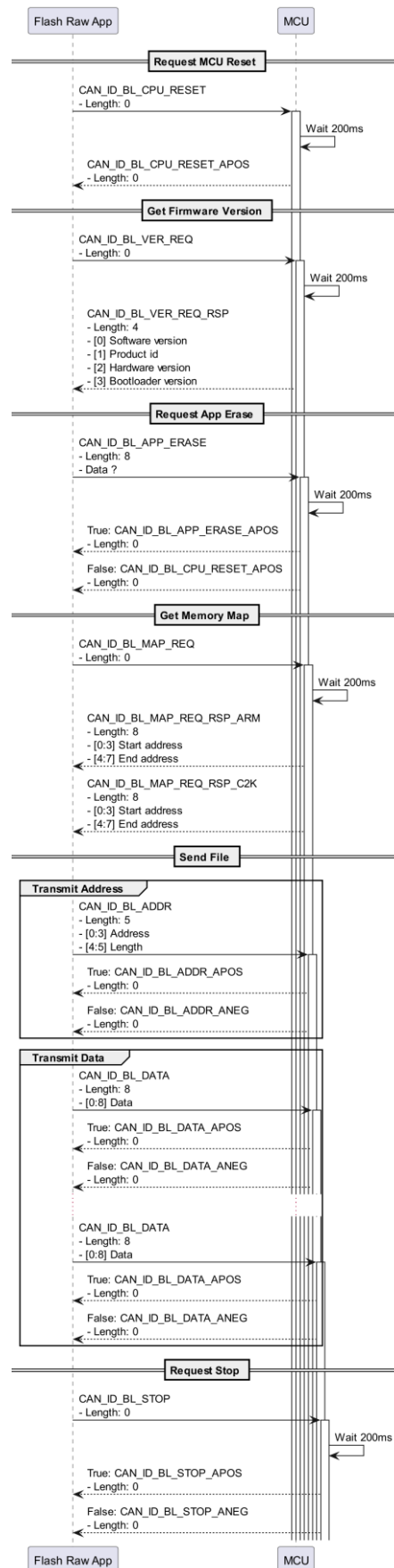


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1.1. Workflow

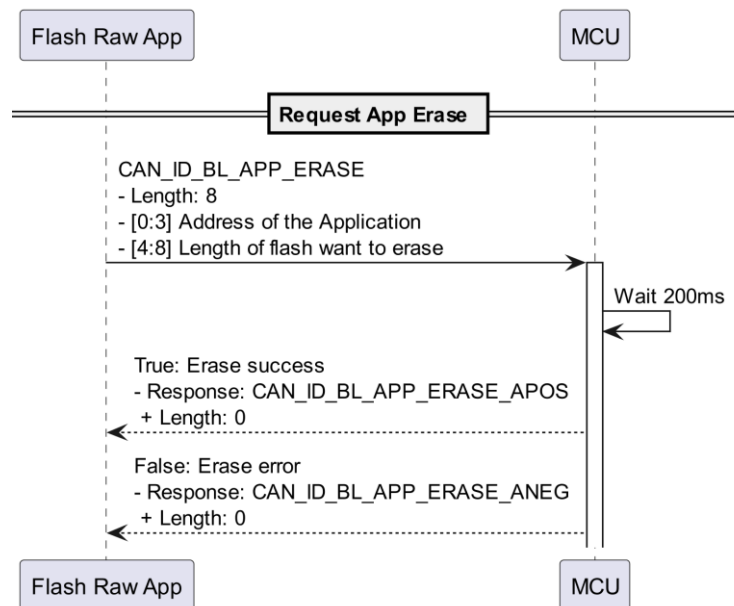


1.2. CAN BUS command data structure.

Commands	CMD	Direction	Description
CAN_ID_BL_APP_ERASE	0x0CFFD000	APP → MCU	Section 1.2.1
CAN_ID_BL_APP_ERASE_APOS	0x0CFFD001	MCU → APP	Section 1.2.1
CAN_ID_BL_APP_ERASE_ANEG	0x0CFFD002	MCU → APP	Section 1.2.1
CAN_ID_BL_STOP	0x0CFFD003	APP → MCU	Section 1.2.2
CAN_ID_BL_STOP_APOS	0x0CFFD004	MCU → APP	Section 1.2.2
CAN_ID_BL_STOP_ANEG	0x0CFFD005	MCU → APP	Section 1.2.2
CAN_ID_BL_CPU_RESET	0x0CFFD006	APP → MCU	Section 1.2.3
CAN_ID_BL_CPU_RESET_APOS	0x0CFFD007	MCU → APP	Section 1.2.3
CAN_ID_BL_VER_REQ	0x0CFFD008	APP → MCU	Section 1.2.4
CAN_ID_BL_VER_REQ_RSP	0x0CFFD009	MCU → APP	Section 1.2.4
CAN_ID_BL_MAP_REQ	0x0CFFD00A	APP → MCU	Section 1.2.5
CAN_ID_BL_MAP_REQ_RSP_ARM	0x0CFFD00B	MCU → APP	Section 1.2.5
CAN_ID_BL_MAP_REQ_RSP_C2K	0x0CFFD00C	MCU → APP	Section 1.2.5
CAN_ID_BL_ADDR	0x0CFFD020	APP → MCU	Section 1.2.6
CAN_ID_BL_ADDR_APOS	0x0CFFD021	MCU → APP	Section 1.2.6
CAN_ID_BL_ADDR_ANEG	0x0CFFD022	MCU → APP	Section 1.2.6
CAN_ID_BL_DATA	0x0CFFD023	APP → MCU	Section 1.2.7
CAN_ID_BL_DATA_APOS	0x0CFFD024	MCU → APP	Section 1.2.7
CAN_ID_BL_DATA_ANEG	0x0CFFD025	MCU → APP	Section 1.2.7

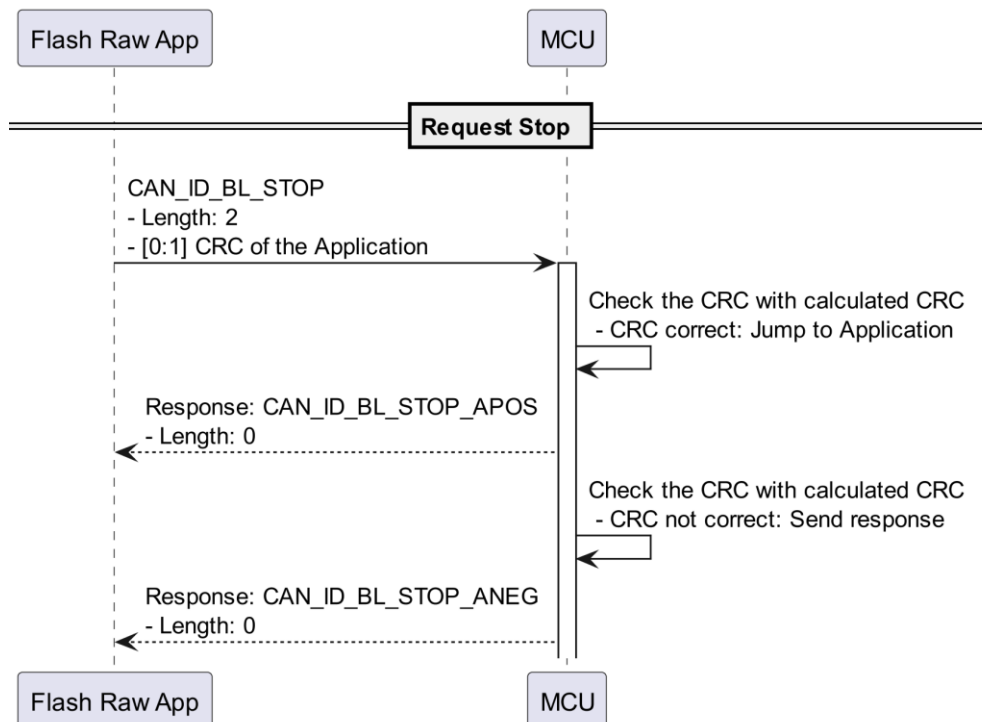
1.2.1. Packet CAN_ID_BL_APP_ERASE

This command is used to erase the application on the on-chip flash of the MCU.



