

FlashLED5_Investigation.cpp

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6
7 #include <uTTCOS2013/uTTCOS.h>
8 #include "FlashLEDCodeCPP.h"
9
10 #define EMBEDDEDUNIT_LITE
11 #include <EmbeddedUnit/EmbeddedUnit.h>
12 // #include "FlashLED5_Investigation_cpp.h"
13
14
15 TEST_CONTROL(FlashLED5_Investigation_cpp);
16
17 #if 0
18 TEST(FlashLED5_Investigation_cpp_GUIUpdate) {
19     UpdateEunitGui(); // Conditionally compile this line (use #if 1) to cause an GUI update
    based on last completed test
20 }
21 #endif
22
23 TEST(FlashLED5_Investigation1)
24 {
25     uTTCOS_WriteLED(0); // Initialize to LEDS 0
26     ResetStates CPP();
27     unsigned char initialLED = uTTCOS_ReadLED();
28     unsigned char expectedInitialLED = 0;
29     CHECK_EQUAL_HEX(expectedInitialLED, initialLED);
30
31     FlashLED5_CPP();
32
33     unsigned char offExpected = 0;
34     unsigned char offLED5_V1 = uTTCOS_ReadLED();
35     CHECK_EQUAL_HEX(offLED5_V1, offExpected);
36
37     FlashLED5_CPP();
38
39     unsigned char notExpected = 0;
40     unsigned char newLED5_V1 = uTTCOS_ReadLED();
41     CHECK_EQUAL_HEX(newLED5_V1, 0x10);
42
43 }
44
45 TEST_FILE_RUN_NOTIFICATION(FlashLED5_Investigation_cpp);
46
```