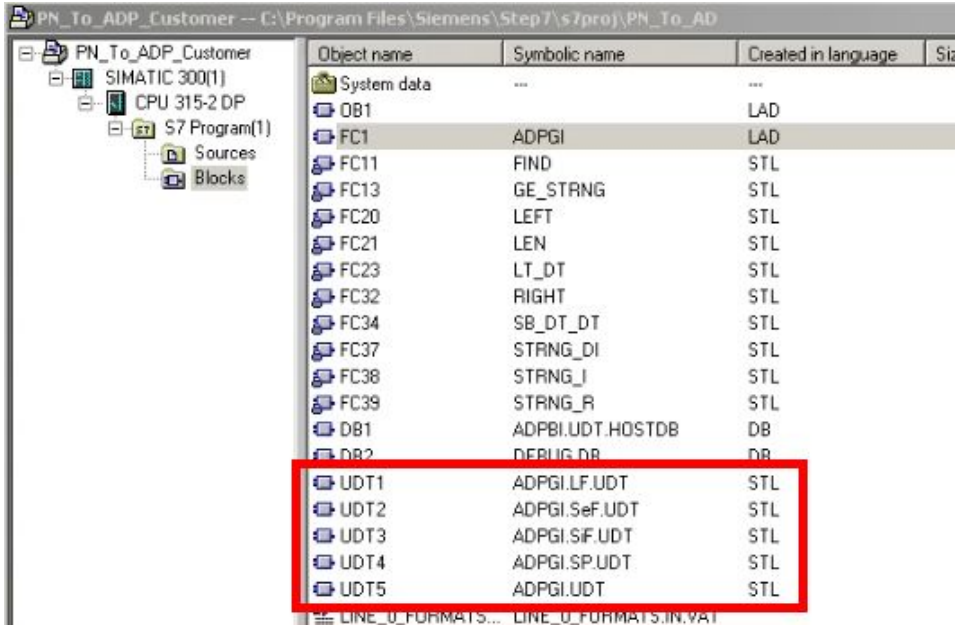
ADP Gateway Interface Integration for Step 7 v5.5/5.6

2024-06-11

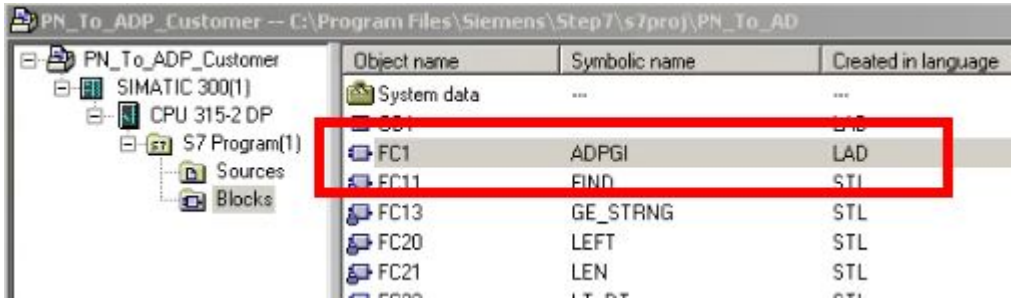
COPY UDTS

1. The following UDTs need to be copied into your project:
   a. UDT1 ADPGI.LF.UDT
   b. UDT2 ADPGI.SeF.UDT
   c. UDT3 ADPGI.SiF.UDT
   d. UDT4 ADPGI.SP.UDT
   e. UDT5 ADPGI.UDT



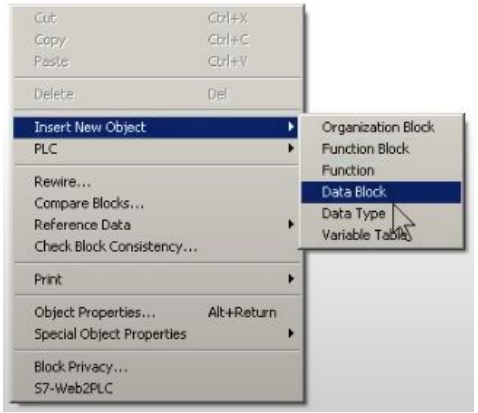
COPY FUNCTION

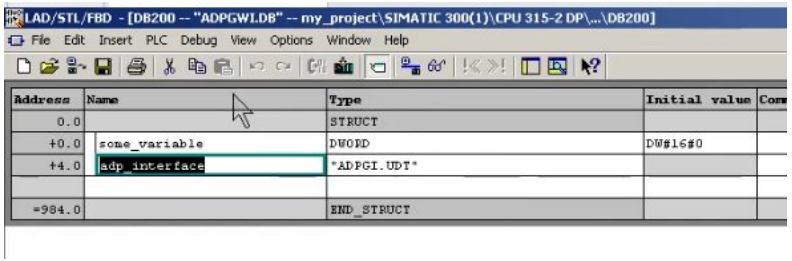
1. There is only one function you'll need to copy over:
   a. FC1 ADPGI



COPY CREATE INTERFACE DATA BLOCK

1. Create a variable to host the interface in either an existing or new data block.
2. The variable's data type needs to be "ADPGI.UDT"





CALL ADPGI

1. Call ADPGI somewhere in your logic.
2. db_number (int) needs to be the data block number in which your interface variable is stored
3. db_offset (int) needs to be the starting byte of your interface variable in the data block it is instantiated.

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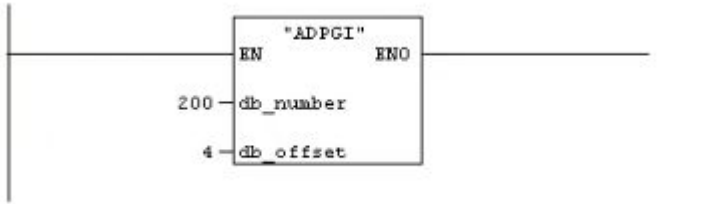

CAUTION: ADPGI WRITES TO 950 CONTIGUOUS OUTPUT BYTES

The variable .hardware_address will be the first of 950 bytes ADPGI will write to. Make sure you have enough output bytes to accommodate the entire message frame.

4.0	adp_interface.hardware_address	DINT	L#0	L#0