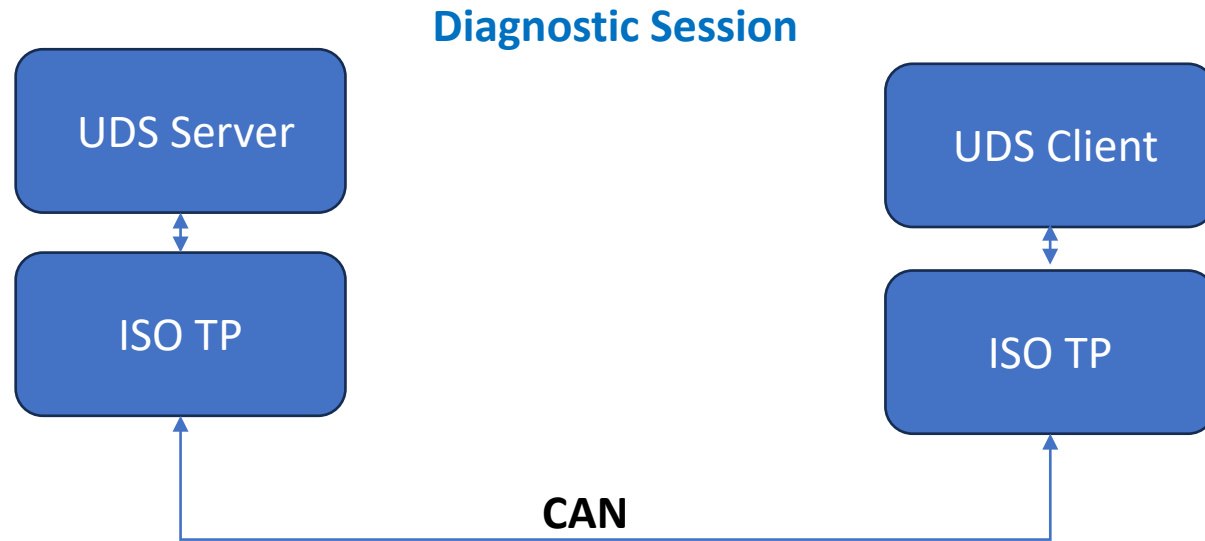
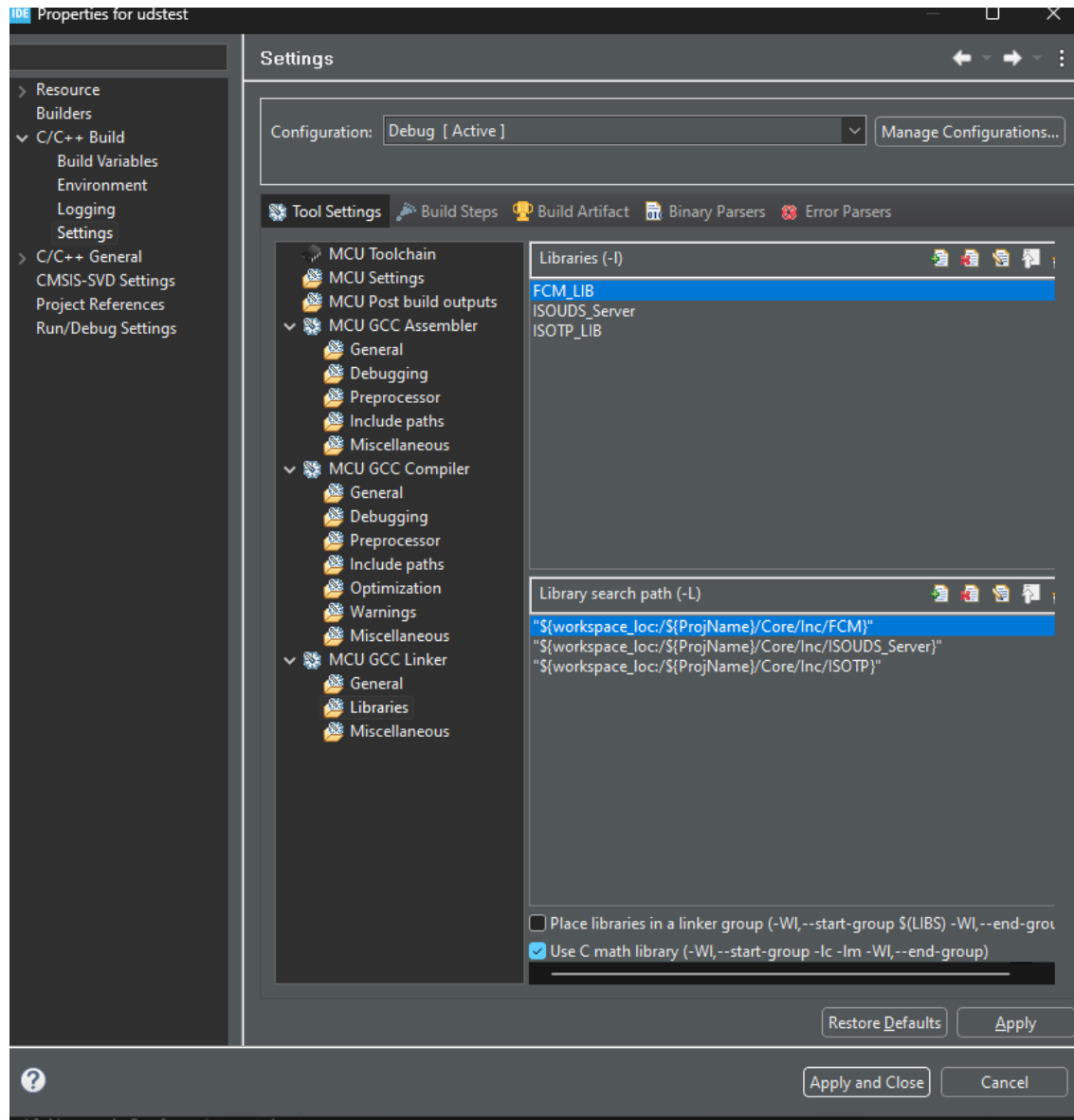


