





- APP APIs

```

void App_Init(void);
void App_Check(void);

```

- UART APIs

```

void UART_Init(uint32_t BoudRate);
void UART_Transmite_String(uint8_t *str);
void UART_Transmite(uint8_t Data);
void UART_Recive_String(uint8_t *str);
uint8_t UART_Recive(void);

```

- DIO APIs

```

EN_DIOERRORSTATE_t DIO_voidSetPinValue(EN_port_num EN_Port, EN_pin_num EN_Pin, EN_value_type EN_Value);
EN_DIOERRORSTATE_t DIO_voidSetPinDirection(EN_port_num EN_port, EN_pin_num EN_Pin, EN_direction_type EN_Direction);
EN_value_type DIO_u8GetPinValue(EN_port_num EN_Port, EN_pin_num EN_Pin);

```

```

EN_DIOERRORSTATE_t DIO_voidTogPin(EN_port_num EN_Port, EN_pin_num EN_Pin);

```

```

EN_DIOERRORSTATE_t DIO_voidSetPortDirection(EN_port_num EN_Port, EN_direction_type EN_Direction);
EN_DIOERRORSTATE_t DIO_voidSetPortValue(EN_port_num EN_Port, EN_value_type EN_Value);
EN_DIOERRORSTATE_t DIO_voidInpullUp(EN_port_num EN_Port, EN_pin_num EN_Pin);

```