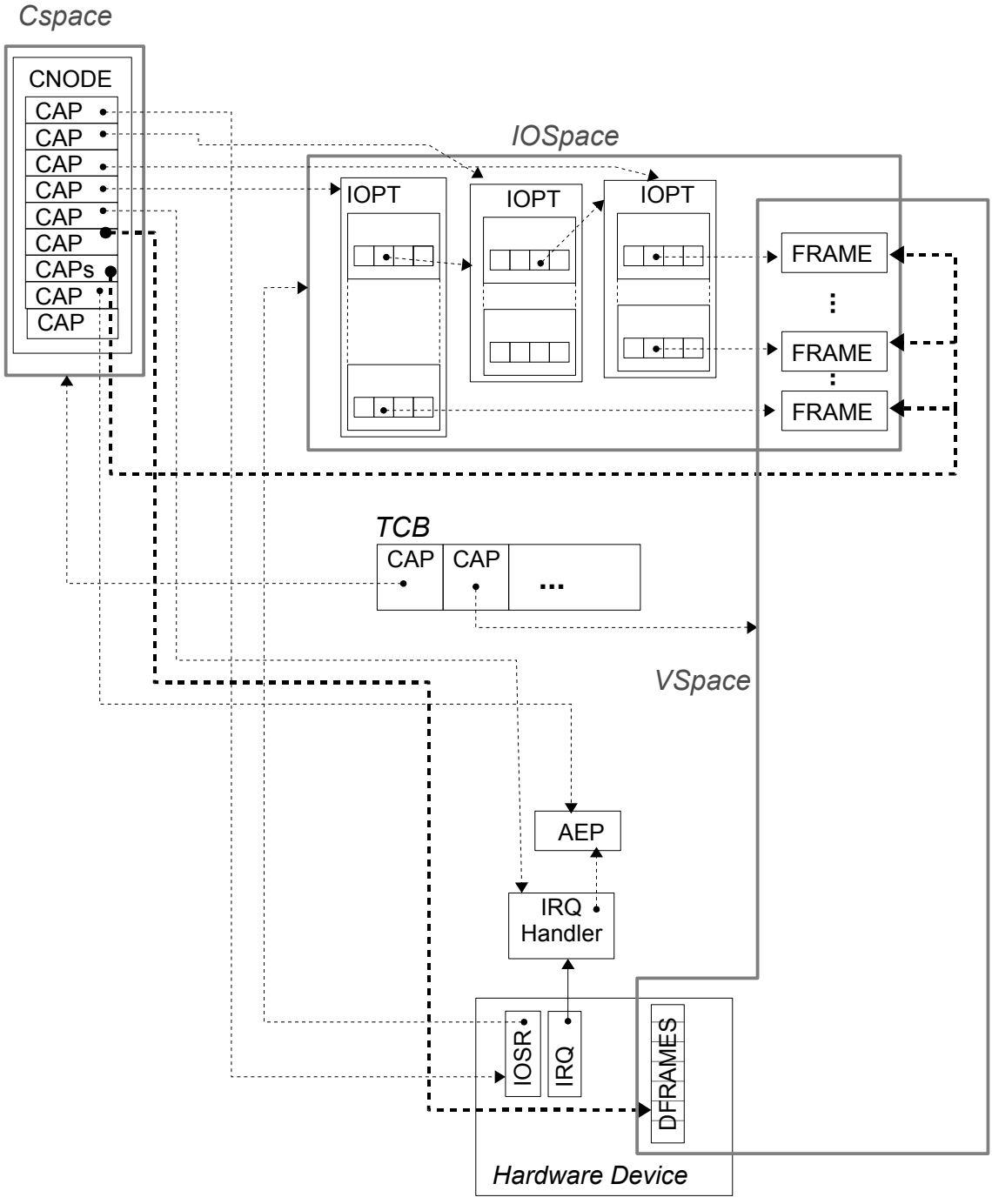

CSpace
CNODE
CAP
CAPs
CAP
CAP
CAP
CAP
CAP
CAP
Untyped memory objects

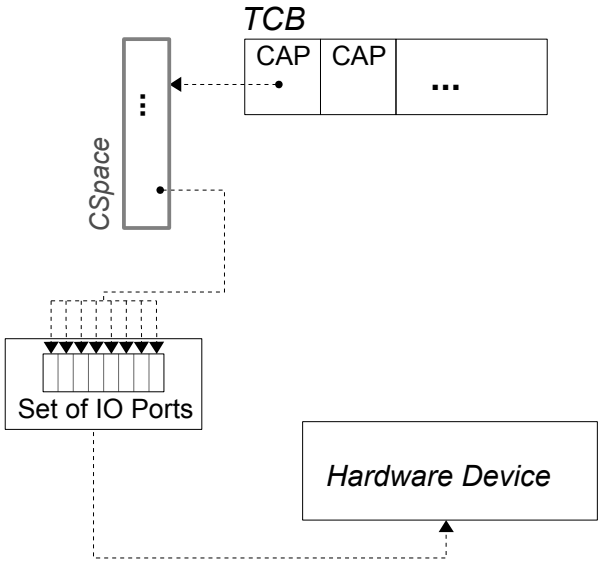

Cspace A
Cspace B
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP
Send
EP
Wait
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP

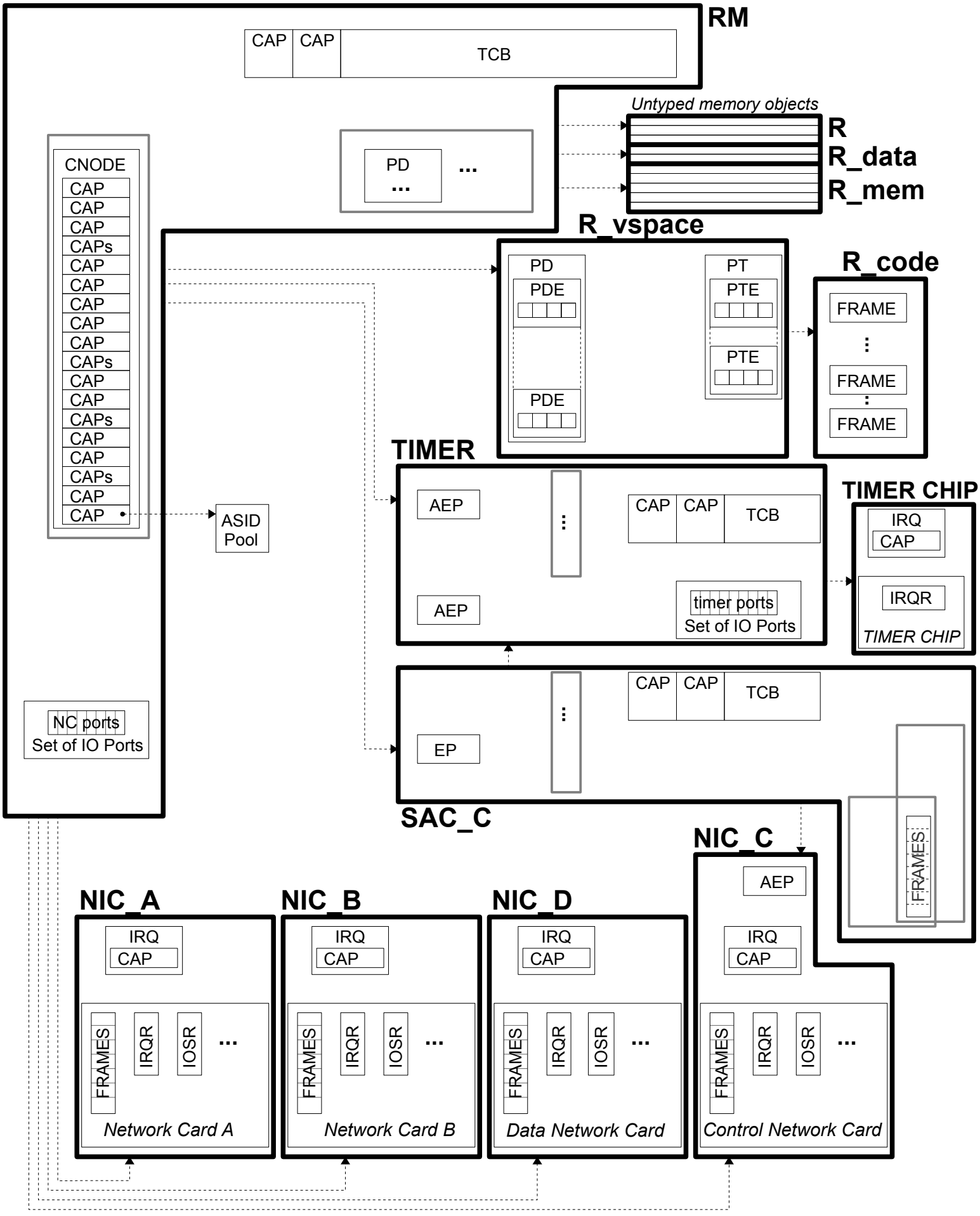

Cspace A
Cspace B
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP
Send
AEP
Wait
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAP
CAP