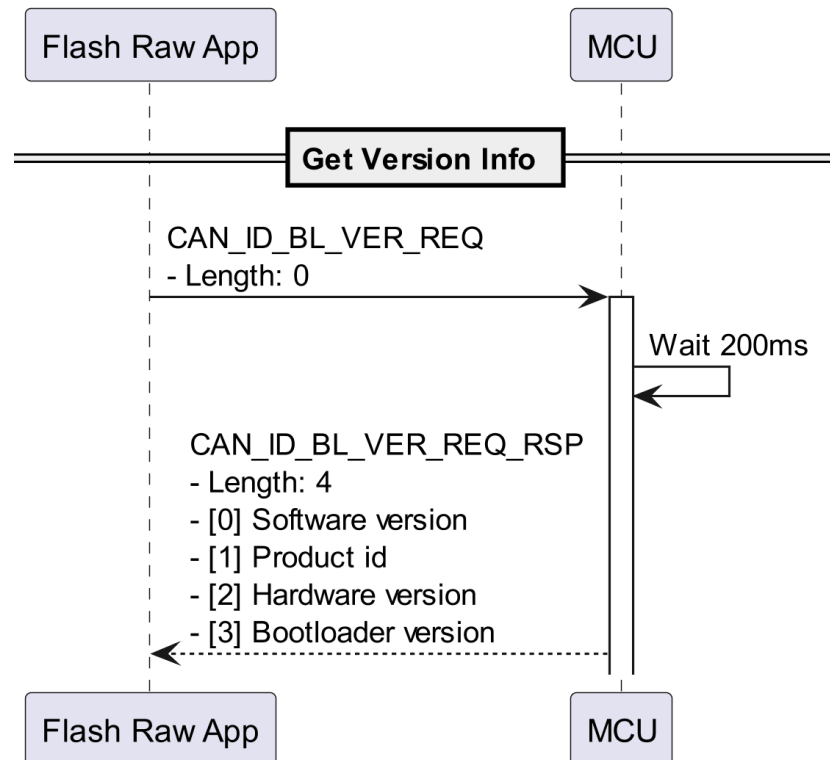
1.2.2. Packet CAN_ID_BL_STOP

This command is used to send the transmit stop command to the MCU. Then CRC will be sent out. The MCU will check the CRC and then jump to the Application.



