

Cubas ComStack Configuration Example

Connection 1

DiagRxPduR2Dcm →
PHYSICAL

DiagRxFuncPduR2Dcm →
FUNCTIONAL

Path: Rx CanTp → Dcm
Dest: DiagRxPduR2Dcm
Src: DiagRxCanTp2PduR

Path: RxFunc CanTp → Dcm
Dest: DiagRxFuncPduR2Dcm
Src: DiagRxFuncCanTp2PduR

Channel 0

DiagRxCanTp2PduR
DiagRxCanIf2CanTp
FC: DiagTxCanTp2CanIf

Channel 1

DiagRxFuncCanTp2PduR
DiagRxFuncCanIf2CanTp

CanIf Init → CanIf Rx Pdu Configs:

DiagRx →CAN ID
DiagRxCanIf2CanTp

DiagRxFunc→CAN ID
DiagRxFuncCanIf2CanTp

CanIfRx
CanIfRxFunc

CanIf Init → InitHoh Hrh Configs:

CanIfRx → Can's DiagRx
CanIfRxFunc →DiagRxFunc

Can Hardware Objects:

DiagRx →CAN ID

DiagRxFunc→CAN ID

Tx (Response)

Connection 1

DiagTxDcm2PduR

Path: Tx Dcm → CanTp
Dest: DiagTxPduR2CanTp
Src: DiagTxDcm2PduR

Channel 0

DiagTxPduR2CanTp
DiagTxCanTp2CanIf
FC: DiagRxCanIf2CanTp

CanIf Init → CanIf Tx Pdu Configs:

DiagTx →CAN ID
DiagTxCanTp2CanIf

CanIfTx

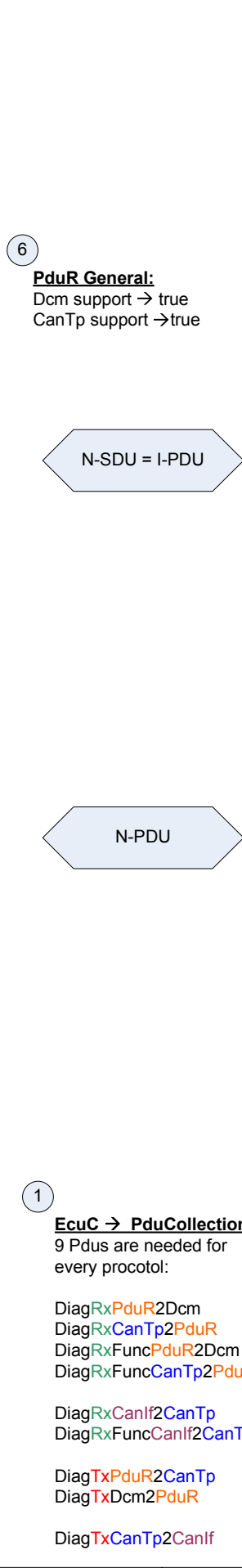
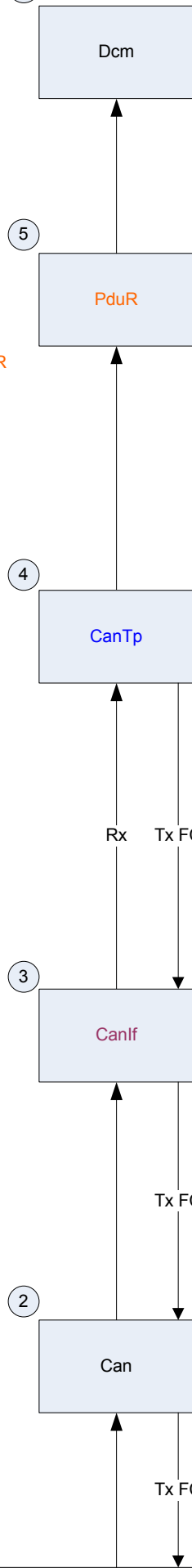
CanIf Init → InitHoh Hth Configs:

CanIfTx →Can's DiagTx

Can Hardware Objects:

DiagTx →CAN ID

Rx (Request)



6 **PduR General:**
Dcm support → true
CanTp support →true

N-SDU = I-PDU

N-PDU

1 **EcuC → PduCollection**
9 Pdus are needed for
every protocol:

DiagRxPduR2Dcm
DiagRxCanTp2PduR
DiagRxFuncPduR2Dcm
DiagRxFuncCanTp2PduR

DiagRxCanIf2CanTp
DiagRxFuncCanIf2CanTp

DiagTxPduR2CanTp
DiagTxDcm2PduR

DiagTxCanTp2CanIf