

Task and Semaphores

EMBD.X403(8), FW, Summer 2023, Juergen, WK3

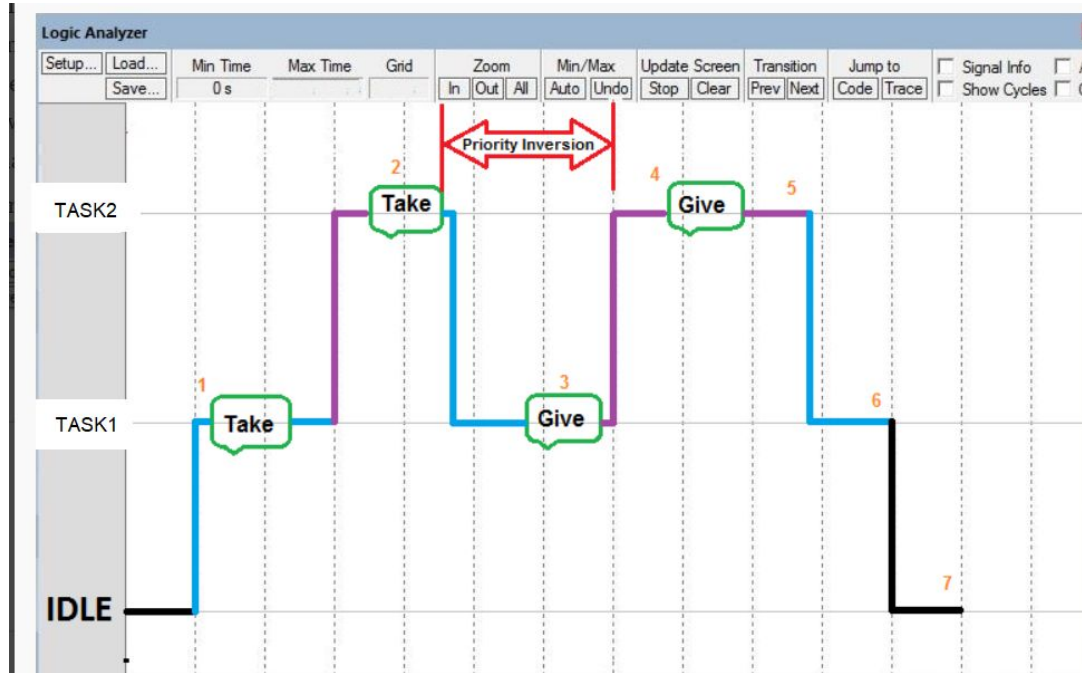
Herbe Chun

task.c - Demonstrates Two RTOS Task

1. task.c generates two task using xTaskCreate() then deletes both task after after a predetermined tick times.
2. task.c has been uploaded to git at:

<https://github.com/pensharpie/ucsc.git>

semaph.c Demonstrates Two Semaphore Task



1. task 1 last for 6 ticks while task 2 last for 7.
2. task 2 starts after 2 ticks while task1 starts immediately.
3. Once task 2 is started it is blocked by task 1.
4. After being blocked for 4 ticks, task 1 is completed and task 2 is un-blocked.
5. After being unlocked, task 2 is completed in 3 ticks.
6. semap.c has been uploaded to git at <https://github.com/pensharpie/ucsc.git>