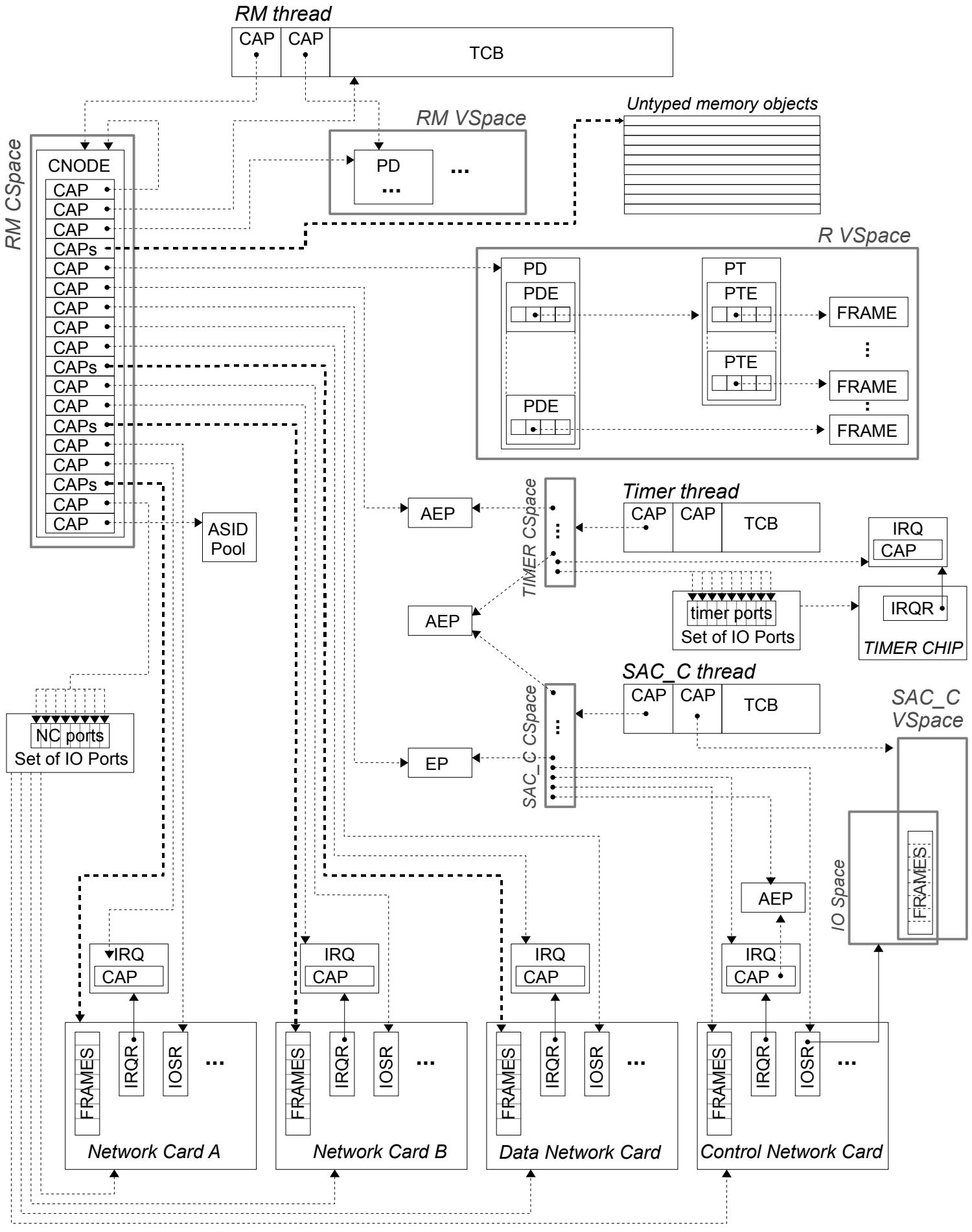

Cspace
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAPs
CAP
ASID
Pool
VSpace
PD
PDE
PDE
PT
PTE
PTE
FRAME
FRAME
FRAME


TCB
CAP
CAP
...
CSpace
VSpace
AEP
IRQ
Handler
IRQ
DFRAMES
Hardware Device


Cspace
CNODE
CAP
CAP
CAP
CAP
CAP
CAP
CAPs
CAP
CAP
IOSpace
IOPT
IOPT
IOPT
FRAME
FRAME
FRAME
TCB
CAP
CAP
...
VSpace
AEP
IRQ
Handler
IOSR
IRQ
DFRAMES
Hardware Device


TCB
CAP
CAP
...
CSpace
Set of IO Ports
Hardware Device


RM
CAP
CAP
TCB
Untyped memory objects
R
R_data
R_mem
PD
...
CNODE
CAP
CAPs
R_vspace
PD
PDE
PT
PTE
R_code
FRAME
ASID Pool
TIMER
AEP
TIMER CHIP
IRQ
IRQR
timer ports
Set of IO Ports
TIMER CHIP
NC ports
Set of IO Ports
EP
SAC_C
NIC_C
NIC_A
NIC_B
NIC_D
FRAMES
IRQR
IOSR
Network Card A
Network Card B
Data Network Card
Control Network Card



IOSR = IOSpace Root Pointer
IRQR = IRQ register reference