**?** Question

- o I followed the instructions in the User guide to import DBC file
- o I see that the system tree in the project gets updated with the contents of the DBC
- o But the BSW modules are not configured accordingly in ECU
- o BSW modules tree is empty and that is not expected after a DBC import
- o Is DBC import, ECU extract import possible with an evaluation license?

- o During import of a DBC file some EcuC values are not updated:
- o In **ECU Configurator → AUTOSAR_CAN [Project] → System → Pdus**
  - o There are several **Pdus** displayed, for example "BMS_BatteryMeasure_Rx"
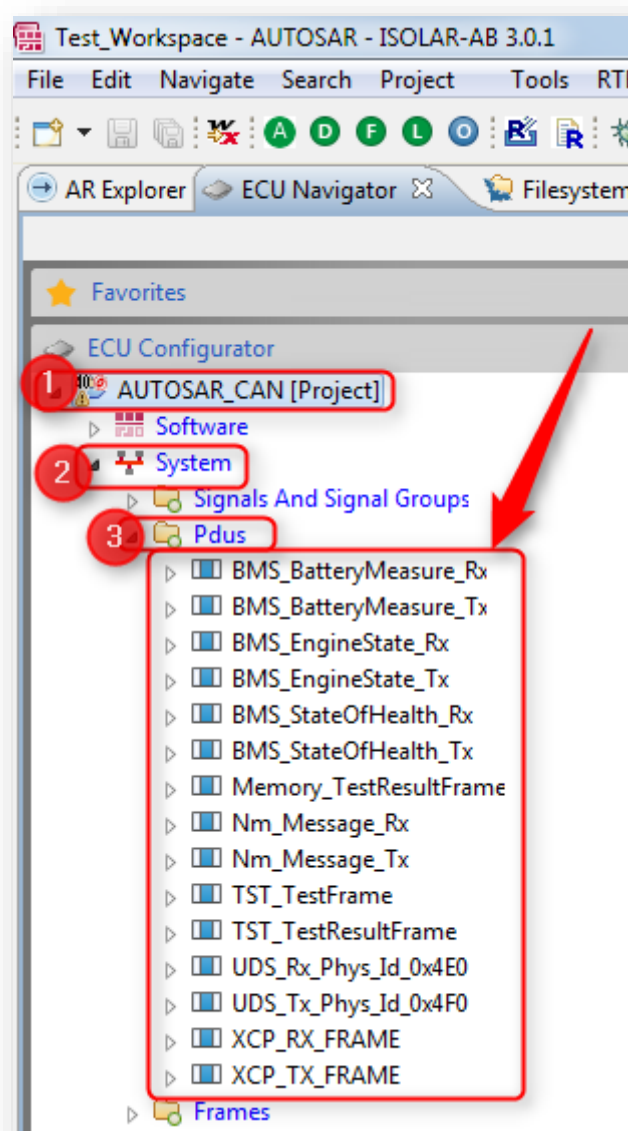
o In **ECU Configurator → AUTOSAR_CAN [Project] → Bsw Modules → Other Modules → EcuC "EcuC" → EcuPduCollection "EcucPduCollection" → Pdus**
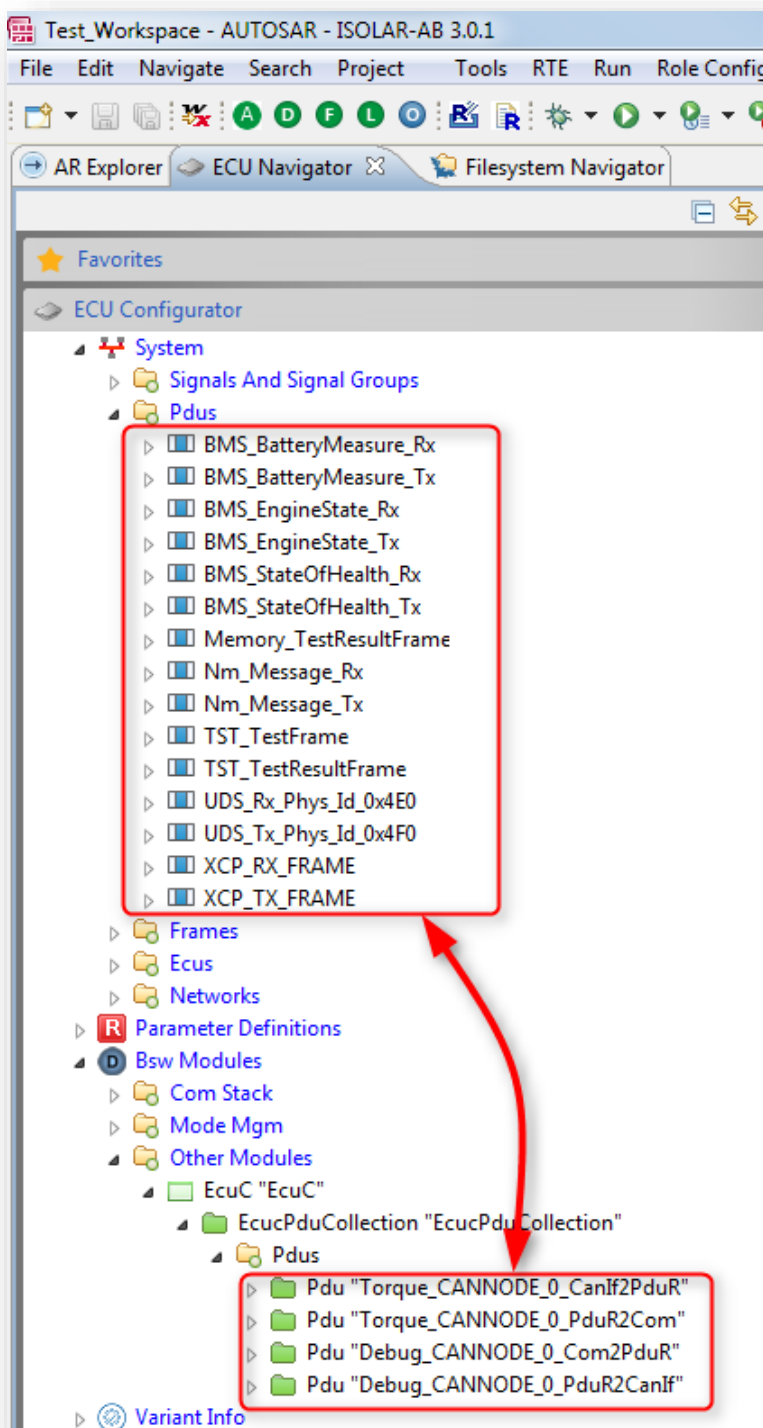


o There are several Pdus displayed but **not** the "BMS_BatteryMeasure_Rx"
o The Pdus which are displayed in **ECU Configurator → AUTOSAR_CAN [Project] → System → Pdus** are not displayed under **BSW Modules ...**
o The expectation is that the Pdus from **System ...** are displayed under **Bsw Modules ...** as well
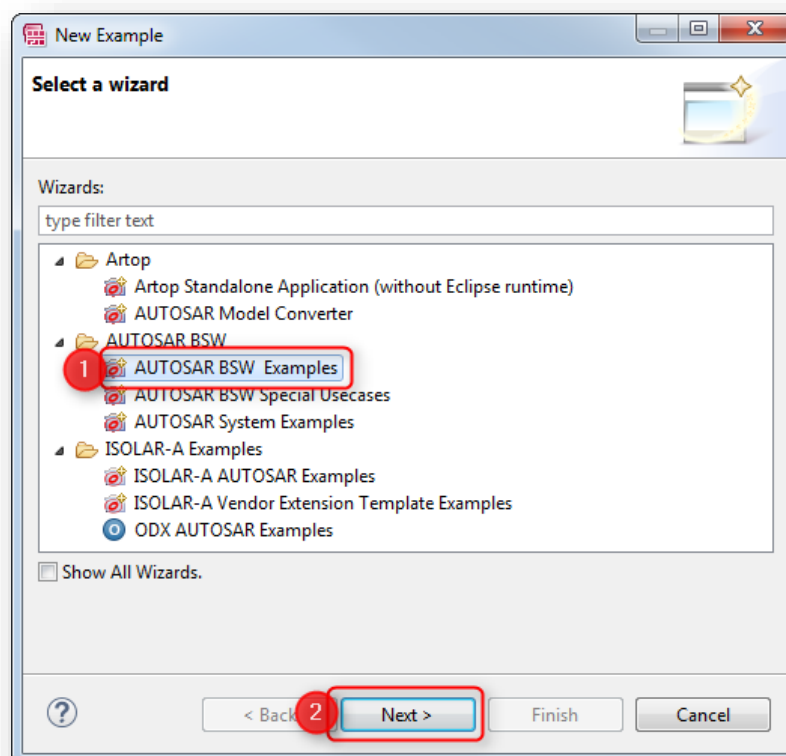
DRIVING EMBEDDED EXCELLENCE

