

```

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39 *
40 */
41
42 /**
43 *  @file    sys_cfg.h
44 *  @author  foxBMS Team
45 *  @date    21.09.2015 (date of creation)
46 *  @ingroup ENGINE_CONF
47 *  @prefix  SYS
48 *
49 *  @brief   Sys driver configuration header
50 */
51
52 #ifndef SYS_CFG_H_

```

```

53  #define SYS_CFG_H_
54
55  /*===== Includes =====*/
56  #include "general.h"
57
58  /*===== Macros and Definitions =====*/
59
60  /**
61   * This define MUST represent the cycle time of the task in which context the
62   * functions run, e.g., if the SYS_Trigger() is running in the 10 ms task
63   * then the define must be set to 10.
64   *
65   * This define also sets the minimum time.
66   */
67
68  #define SYS_TASK_CYCLE_CONTEXT_MS (10)
69
70  /**
71   * SYS statemachine short time definition in ms
72   */
73
74  #define SYS_STATEMACH_SHORTTIME_MS      (SYS_TASK_CYCLE_CONTEXT_MS)
75
76  /**
77   * SYS statemachine short time definition in ms
78   */
79
80  #define SYS_STATEMACH_MEDIUMTIME_MS      (SYS_TASK_CYCLE_CONTEXT_MS)
81
82  /**
83   * SYS statemachine long time definition in ms
84   */
85
86  #define SYS_STATEMACH_LONGTIME_MS        ((10) * (SYS_TASK_CYCLE_CONTEXT_MS))
87
88
89  /*===== Function Prototypes =====*/
90
91  /**
92   * Function to send out boot message with SW version
93   */
94  extern void SYS_SendBootMessage(uint8_t directTransmission);
95
96  /*===== Function Implementations =====*/
97
98  #endif /* SYS_CFG_H_ */
99

```