

```

1  /***** C HEADER FILE *****/
2  **
3  ** Project:    BasicMenu testing for UART0 Driver for CL2bml
4  ** Filename:   Basic_Menu.h
5  ** Date:      18.12.2017
6  **
7  ** Modified   R.Oliva - Basic_Menu
8  **
9  *****/
10 **
11 **
12 *****/
13 **
14 ** VERSION HISTORY:
15 ** -----
16 ** initial Version: 1.0
17 ** Date: 18.12.2017
18 ** Revised by: R.Oliva
19 ** Description:
20 ** -
21 ** - Newer versions see top.
22 **
23 **
24 **
25 *****/
26
27 #ifndef BASICMENU_INCLUDED
28 #define BASICMENU_INCLUDED
29
30 /*****
31 **
32 ** MODULES USED
33 **
34 *****/
35 #include <stdio.h>
36 #include <ctype.h>
37 #include <stdint.h>
38 #include <delay.h>
39 // Added for TWI - 18-12-2017
40 #include "..\..\TWI\TWI12\inc\twi-cl2_12.h"
41
42 /*****
43 **
44 ** DEFINITIONS AND MACROS
45 **
46 *****/
47 #define INT_10MIN 1
48 #define INT_30MIN 2
49 #define INT_5MIN 3
50 #define INT_1MIN 4
51
52
53 /*****
54 **
55 ** EXPORTED VARIABLES
56 ** declared here, but defined in .c file for global access.. 18.12.2017
57 **
58 *****/
59
60 extern char input_str[26]; // 23.9.06 Input strings from COM0
61 extern char instr1[26]; // For Get_String()
62 extern char *p_input_str;
63
64 extern char Station_name[26]; // Dummy station name 18.12.2017
65 extern float VBTH_PlusK; // Dummy float value 18.12.2017
66 // For Menus.. 2.8.2010
67 extern unsigned char MSG_opt;
68
69 // Defined in Uart0_dr1.h/.c 18.12.2017
70 extern unsigned char rx_counter0;
71
72 // Added 18.12.17 to control WDOG..
73 extern bit WD_ON_Flag; // Default pets the dog
74
75 extern char INTERV_TIME[15];
76 extern uint8_t Flag_Print_METEO;

```

File: C:\cvavr328\Work3\CL2\CL2\_Drivers\UART0\TST\_MENU\_PRJ\Basic\_Menu

```
77  extern uint8_t NBin_com;
78  extern uint8_t Interval_ST;
79
80
81  /*****
82  **
83  **    EXPORTED FUNCTIONS
84  **    functions public to rest of program 18.12.2017
85  **
86  *****/
87
88  int get_string(void);           // Get a String to instr[] -- 23.9.06
89  int get_val(unsigned char *uc); // Also added for menu 2.8.2010
90  void Check_UART0_Menu(unsigned char MSG_option_local); // Test Menu..
91
92  #endif
93  /*****
94  **
95  **    EOF
96  **
97  *****/
98
```