💡 Answer

- o The following instructions start from a new project to the expected result
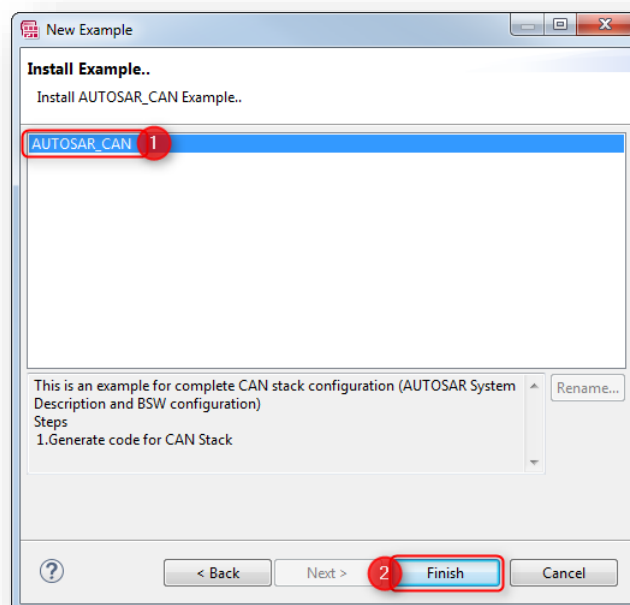  - o Common traps: Step **4** and steps **11 & 12**

1. In **ISOLAR-AB → ECU Navigator → ECU Configurator → Import Example Projects**
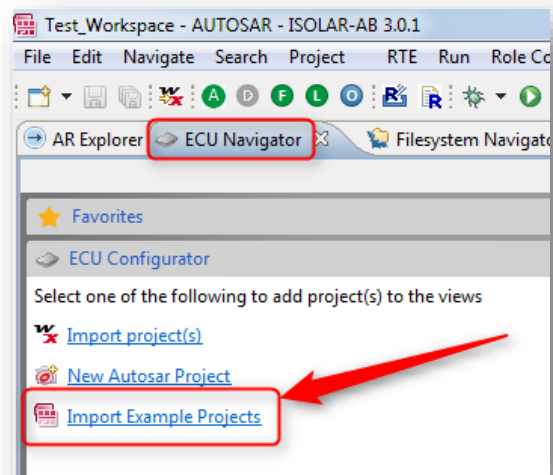


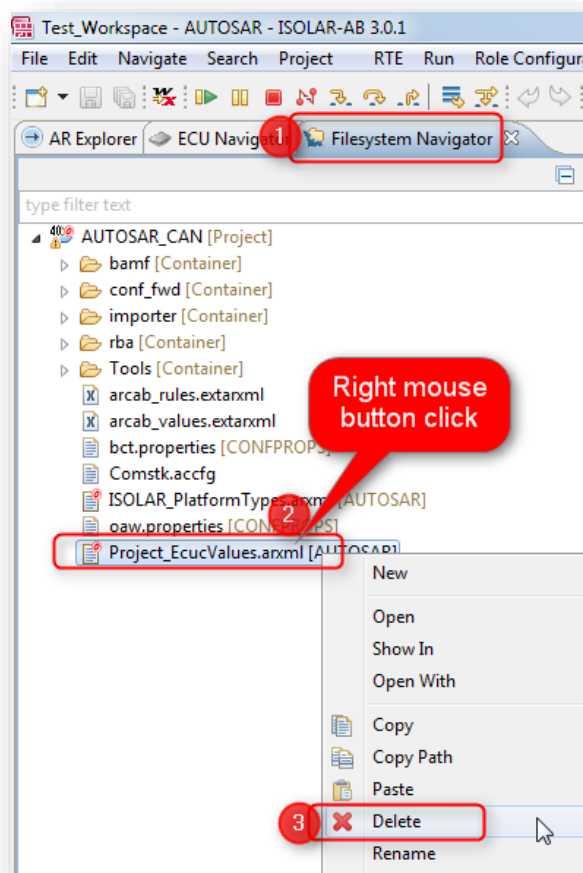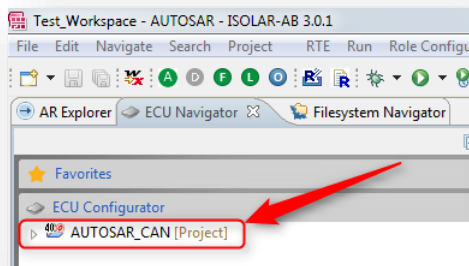2. In dialog **New Example → Under AUTOSAR BSW → Select AUTOSAR BSW Examples → Click Next > button**

