External Interrupt driver

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| Name: | External\_Interrupts\_Init |
| Arguments: | |  |  | | --- | --- | | Input: | 1-Name: INT\_Num  Type: uint8\_t  2-Name: Interrupt\_triggering  Type: uint8\_t  3-Name: External\_Int\_Fun\_Address  Type: pointer to function | | Output | Name: None  Type: None | |
| Return: | enu\_EI\_ERROR |
| Descriptions | Used to initialize External interrupt It can initiate 3 external interrupt just by passing to first parameter INT\_Num ,  specify the triggering edge from second argument and  the address of ISR by third argument |

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| Name: | enu\_EI\_ERROR |
| Type | Enumerations |
| Range: | EI\_OK = 0  EI\_NOK = 1 |
| Descriptions: | used to return the state of ICU functions |

Data types table:

API design table: