



Question:

- Error message when trying to compile code in Simulink™ for INTECRIO Real-Time Target (**IRT.TLC**):

----- IRT_GRT build of model '<model_name>' failed! The IRT build results are not usable within INTECRIO -----

Error: File <matlab_installation_directory>\rtw\clt\c\Vib\utilib.tlc Line: <line_number> Column: <column_number> %exit directive: Simulink Coder Fatal in block: "<model_name>", block type "": Invalid data type struct_<crypticString>



Answer:

1. Make sure that the behavior is related to INTECRIO:
 - a. Select **grt.tlc (Generic Real-Time Target)** as System Target File
 - b. When the behavior still occurs then it is not related to INTECRIO
 - c. When the behavior only occurs when **irt.tlc (INTECRIO Real-Time Target)** is selected then the behavior is related to INTECRIO
 - i. Try one of the following workarounds:
 1. Replace the struct with a Matlab™ variable or a Simulink™ Parameter. This is recommended as **best practise**.
 2. Alternatively, one could convert all input signals to Single



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