

ISOLAR-A: Create and map many RTE Ports for CAN



- Is it possible to have an automatic mapping between BSW and RTE after a DBC import?
- Actually we create for every single signal (several hundred in total) an RTE port manually
- Do have any tool to make the work more efficient?

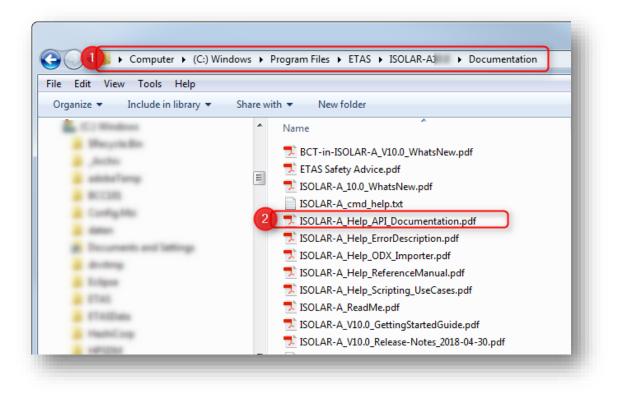
Use case: After DBC import we want ...

- 1. Ports to be created in the component automatically and
- 2. Signals mapped to the corresponding ports automatically



For Step 1: Ports to be created automatically

- You can write scripts for creating ports
- Please refer the help for writing scripts
 - In <ISOLAR-A_installation_directory>/Documentation → Open the pdf file ISOLAR-A_Help_API_Documentation.pdf



- You may find useful information in the other documentation files as well
- For example: **ISOLAR-A_Help_Scripting_UseCases.pdf**

2018-05-29

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For Step 2: Map signals to ports automatically

- You can use the **Auto Signal Mapping** wizard
 - In **ISOLAR-A** \rightarrow **AR Explorer** \rightarrow AUTOSAR project \rightarrow **System** \rightarrow **System Info** \rightarrow On the system: Click **right mouse button**

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 \circ In dialog **AutoSignalMapping Wizard** \rightarrow Click **question mark** button

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• On the right hand site: Find further information regarding the AutoSignalMapping Wizard

SignalMapping Computation Options This page helps to choose the computation algorithm for achieving faster population of data element to signal	Contents 🌮 Search 🗠 Related Topics 💷 Bookmarks 🎆 Index ISOLAR-A User Guide > Wizards & Dialogs > Auto Generation		
Signal Mapping Computation Options Mapping Type: SenderReceiverToSig Filter Components	AutoSignalMapping Wizard		
SignalMapping Computation Option © Use AR Compatibility algorithm © Use Naming Rules Naming Rules ✓ Also check AR Compatibility on filt Configure Rules	Table of Contents AutoSignalMapping Wizard Introduction SignalMapping Computation Options page Conservent Participants Filter Page		
Filter: Image: Rel Search: Image: Rel Search: Rule Name DEP Name Signal Name	Component Prototypes Filter Page AutoSignalMapping Page SignalMapping Overview Page Sender Receiver to Signal Mapping Trigger to Signal Mapping Client Server to Signal Mapping Sender Receiver Composite Element to Signal Mappings		
() < Back Next > Finish Cancel	Introduction AutoSignalMapping wizard can be used to establish Signal Mapping between compatible / name based rule matched Signal and DataElementPrototypes.		

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: <u>http://www.etas.com/en/hotlines.php</u>

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