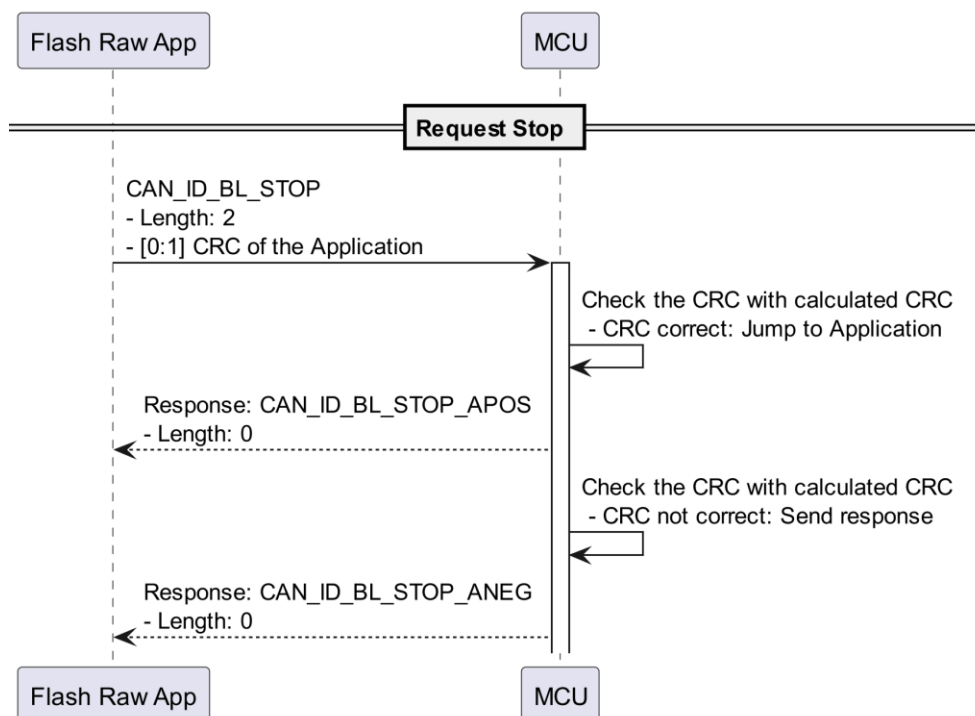
1.2.3. Packet CAN_ID_BL_CPU_RESET

This command is used to reset the MCU from the Application to the bootloader.



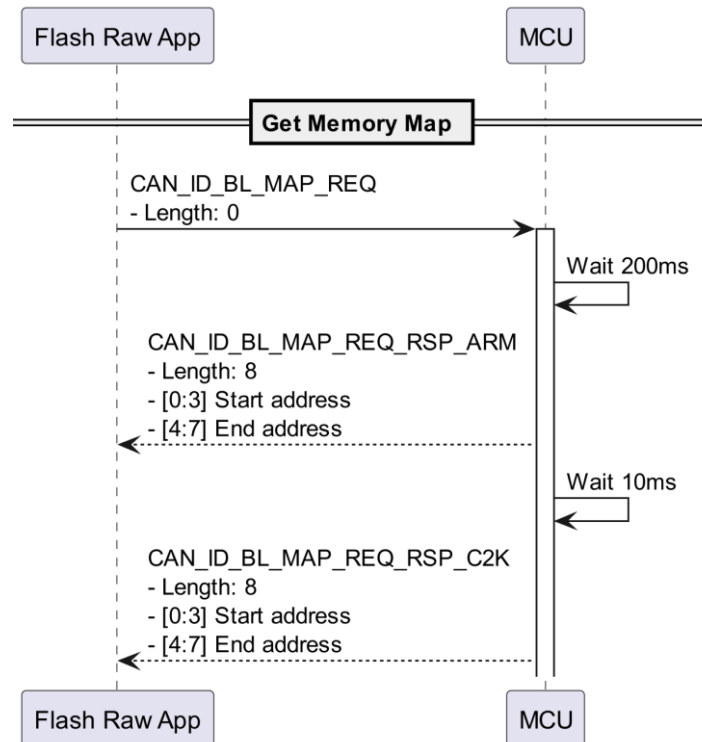
1.2.4. Packet CAN_ID_BL_VER_REQ

This command is used to request version information from the MCU.