UDS Implementation on TCU System

- Dedicated CAN line for diagnostics
- ISO TP and UDS .c files black boxed
- Library to be integrated into STM32 IDE

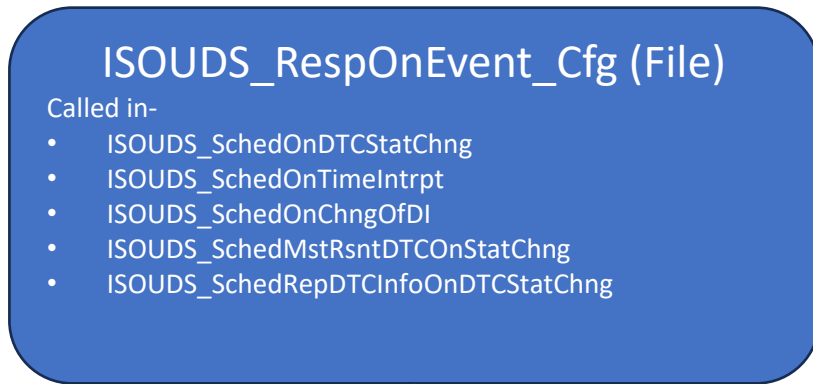




Add UDS Stack under Include folder

Add Library of ISOTP and ISOUDS Server in the linker

CLIENT TO SERVER MESSAGE FLOW



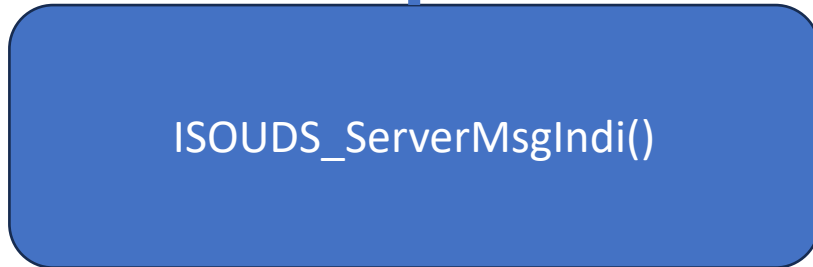
Location –

ISOUDS_Server/ISOUDS_RespOnEvent.c
(Under ISO UDS Main Folder)

ISO 14229 -1

Used in – ISOUDS_RespOnEvent.c
(Under ISO UDS Folder)

Check Item 6.26 of [UDS Manual](#)



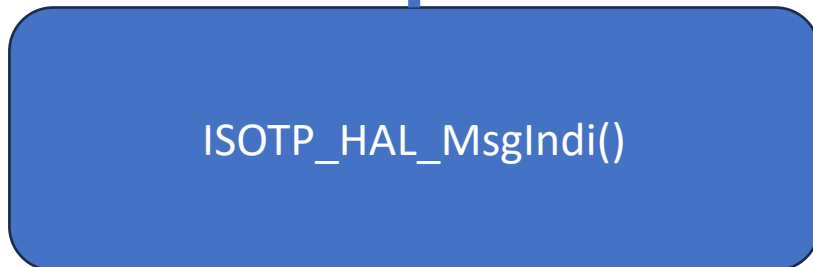
Location –

ISOUDS/ISOUDSServer.h
(Under ISOTP Main Folder)

ISO 15765

Used by – ISOUDSServer.C

This function code is **not visible and black boxed**



Location – ISOTP/CANTp_HAL.c
(Under ISOTP Main Folder)
ISO 15765

**API invoked by the ISO TP layer upon
reception of a complete diagnostic
message**

CAN Line – Handled in main()

SERVER TO CLIENT RESPONSE FLOW

