# Node for node Hierarchy

This shows what sub-nodes each node-type can have as children.

SCN

TC

SCN

UC

UC

UF

FC

UF

AEP

AE

CanPD

Seg

UF

Comp

AE

Comp  
Code

AEP

UC

CanPD

Msg

Sig

CanMsgSig

Addr

CanMsgSig

# Tree Hierarchy

You can’t move against the stream: i.e from an FC to a UF to an APE.   
Entities that were added in the selected workspace are expandable.  
Entities that already existed and where only linked to a newly created entity are not expandable.

Seg

CanPD

AEP

AE

Comp

Comp  
Code

Sig

Msg

CanMsgSig

Addr

TC

UC

FC

UF

SCN

# Top Level Nodes

This shows what node-types can be at root level of the commit tree.

UF

UC

FC

SCN

TC

Comp

AE

Msg

Addr

CanMsgSig

Sig

Seg

# Commit Tree Example

*8* represents linking of existing entity.  
*+* represents linking of newly created entity.

* + *~*AE18
    - *+* AEP(TX)
      * *8* Red
      * *+* CanPD
        + *+* CanMsgSig

*+* VDC2

*8* SteeringWheelAngle

* + - * + *8* A
  + *~*AE300
    - *+* AEP (RX)
      * *8* UF17
      * *8* Red
      * *+* CanPD
        + *+* CanMsgSig

*+* VDC2

*8* SteeringWheelAngle

* + - * + *8* A
  + + UC33
    - *8* UF17
  + *+* CanMsgSig
    - *+* VDC2
    - *+* SteeringWheelAngle