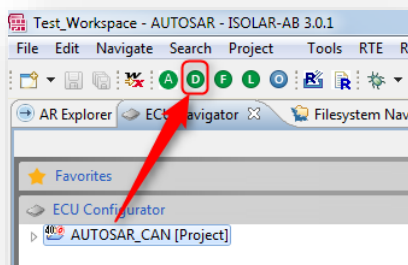3. On next page → Select **AUTOSAR_CAN** → Click **Finish** button



4. In view **Filesystem Navigator** → **AUTOSAR_CAN** → **Tools** → **Project_EcucValues.arxml**: Right mouse button click → **Delete**
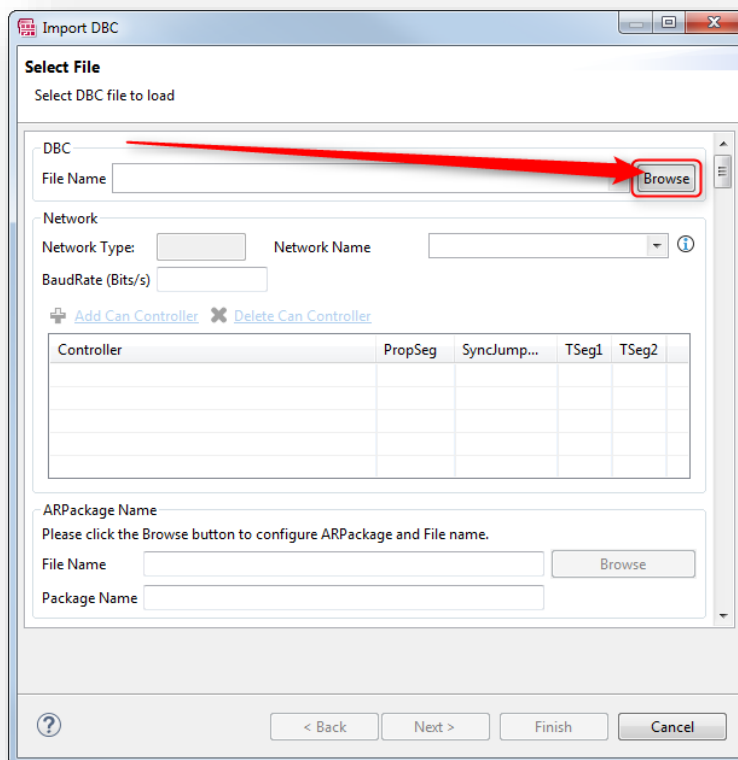
5. In **ECU Configurator** → On newly created project → Left mouse button click
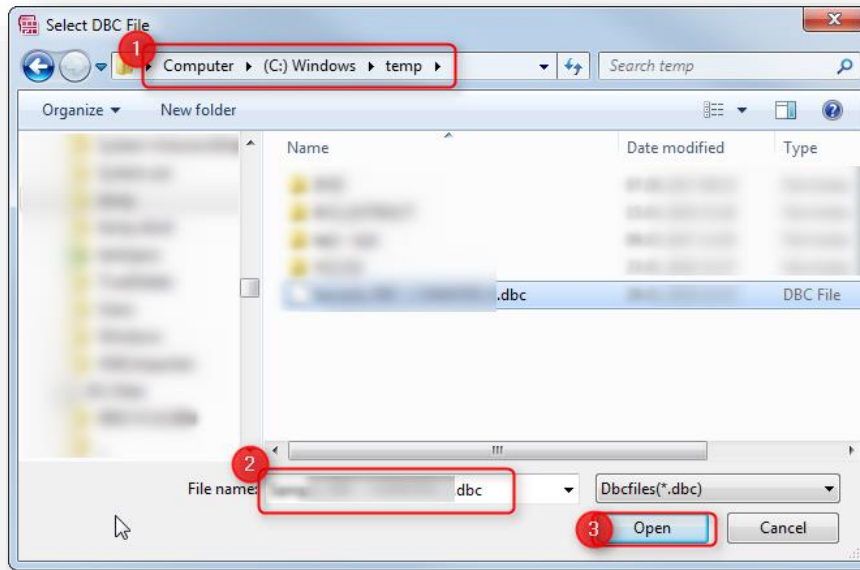
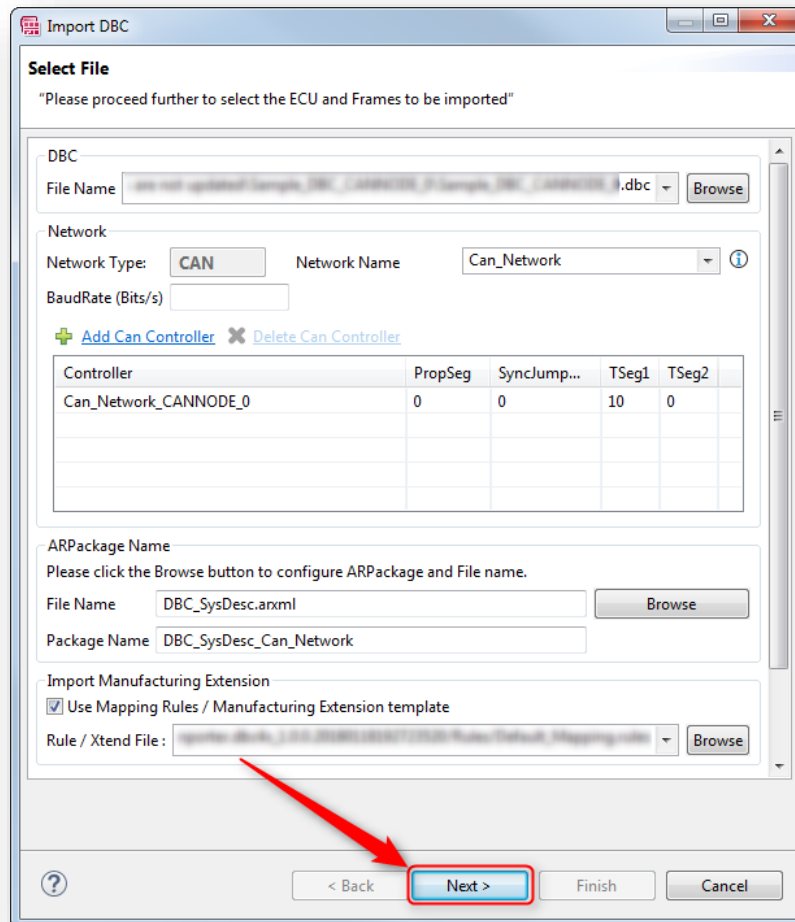

