



> Why is "matrixtask" using most of the CPU utilization?

Matrixtask is the intensive calculation task, but communicationtask just waits that imitates I/O.

> Why must the priority of "communicationtask" increase in order for it to work properly

communicationtask must get more CPU time to accomplish its task

> What happens to the completion time of "matrixtask" when the priority of "communicationtask" is increased?

The completion time of "matrixtask" decreases or increases because its priority stays 3 while "communicationtask" became more or less prioritized.

These moments are difficult to catch therefore I have taken two screenshots.

> How many seconds is the period of "matrixtask"? (Hint: look at vApplicationTickHook() to measure it)

matrix task 1260-1336 and 2898 ms

communication task 2750 and 200-205 ms