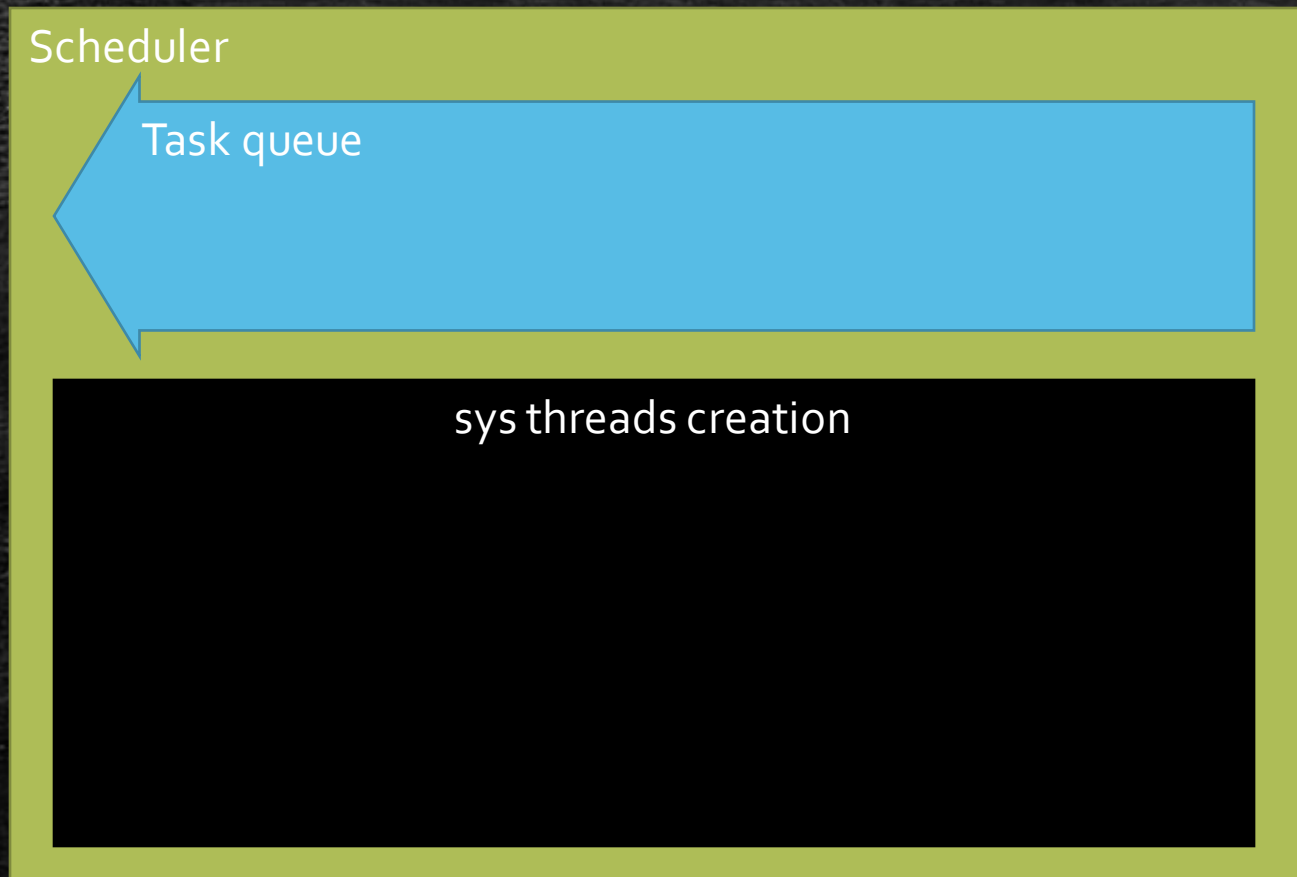


Virtual thread scheduler

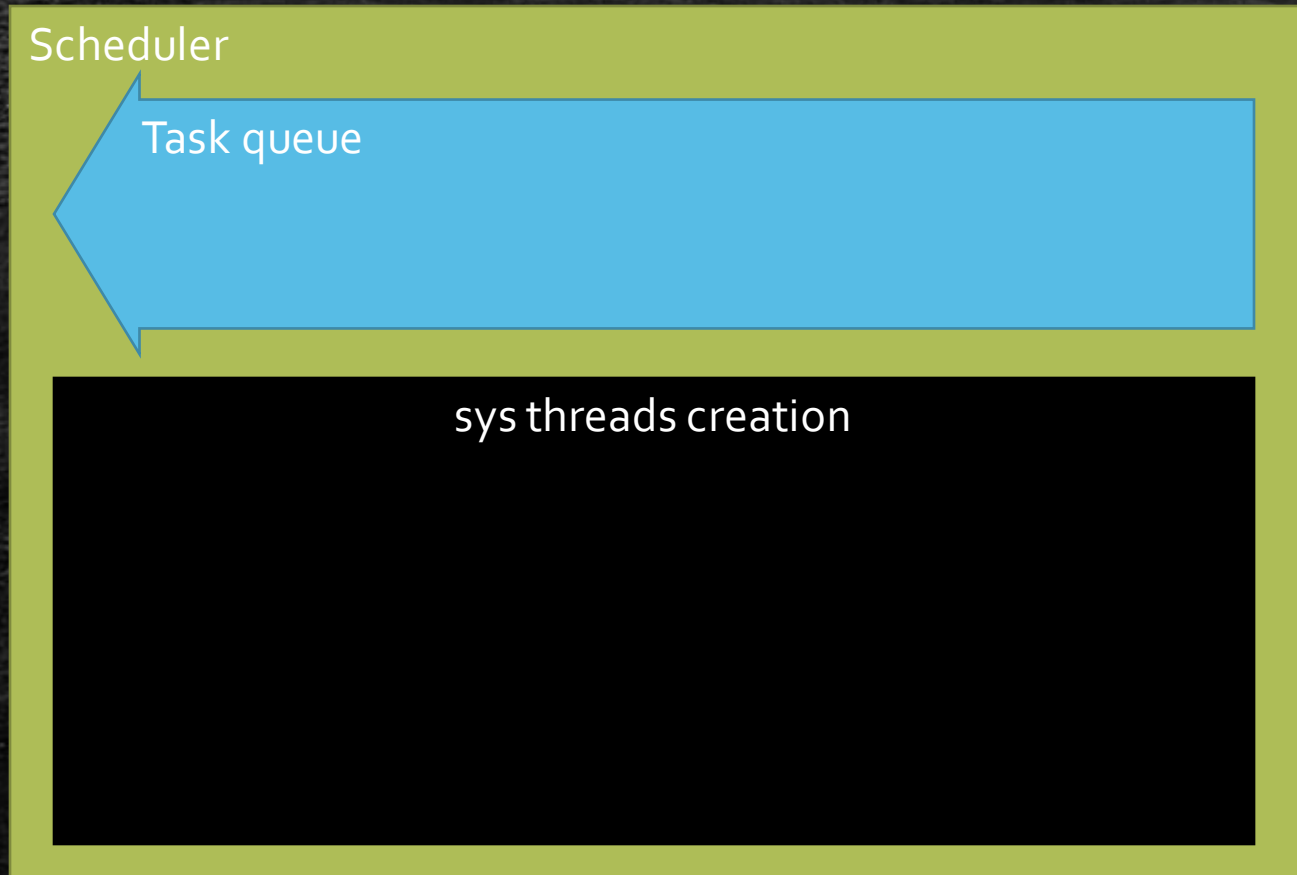
Advanced Programming in C++ - HW2

tomas.faltin@mff.cuni.cz

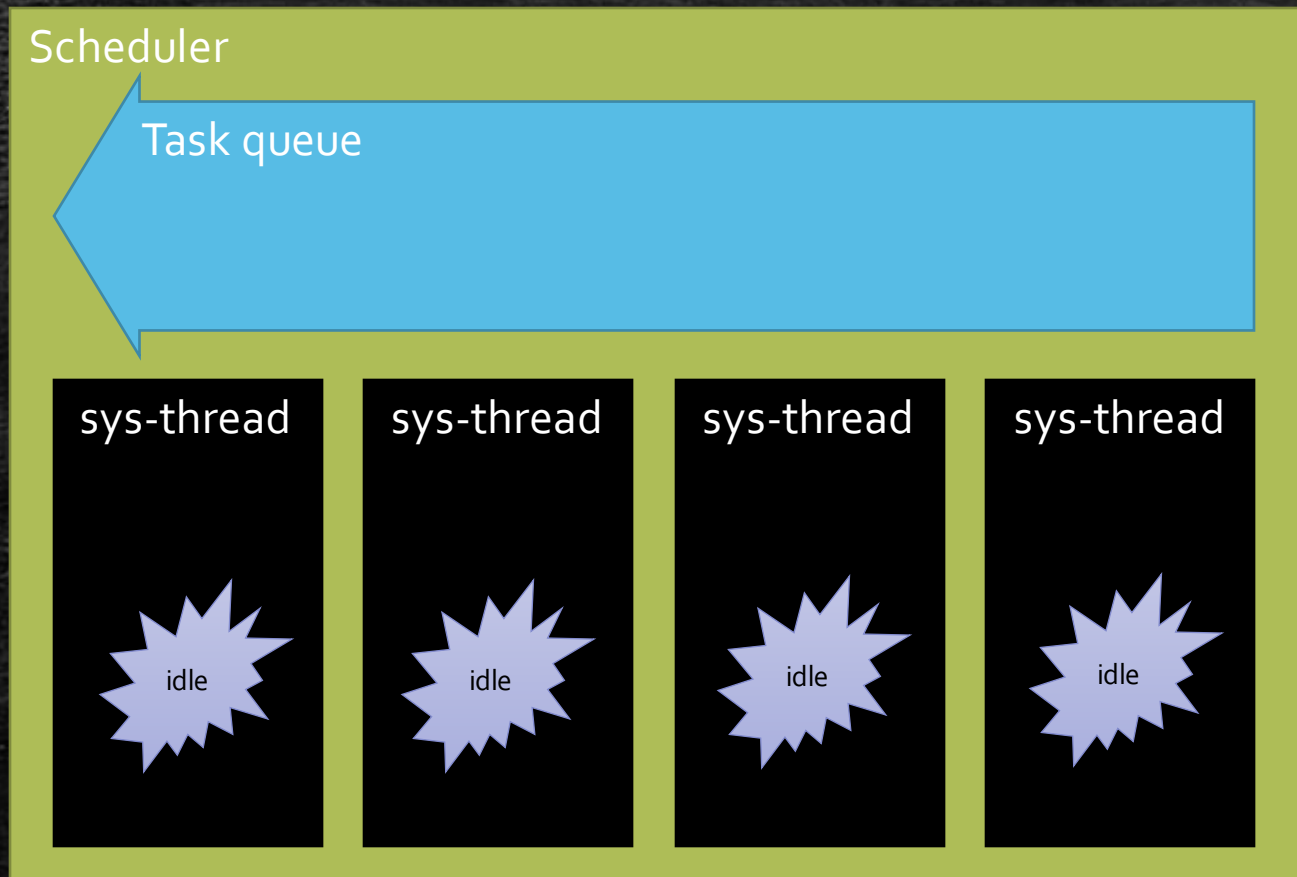