6. In icon bar → Click **DBC Importer** icon



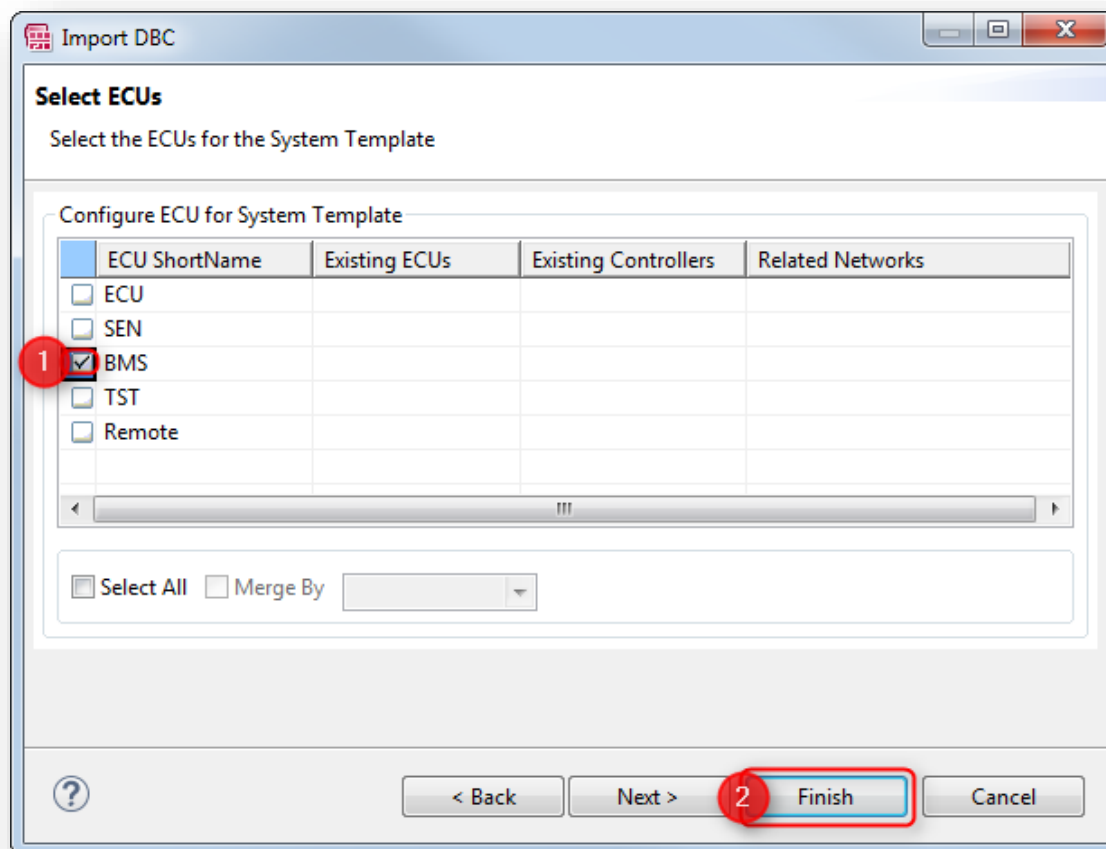7. In dialog **Import DBC** → Panel **DBC** → Click **Browse** button

8.  In dialog **Select DBC File** → Navigate to DBC file → Click **Open** button
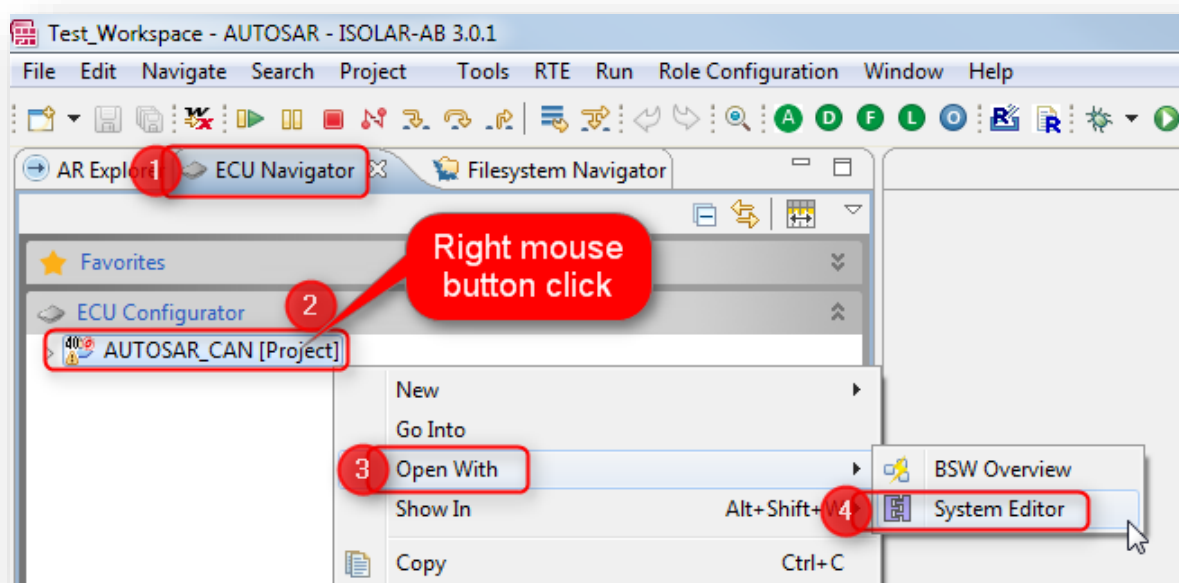


