

FlashLED1_Investigation.cpp

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6 #include <uTTCOS2013/uTTCOS.h>
7 #include "FlashLEDCodeCPP.h"
8
9 #define EMBEDDEDUNIT_LITE
10 #include <EmbeddedUnit/EmbeddedUnit.h>
11 // #include "FlashLED1_Investigation_cpp.h"
12
13
14 TEST_CONTROL(FlashLED1_Investigation_cpp);
15
16 #if 0
17 TEST(FlashLED1_Investigation_cpp_GUIUpdate) {
18     UpdateEunitGui(); // Conditionally compile this line (use #if 1) to cause an GUI update
19     based on last completed test
20 }
21 #endif
22
23 TEST(LED1_Investigation1)
24 {
25     uTTCOS_WriteLED(0); // Initialize to LEDS 0
26     ResetStates_CPP();
27
28     unsigned int initialLED = uTTCOS_ReadLED();
29     unsigned int expectedInitialLED = 0;
30     CHECK_EQUAL_HEX(expectedInitialLED, initialLED);
31
32     FlashLED1_CPP();
33
34     unsigned int notExpected = 0;
35     unsigned int newLED1_V1 = uTTCOS_ReadLED();
36     CHECK_EQUAL_HEX(newLED1_V1, 0x01);
37
38     FlashLED1_CPP();
39
40     unsigned int offExpected = 0;
41     unsigned int offLED1_V1 = uTTCOS_ReadLED();
42     CHECK_EQUAL_HEX(offLED1_V1, offExpected);
43 }
44
45
46 TEST_FILE_RUN_NOTIFICATION(FlashLED1_Investigation_cpp);
47
```