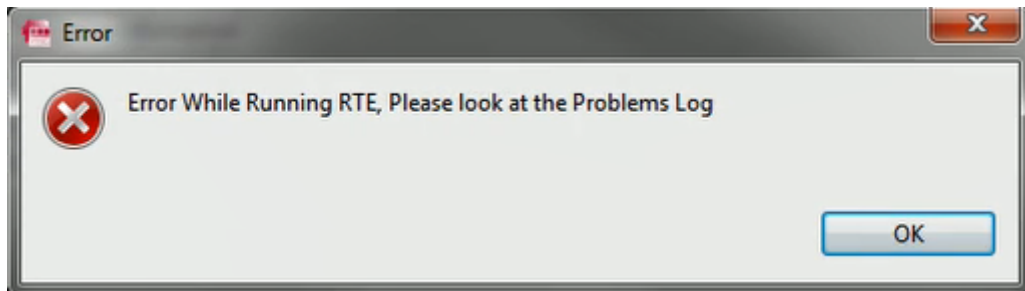


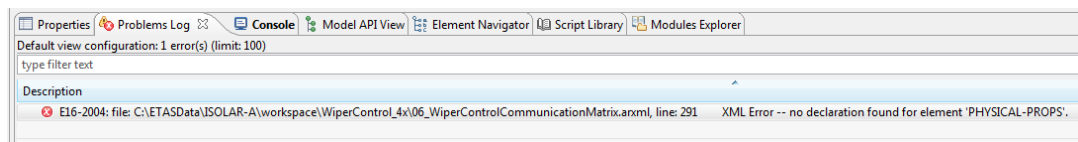


Question:

- Received following error message in ISOLAR-A:



- Error While Running RTE, Please look at the Problems Log*
- In Problems Log:



- E16-2004: file: <file> XML Error -- Unable to load an XML file (usually because of a schema validation failure). The message from the XML parser was 'no declaration found for element 'PHYSICAL-PROPS'.*
- Or (examples of similar error messages):
 - E16-2004: <file> XML Error -- 'no declaration found for element 'CAN-CONTROLLER-FD-ATTRIBUTES'.*
 - E16-2004: <file> XML Error -- 'no declaration found for element 'PROP-SEG'.*
 - E16-2004: <file> -- Unable to load an XML file (usually because of a schema validation failure). The message from the XML parser was: 'no declaration found for element 'DATA-TRANSFORMATION-SET'.*
- How to solve this situation?



Answer:

- Do a text search for the mentioned element in **<RTA-RTE_installation_directory>\bin\Schemas**:
 - For example: Search for *PHYSICAL-PROPS* in the files at **<RTA-RTE_installation_directory>\bin\Schemas**
- If there is no occurrence of this element in these files:
 - Install newest version of **RTA-RTE**



Additional information:

- There are several versions of AUTOSAR
- RTA-RTE comes with schema definitions for this AUTOSAR versions
- The error message means that this schema definitions do not contain any declaration for the mentioned element:
- This happens when:
 - New elements were added to AUTOSAR in newer AUTOSAR versions and you want to use them and
 - The installed schema definitions are from old AUTOSAR versions
- A new schema definition file that fits to the new AUTOSAR version has to be used
- Schema definition files come with RTA-RTE
 - In **<RTA-RTE_installation_directory>\bin\Schemas:**

Name	Date modified	Type	Size
AUTOSAR_4-0-1.xsd	21.09.2016 11:46	XML Schema File	2.471 KB
AUTOSAR_4-0-2.xsd	21.09.2016 11:46	XML Schema File	2.567 KB
AUTOSAR_4-0-3.xsd	21.09.2016 11:46	XML Schema File	3.172 KB
AUTOSAR_4-2-2.xsd	21.09.2016 11:46	XML Schema File	4.834 KB
xml.xsd	21.09.2016 11:46	XML Schema File	5 KB

- Example:
 - "DATA-TRANSFORMATION-SET" are present in AUTOSAR 4.2.1 onwards.
 - You will need the schema definition file which is marked in a red box in the image above
 - The other files are for AUTOSAR 4.0 and do not contain the "DATA-TRANSFORMATION-SET"
 - Older versions of RTA-RTE did not contain that file for AUTOSAR 4.2:

Name	Date modified	Type	Size
AUTOSAR_4-0-1.xsd	10/8/2015 11:55 AM	XSD File	2,471 KB
AUTOSAR_4-0-2.xsd		XSD File	2,567 KB
AUTOSAR_4-0-3.xsd		XSD File	3,172 KB
xml.xsd		XSD File	5 KB

Autosar 4.2 schema not present in RTE

- Further Examples:
 - *PHYSICAL-PROPS*, *CAN-CONTROLLER-FD-ATTRIBUTES* and *PROP-SEG* came with AUTOSAR 4.1.1

- We strongly recommend to **use the newest version** of RTA-RTE



In case of further questions:

- You will find further FAQ here: www.etas.com/en/faq
- 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>

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