



- Select the board ID of the boards with Analog Input channels (1)
  - DEWE2 chassis: Board in first slot has BoardID 0
  - DEWE3 CC-V1 chassis: Board in first slot has BoardID 0
  - DEWE3 CC-V2 chassis: Board in first slot has BoardID 1 (Chassis Controller hardware has BoardID 0)
  - TRIONet and TRIONet3
    - BoardIDs of TRIONet depend on the number of boards in the chassis the TRIONet(3) is connected to. BoardID of the Board in TRIONet(3) slot1 is always i+1 where i is the BoardID of the last TRION board in the host chassis
    - When using DEWE3 with CC-V1: The CC-V1 board is listed twice with boardID i and BoardID i+1 where i is again the BoardID of the last TRION board in the host chassis
      - I.e. DEWE3-PA8 with 3 TRION boards in slot 1, 2 ,3; TRIONet with 2 TRION boards connected va USB or LAN
      - PA8 TRION Board in slot 1: BoardID 0
      - PA8 TRION Board in slot 2: BoardID 1
      - PA8 TRION Board in slot 3: BoardID 2
      - CC-V1 gets BoardID 3 and 4
      - TRIONet TRION board in slot 1: Board ID5
      - TRIONet TRION board in slot 2: Board ID6
- Select the number of active channels (2)
  - 4 channels are active per default
  - Deacticate channels by right clicking on ist number and selecting "Delete element"
- Select Sync Settings (3)
  - When opening the VI on a Chassis which acts as Sync Master select "Standalone/SYNC-Master"
  - When opening the VI on a Chassis whihc acts as Sync Slave select "SYNC-Slave"
- How to proceed when synchronizing a TRIONet(3) which is connected via LAN or USB to a host system
  - Host chassis must be Sync master for the TRIONet(3) and Sync-Cable must be connected properly:
    - SYNC-OUT on host chassis --> SYNC-IN on TRIONet(3)
  - Select desired TRIONet(3) BoardID (1)
  - Deactivate channels if needed (2)
  - Select "SYNC-Slave" in SYNC Settings (3)
  - Enter the IP adress and the subnet mask of the Ethernet port of the host chassis where the TRIONet(3) is connected to in the TRIONet Settings (4)
  - In case of problems make sure that the Firewall is configured properly!
- Press "Run" (5) to start the example
  - When testing a Sync topotlogy consisting of several chassis, the VI must be started first on the Sync slave chassis and only afterwards the VI must be started on the Sync master chassis