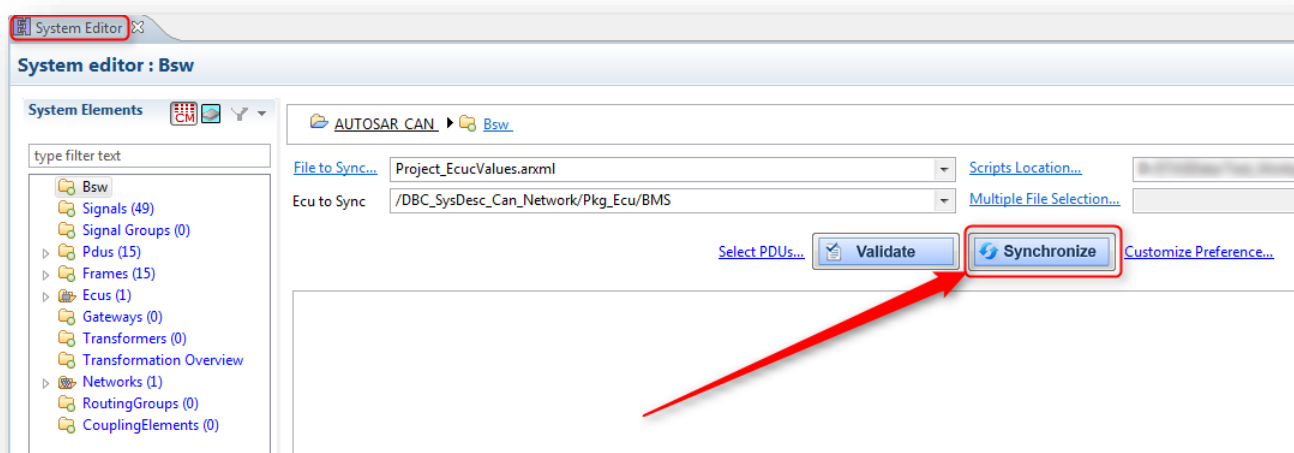9.  Back in dialog **Import DBC** → Click **Next >** button

10. On next page → Panel **Configure ECU for System Template** → Click in square on the left side of **BMS** → Click **Finish** button



11. In view **ECU Navigator** → **AUTOSAR_CAN [Project]**: Right mouse button click → **Open With** → **System Editor**
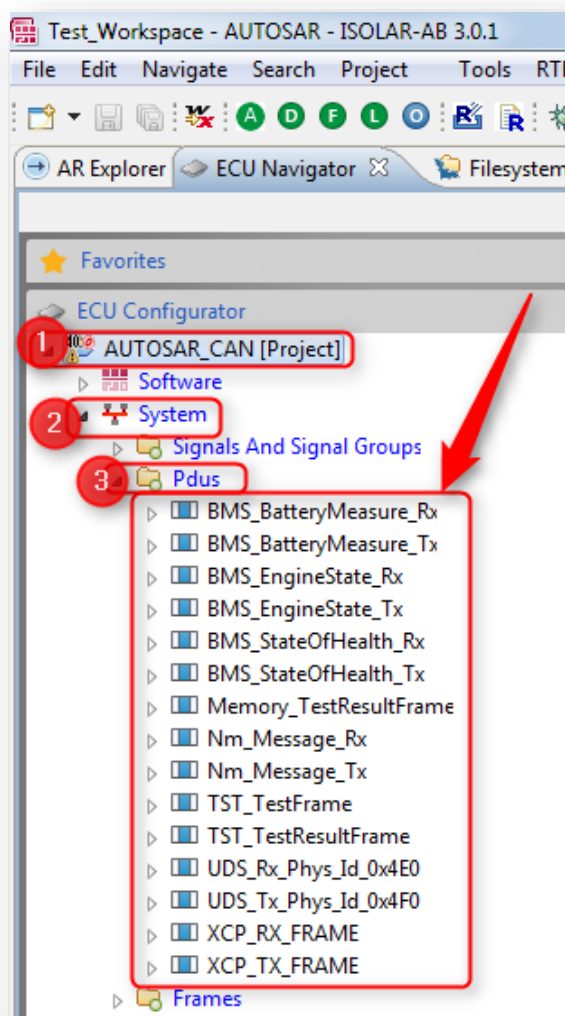
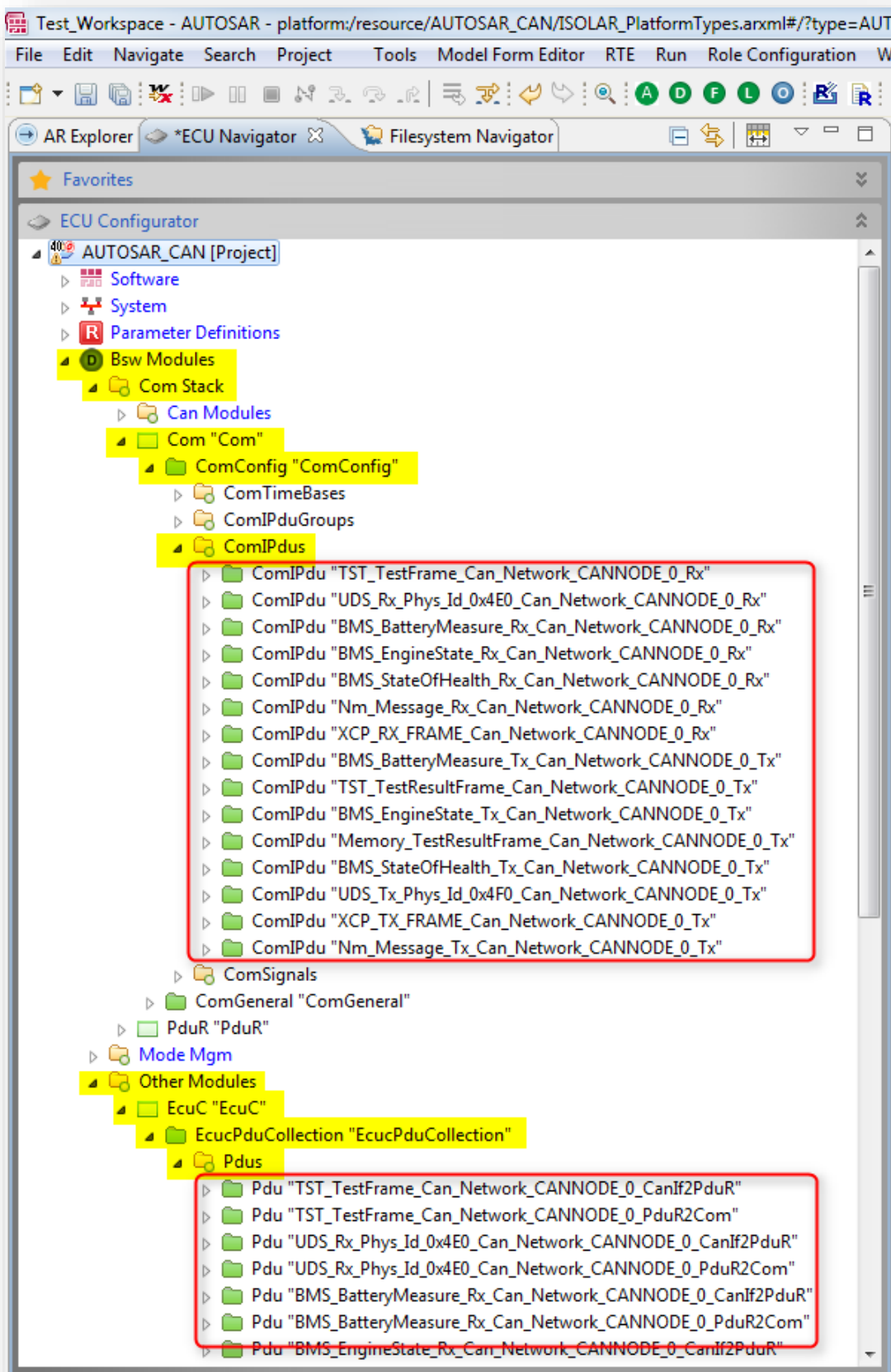12. In view **System Editor** → Click **Synchronize** button



13. In **ECU Configurator** → **AUTOSAR_CAN [Project]** → **System** → **Pdus**

o   There are several Pdus displayed, for example "BMS_BatteryMeasure_Rx"

o In **ECU Configurator → AUTOSAR_CAN [Project] → Bsw Modules → Other Modules → EcuC "EcuC" → EcuPduCollection "EcucPduCollection" → Pdus**



o **BSW Modules** are configured: BSW Modules tree is not empty

**Do you still have questions?**

- You will find **further FAQ articles** on the ETAS homepage: www.etas.com/en/faq
- **Movies** corresponding to FAQ articles can be found on the ETAS YouTube channel
- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: http://www.etas.com/en/hotlines.php
- Direct URL of this FAQ article:
- https://www.etas.com/download-center-files/products_ISOLAR-A/faq_596175548_en_isolar-ab-importing_dbc-ecuc_values_are_not_updated.pdf