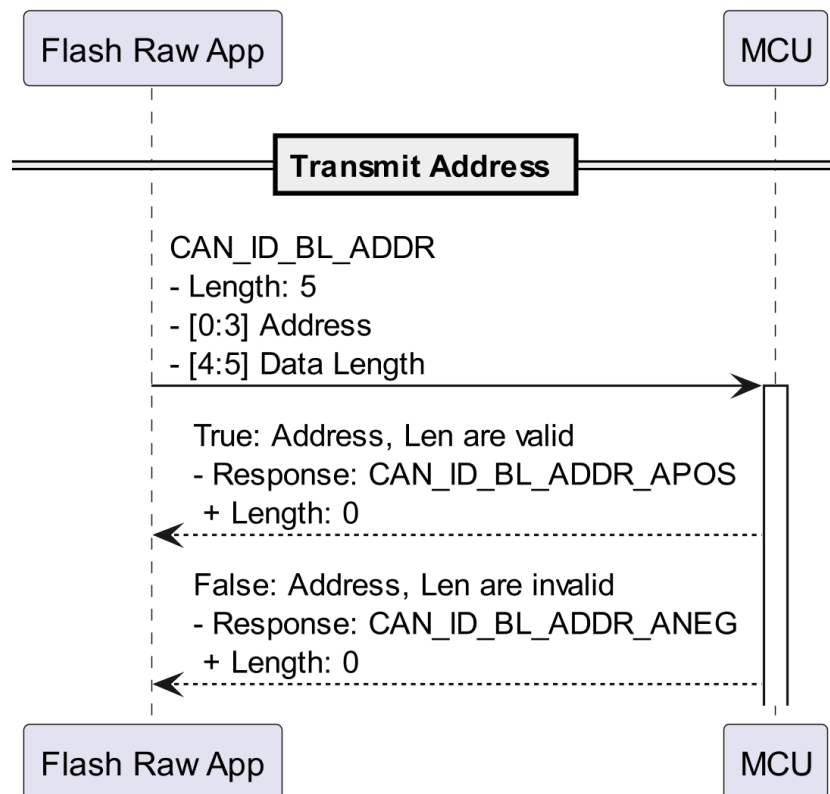
1.2.5. Packet CAN_ID_BL_MAP_REQ

This command is used to request MCU's memory map.



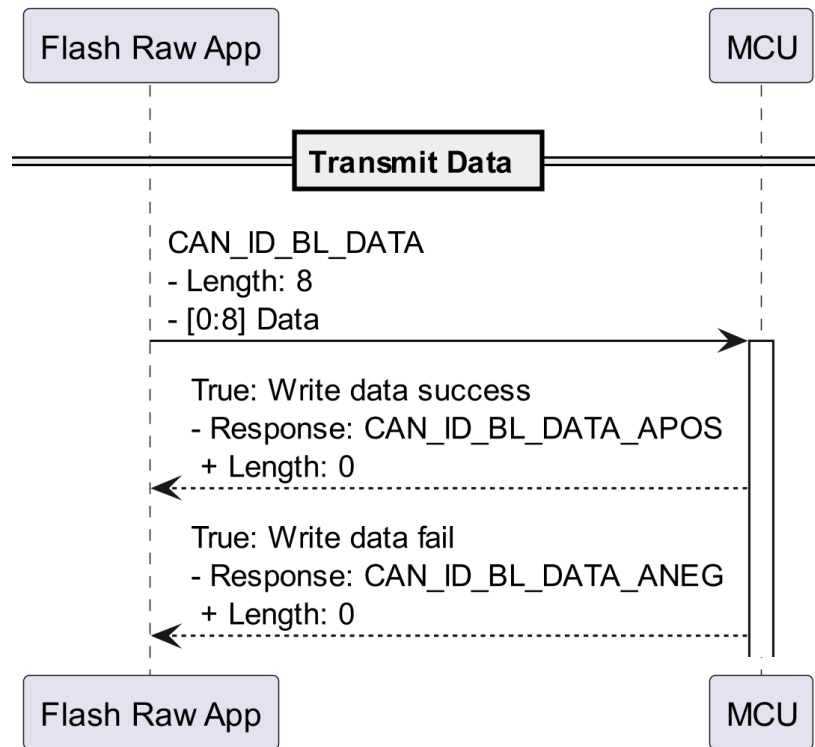
1.2.6. Packet CAN_ID_BL_ADDR

This command is used to set the flash address and size to write the image.



1.2.7. Packet CAN_ID_BL_DATA

This command is used to send the image data.



1.3. Memory Map