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# Aleksei’s tests:

## vTaskSetApplicationTaskTag() and xTaskCallApplicationTaskHook()

**Review from manual:**

A screenshot of a computer

Description automatically generated with medium confidence  
A screenshot of a computer

Description automatically generated with medium confidence

**C implementation:**

in Tests\Aleksei\test1\test1.c file

**Output results:**

**A screenshot of a computer

Description automatically generated with medium confidence**

## vTaskGetRunTimeStats()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Aleksei\test3\test3.c file

**Output results:**

**A screenshot of a computer

Description automatically generatedA picture containing text, screenshot, software, font

Description automatically generated**

## uxTaskGetSystemState()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Aleksei\test4\test4.c file

**Output results:**

A screenshot of a computer program

Description automatically generated with medium confidenceA picture containing text, screenshot, font

Description automatically generated

## xTaskGetHandle() and vTaskGetTaskInfo()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Aleksei\test5\test5.c file

**Output results:**

A screenshot of a computer program

Description automatically generated with medium confidence A picture containing text, screenshot, font

Description automatically generated

## vTaskList()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Aleksei\test6\test6.c file

**Output results:**

A picture containing text, screenshot, software

Description automatically generatedA picture containing text, screenshot, font

Description automatically generated

# Joseph’s tests:

## taskEXIT\_CRITICAL() and taskENTER\_CRITICAL()

**Review from manual:**

**A screenshot of a computer

Description automatically generated with low confidence**

A picture containing text, screenshot, font, line

Description automatically generated

A picture containing text, font, screenshot, number

Description automatically generated

**C implementation:**

in Tests\Joseph\test1\test1.c file

**Output results:**

A screenshot of a computer

Description automatically generated

## taskENTER\_CRITICAL\_FROM\_ISR() and taskEXIT\_CRITICAL\_FROM\_ISR()

**Review from manual:**

A picture containing text, screenshot, font, line

Description automatically generated

A picture containing text, screenshot, font, line

Description automatically generated

A picture containing text, font, screenshot, number

Description automatically generated

**C implementation:**

in Tests\Joseph\test2\test2.c file

**Output results:**

A screenshot of a computer

Description automatically generated

(doesn’t work on MSVC)

## uxTaskGetNumberOfTasks()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Joseph\test3\test3.c file

**Output results:**

A black screen with white text

Description automatically generated with low confidence

## xTaskGetHandle()

**Review from manual:**

**A screenshot of a computer program

Description automatically generated with low confidence**

**C implementation:**

in Tests\Joseph\test5\test5.c file

**Output results:**

A picture containing text, screenshot, font

Description automatically generated

## xTaskGetIdleTaskHandle()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Joseph\test6\test6.c file

**Output results:**

A black screen with white text

Description automatically generated with low confidence

# Juyoung’s tests:

## pvTaskGetThreadLocalStoragePointer() and vTaskSetThreadLocalStoragePointer()

**Review from manual:**

**A picture containing text, screenshot, font, line

Description automatically generated**

**A picture containing text, screenshot, font, line

Description automatically generated**

**A picture containing text, screenshot, font

Description automatically generated**

**C implementation:**

in Tests\Juyoung\test1\test1.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence

## pcTaskGetName()

**Review from manual:**

**A picture containing text, screenshot, font, line

Description automatically generated**

**C implementation:**

in Tests\Juyoung\test2\test2.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence

## xTaskGetTickCount()

**Review from manual:**

A screenshot of a computer code

Description automatically generated with low confidence

**C implementation:**

in Tests\Juyoung\test3\test3.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence

## portSWITCH\_TO\_USER\_MODE()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with medium confidence

**C implementation:**

in Tests\Juyoung\test4\test4.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence

## xTaskGetTickCountFromISR()

**Review from manual:**

A screenshot of a computer code

Description automatically generated with low confidence

**C implementation:**

in Tests\Juyoung\test5\test5.c file

**Output results:**

A screenshot of a computer program

Description automatically generated with medium confidence

## uxTaskPriorityGet() and vTaskPrioritySet()

**Review from manual:**

**A screenshot of a computer program

Description automatically generated with low confidence** **A screenshot of a computer program

Description automatically generated with low confidence**

**C implementation:**

in Tests\Juyoung\test6\test6.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence

## vTaskSuspendAll() and xTaskResumeAll()

**Review from manual:**

**A screenshot of a computer program

Description automatically generated with low confidence**

A screenshot of a computer

Description automatically generated with medium confidence

**C implementation:**

in Tests\Juyoung\test7\test7.c file

**Output results:**

**A screenshot of a computer program

Description automatically generated with low confidence**

# Oybek’s tests:

## ulTaskNotifyTake()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Oybek\test1\test1.c file

**Output results:**

A picture containing text, screenshot, font, software

Description automatically generated

## xTaskNotifyGive()

**Review from manual:**

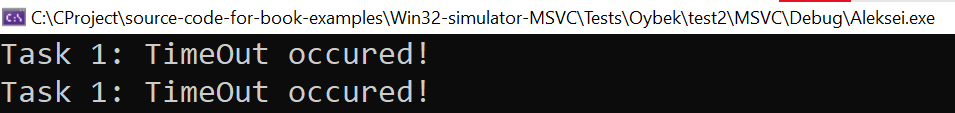
A screenshot of a computer

Description automatically generated with medium confidence

**C implementation:**

in Tests\Oybek\test2\test2.c file

**Output results:**



## xTaskNotifyStateClear()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Oybek\test3\test3.c file

**Output results:**

A screenshot of a computer screen

Description automatically generated with low confidence

## xTaskNotify()

**Review from manual:**

A screenshot of a computer program

Description automatically generated with low confidence

**C implementation:**

in Tests\Oybek\test5\test5.c file

**Output results:**

A screen shot of a computer

Description automatically generated with medium confidence

## xTaskCheckForTimeOut()

**Review from manual:**

A picture containing text, screenshot, font, number

Description automatically generated

**C implementation:**

in Tests\Oybek\test6\test6.c file

**Output results:**

A screenshot of a computer

Description automatically generated with medium confidence