**API Documentation**

**Indruino class**

**Function:**

* void **init**();
* ROM \***myRom**();
* SRAM \***myRam(**[int pos]);
* int **now\_Ram\_choose**(void);
* void **createNewRam(**int size, int pos);
* void **deleteRam**(int pos);
* bool **setNowPos**(int pos);
* RamEeprom \***synMyData**([int pos]);

**Features:**

* void **init**();

Description:

Initialize the object of class indurino

Returns: null

* ROM \***myRom**();

Description:

Return pointer of now ram was choosed

Returns:

Pointer of rom at \_now\_pos

* SRAM \***myRam(**[int pos]);

Description:

Return pointer of Ram at pos. Default pos at 0

Parameters:

int *pos* – fill a postion of RAM

Returns:

Pointer of Ram

* int **now\_Ram\_choose**(void);

Description:

Return value of postion which Ram was choosed

Parameters:

Null

Returns: int

* void **createNewRam(**int size, int pos);

Description:

This function will create new ram at start at 1 to \_SIZE\_MAX\_NEW\_RAM

Parameters:

int *size*– size of ram that you want to create

uint8\_t *pos* – postion of ram that you want to create (**\*NOTICE: start at 1)**

Returns:

True/False

* void **deleteRam**(int pos);

Description:

Delete ram at pos (**\*NOTICE: start at 1)**

Parameters:

int *pos:* it is postion of ram that you want to delete

Returns: null

* Bool **setNowPos**(int pos);

Description:

This funtion will set \_now\_pos to pos

Parameters:

int *pos* : it it postion that you want to set

Returns:

True/False

* RamEeprom \***synMyData**([int pos]);

Description:

Return pointer of RamEeprom( this class have some function for R/W data between ROM & RAM)

Parameters:

int *pos* – it is postion of Ram that you want to use with synMyData

Returns:

the uint8\_t type value of the ram address you want to read