A virtual thread scheduler



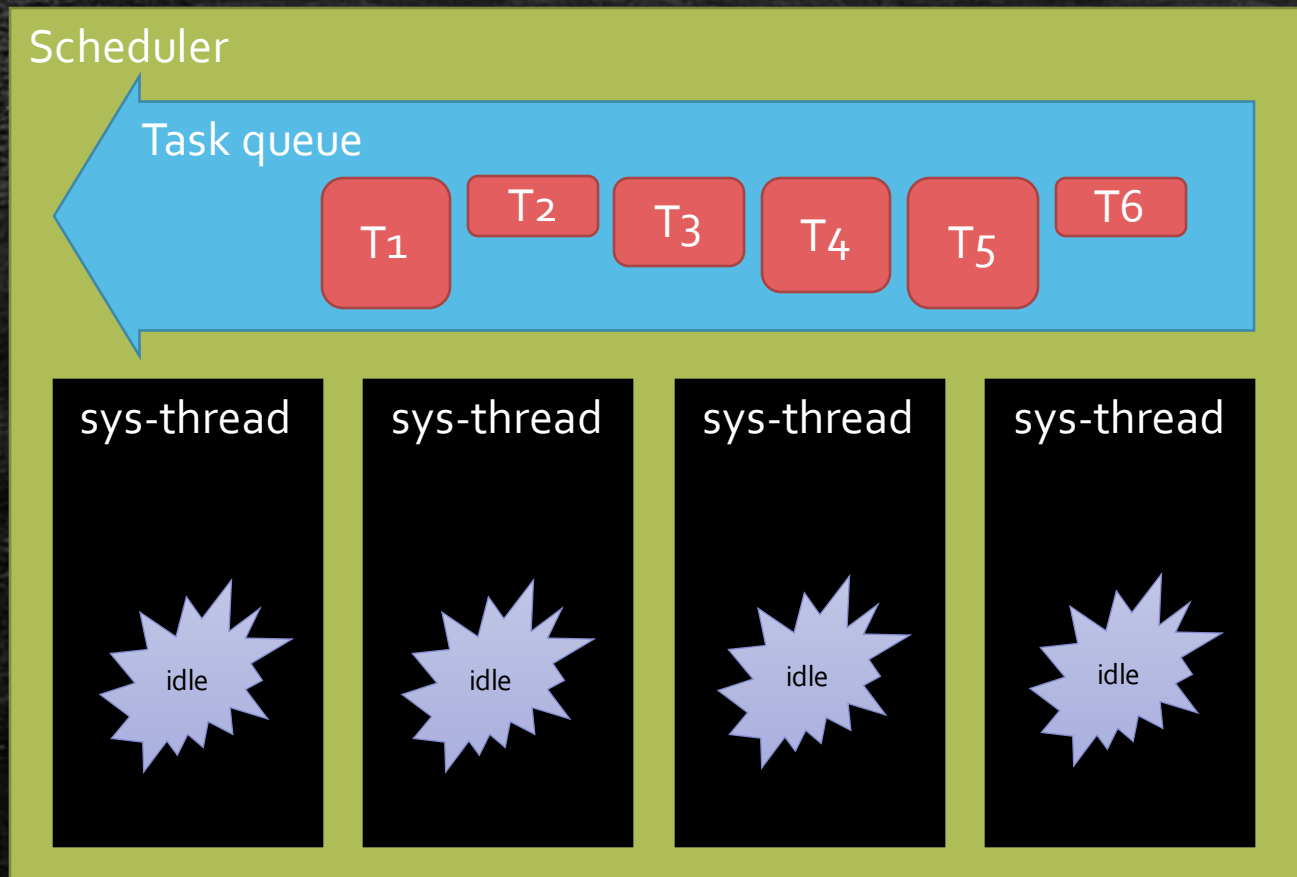
Scheduler creation



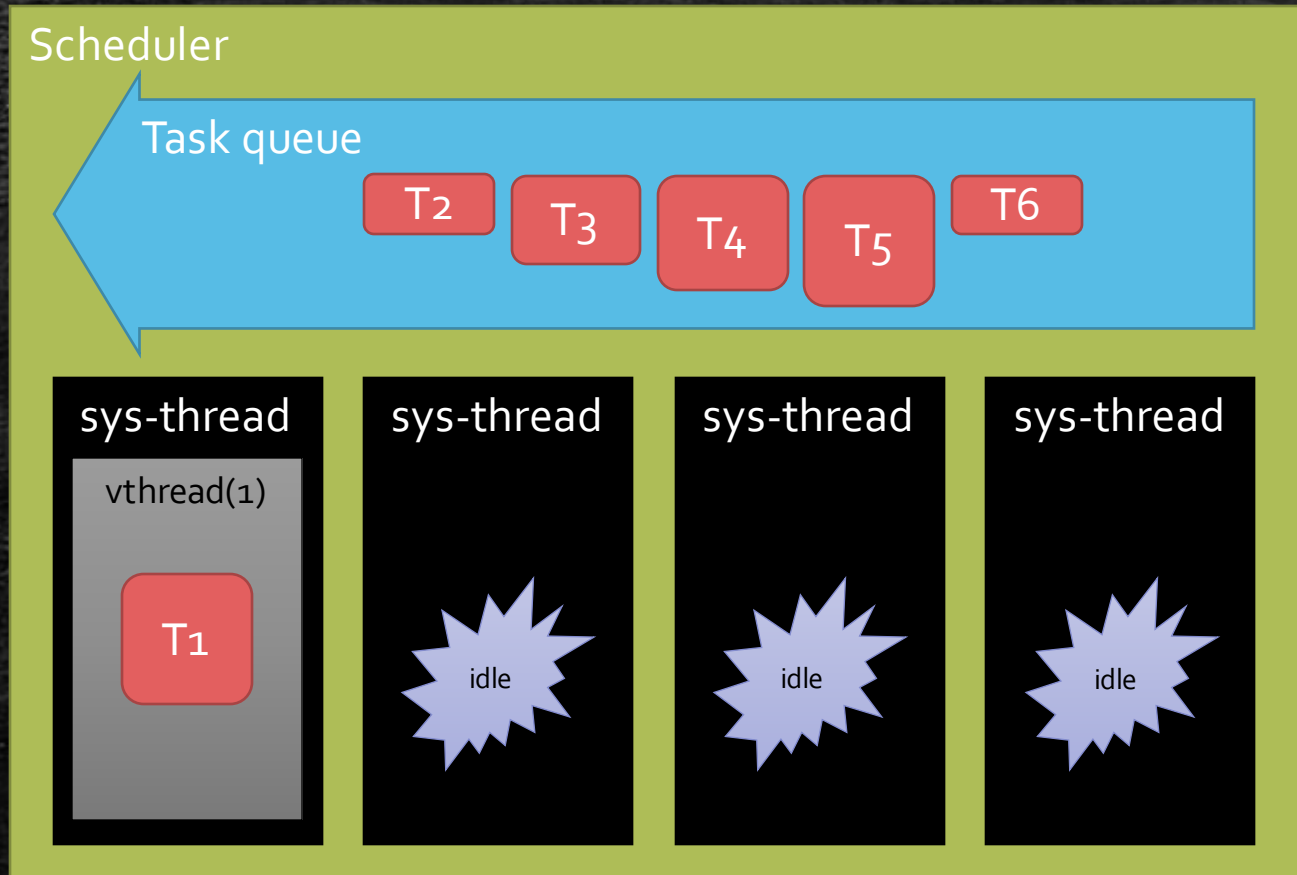
Idling threads



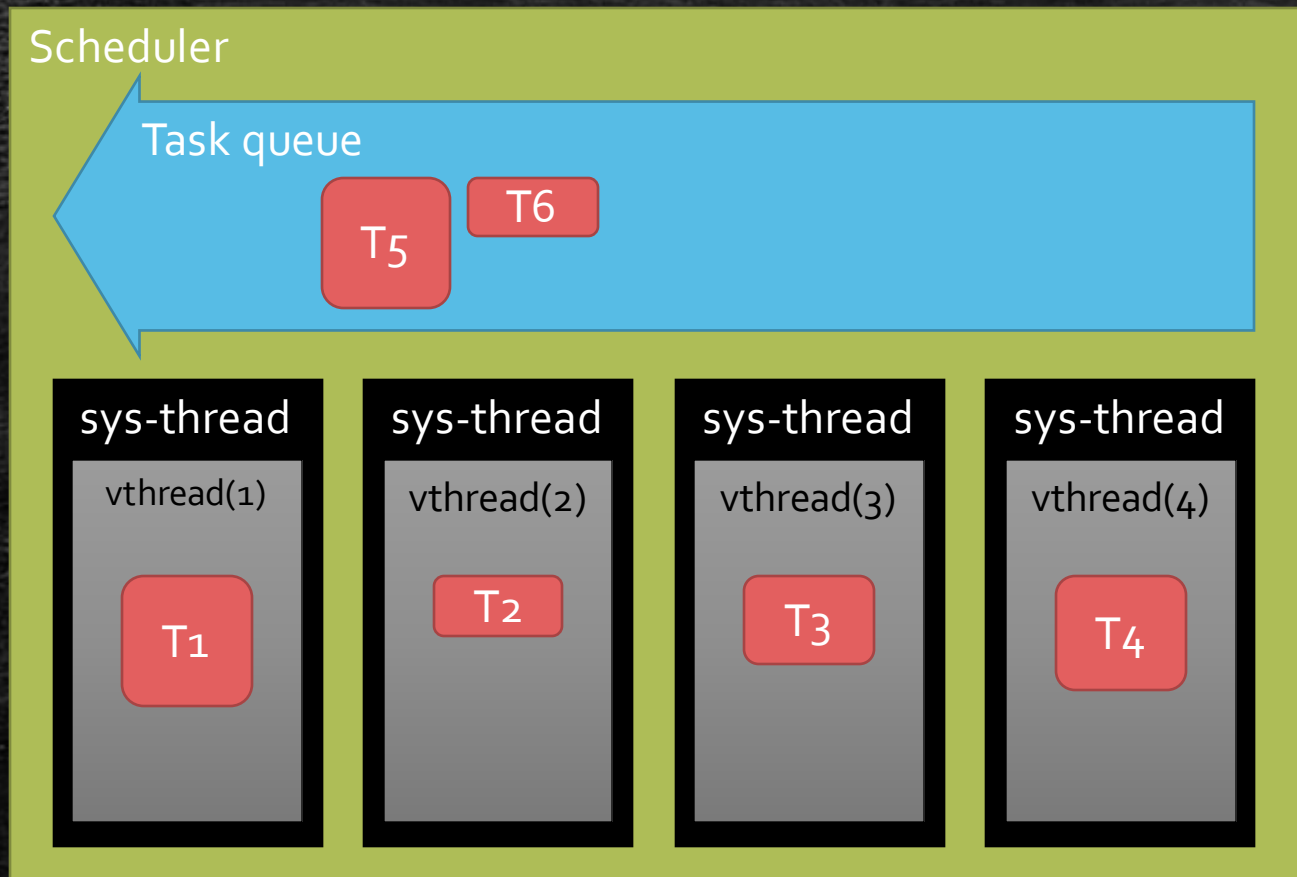
Tasks arrive



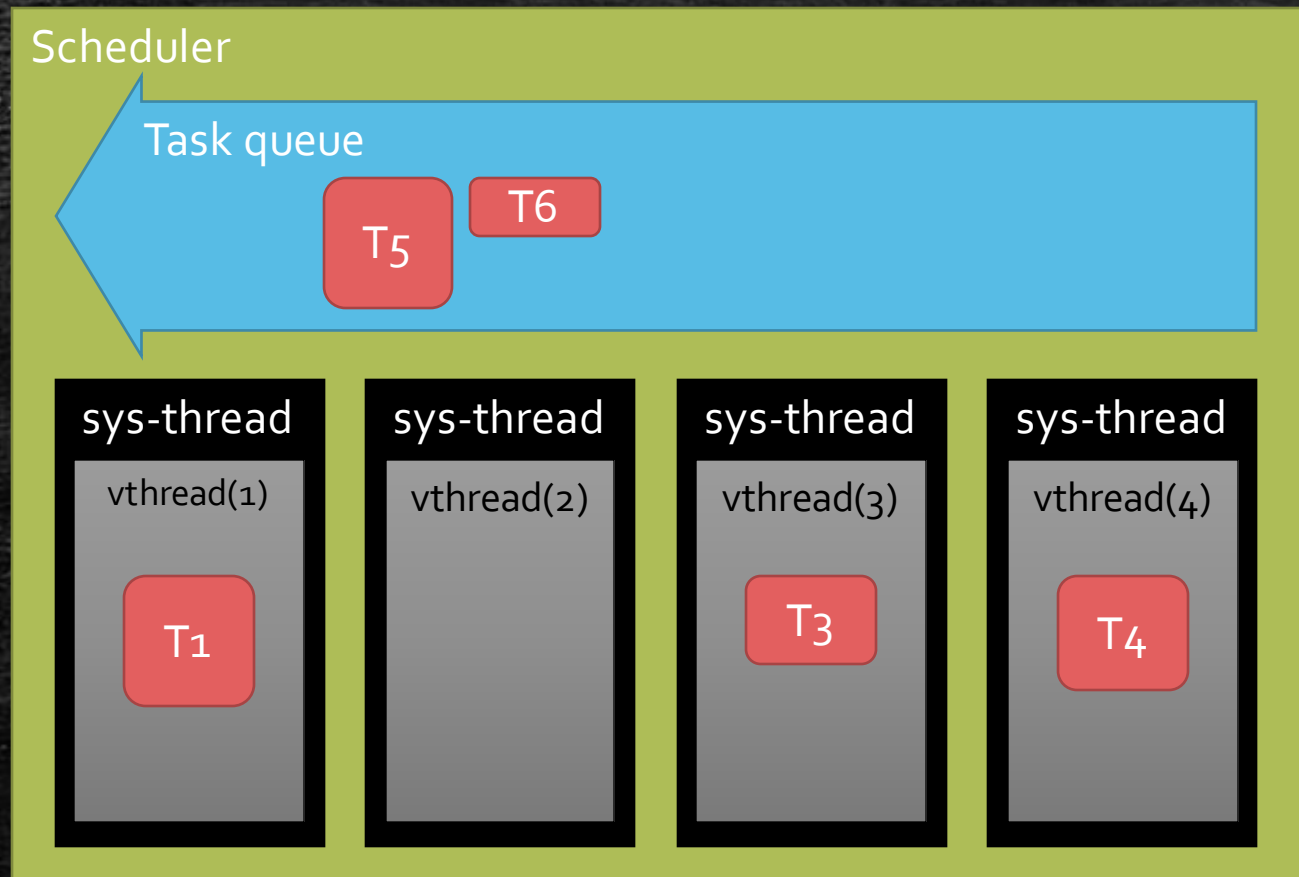
Assigning task T1



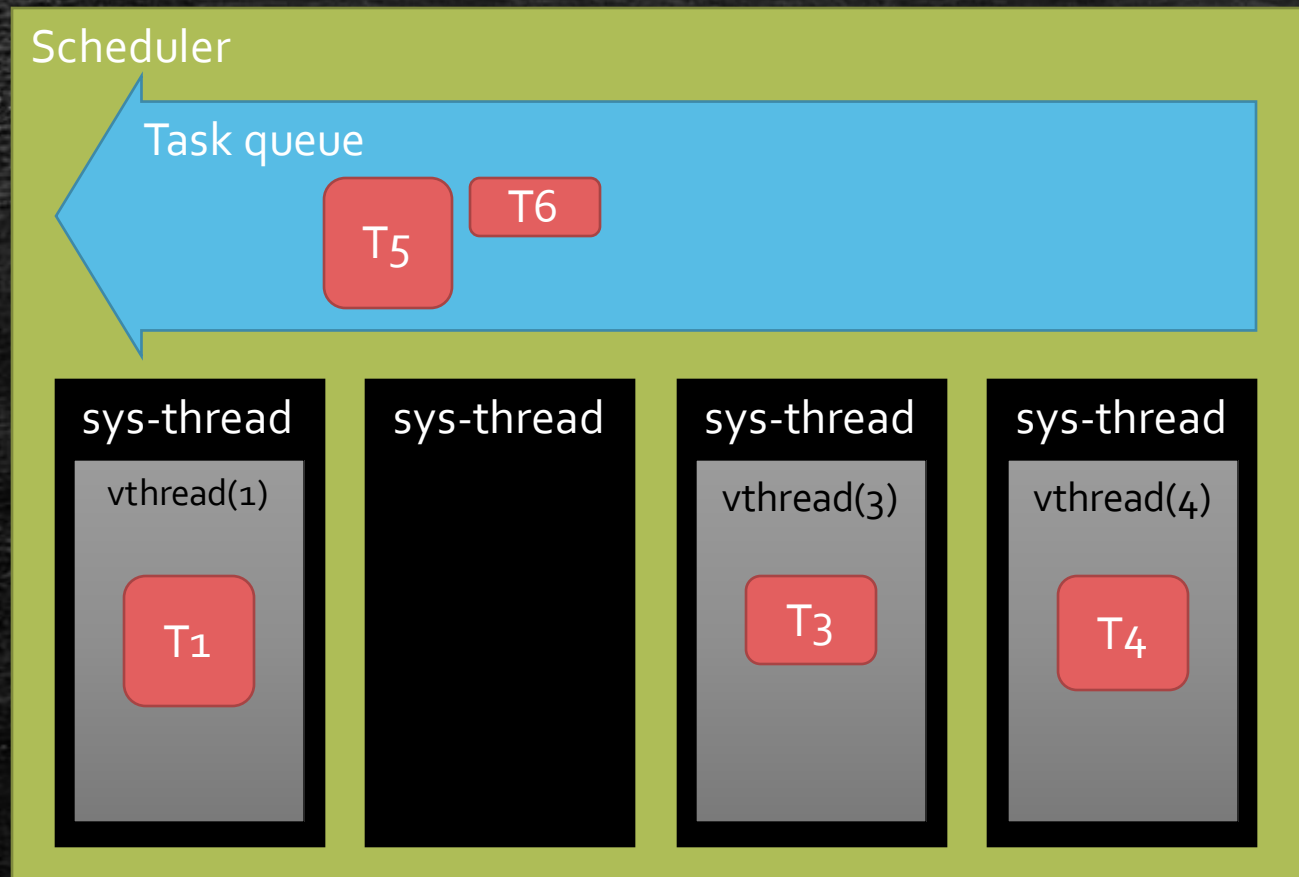
Assigning other tasks



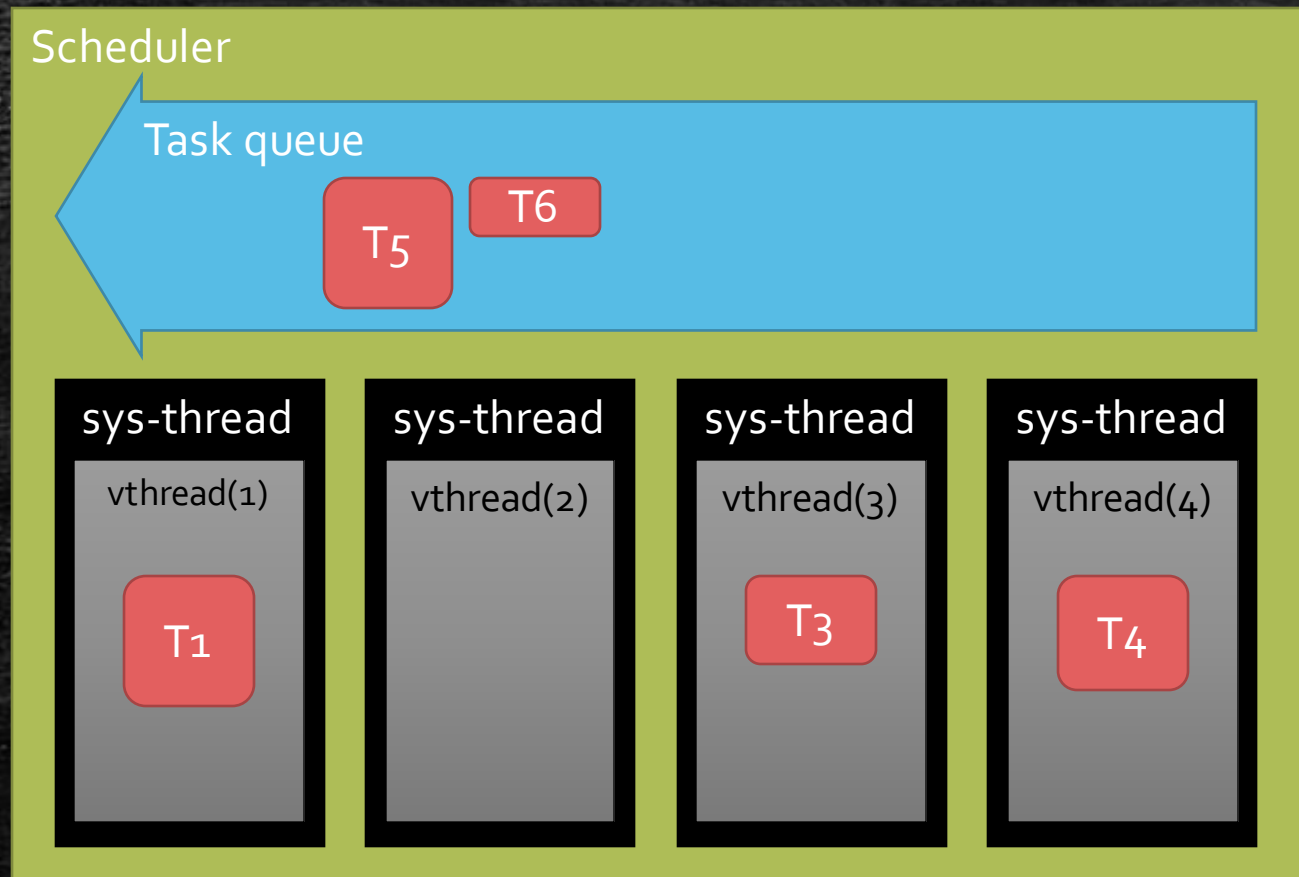
Assigning task T5



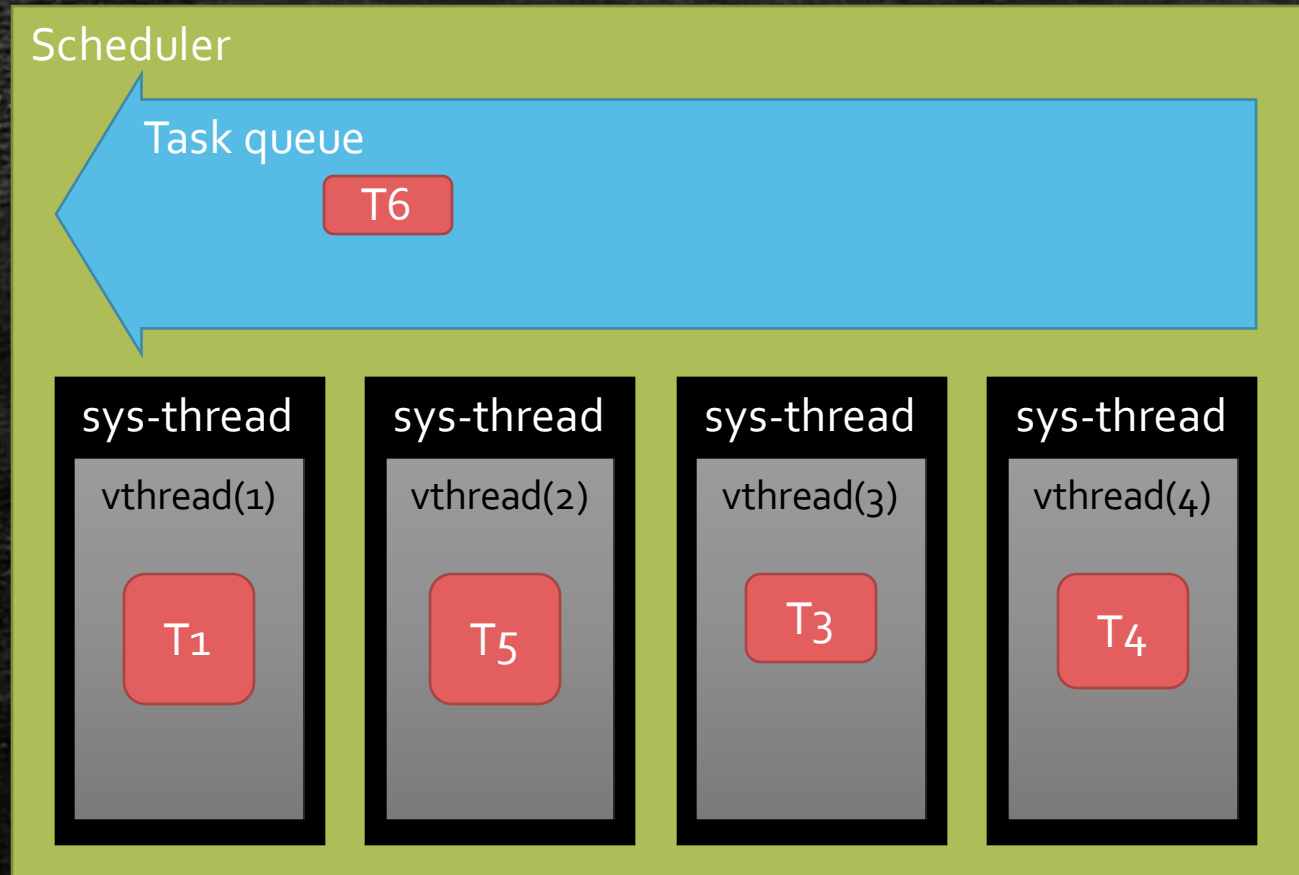
Assigning task T5



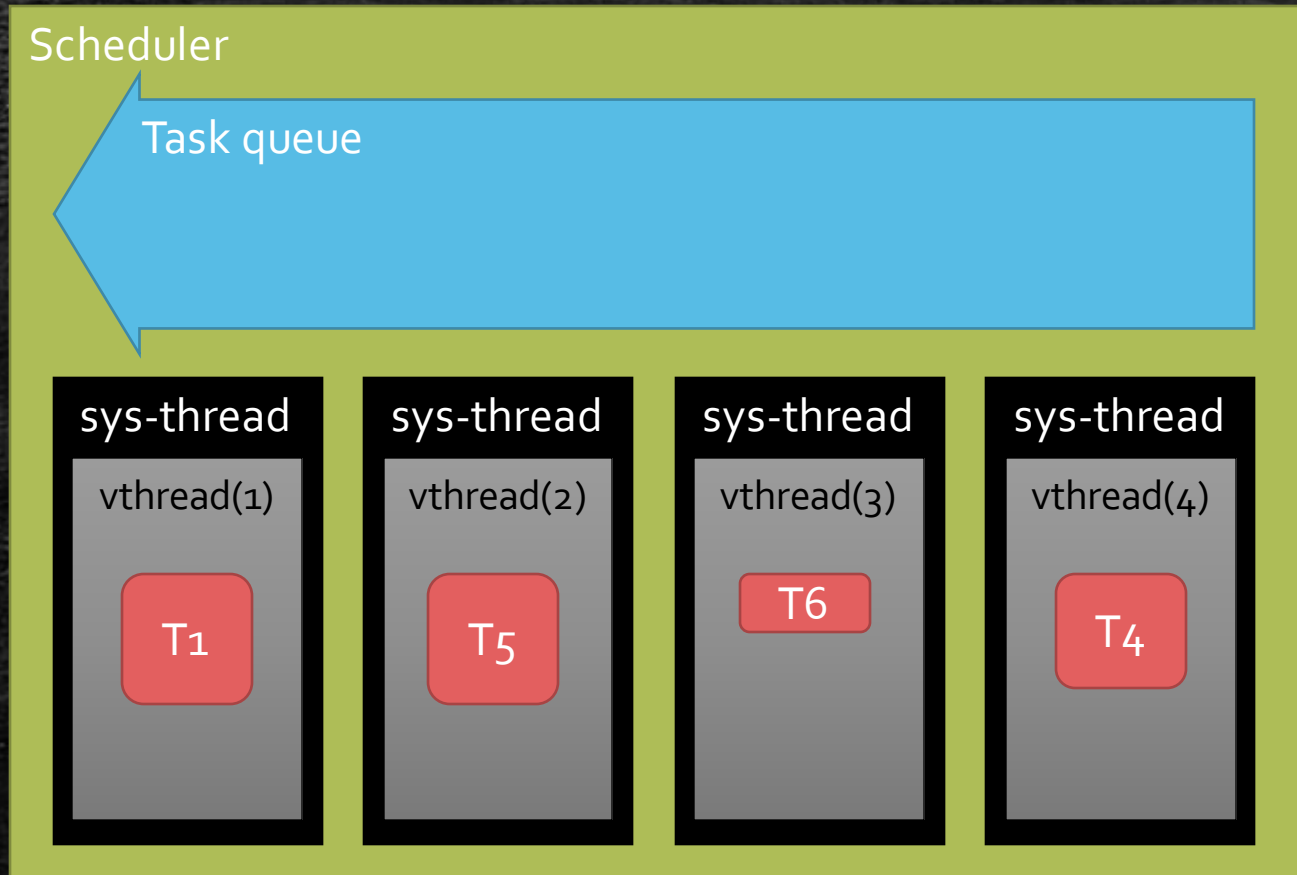
Assigning task T5



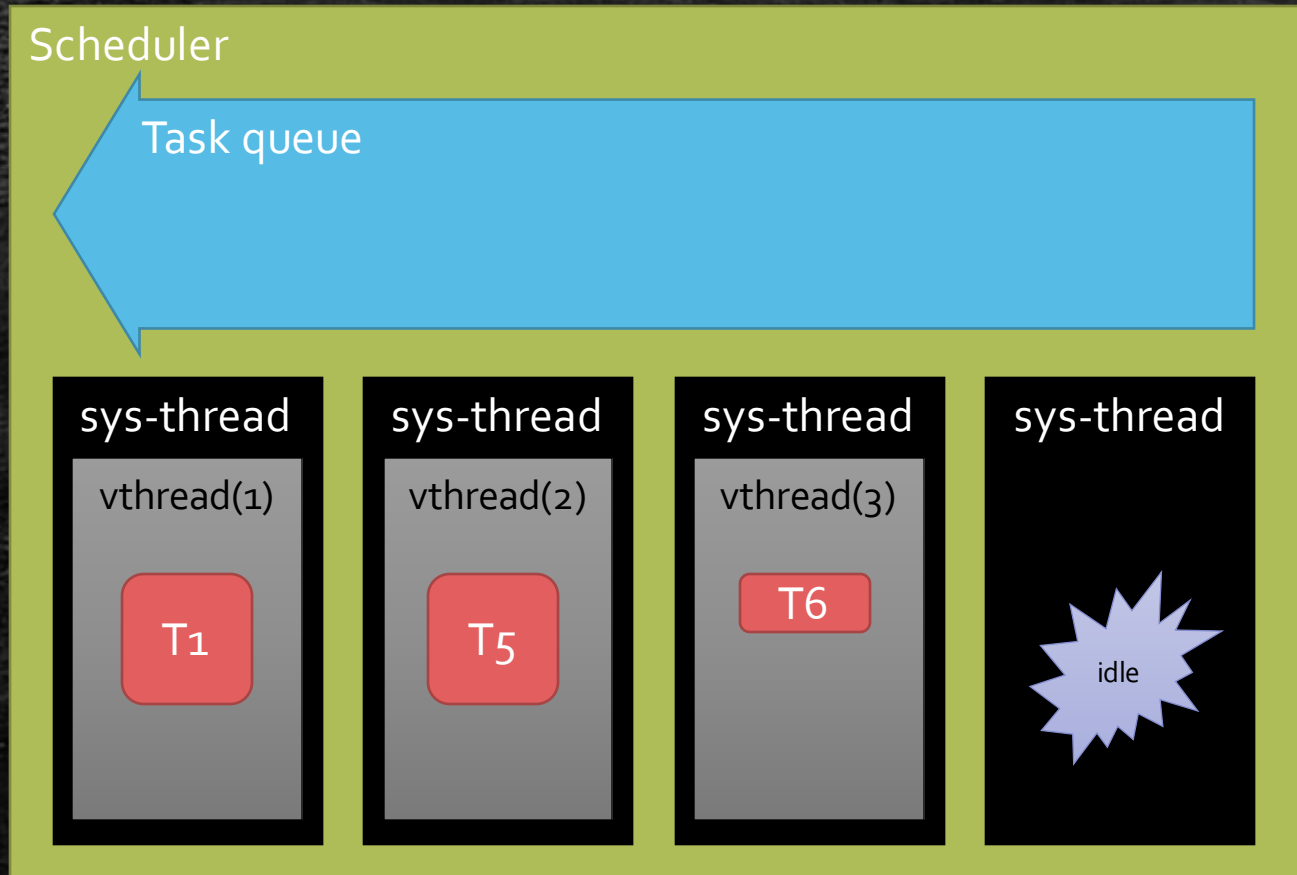
Assigning task T5



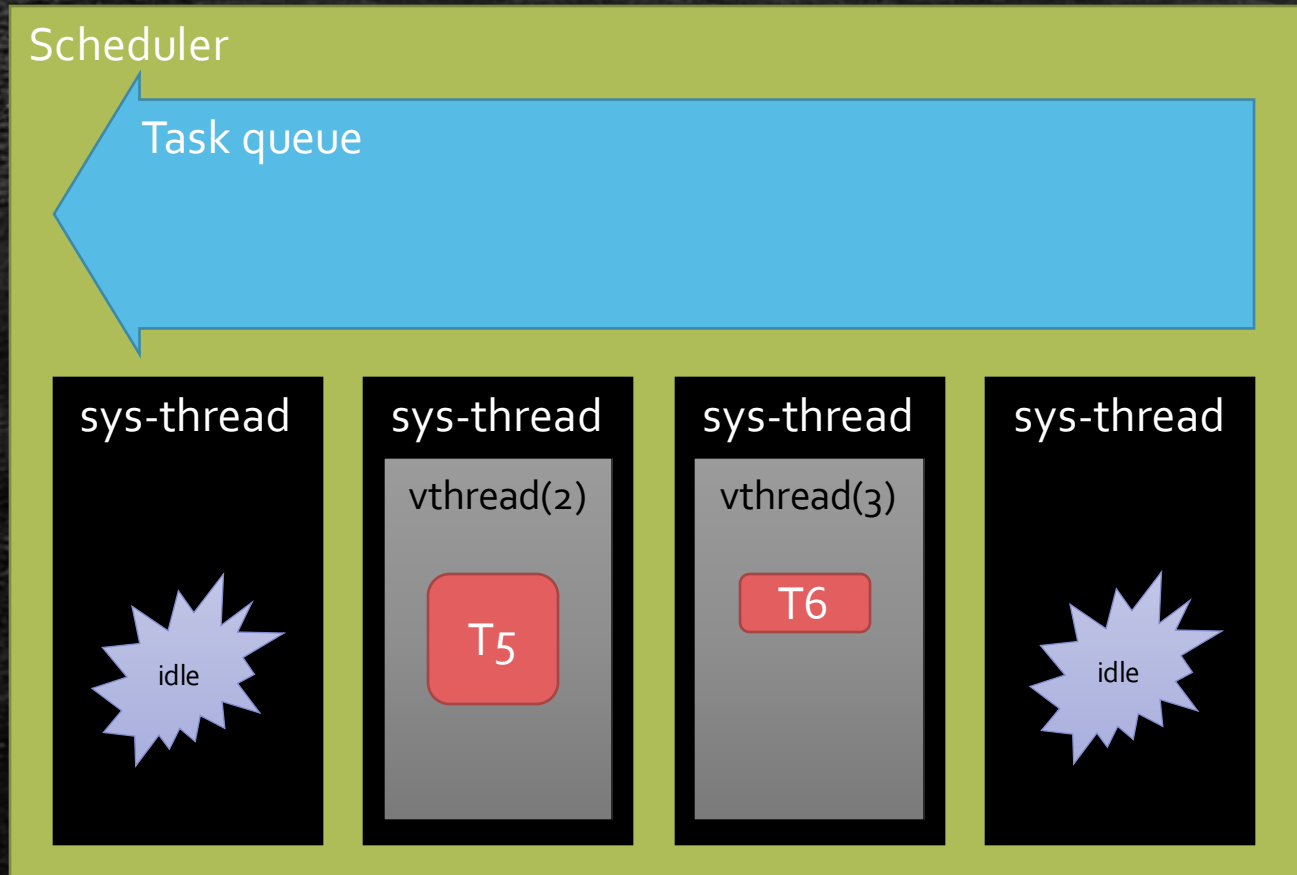
Assigning task T6



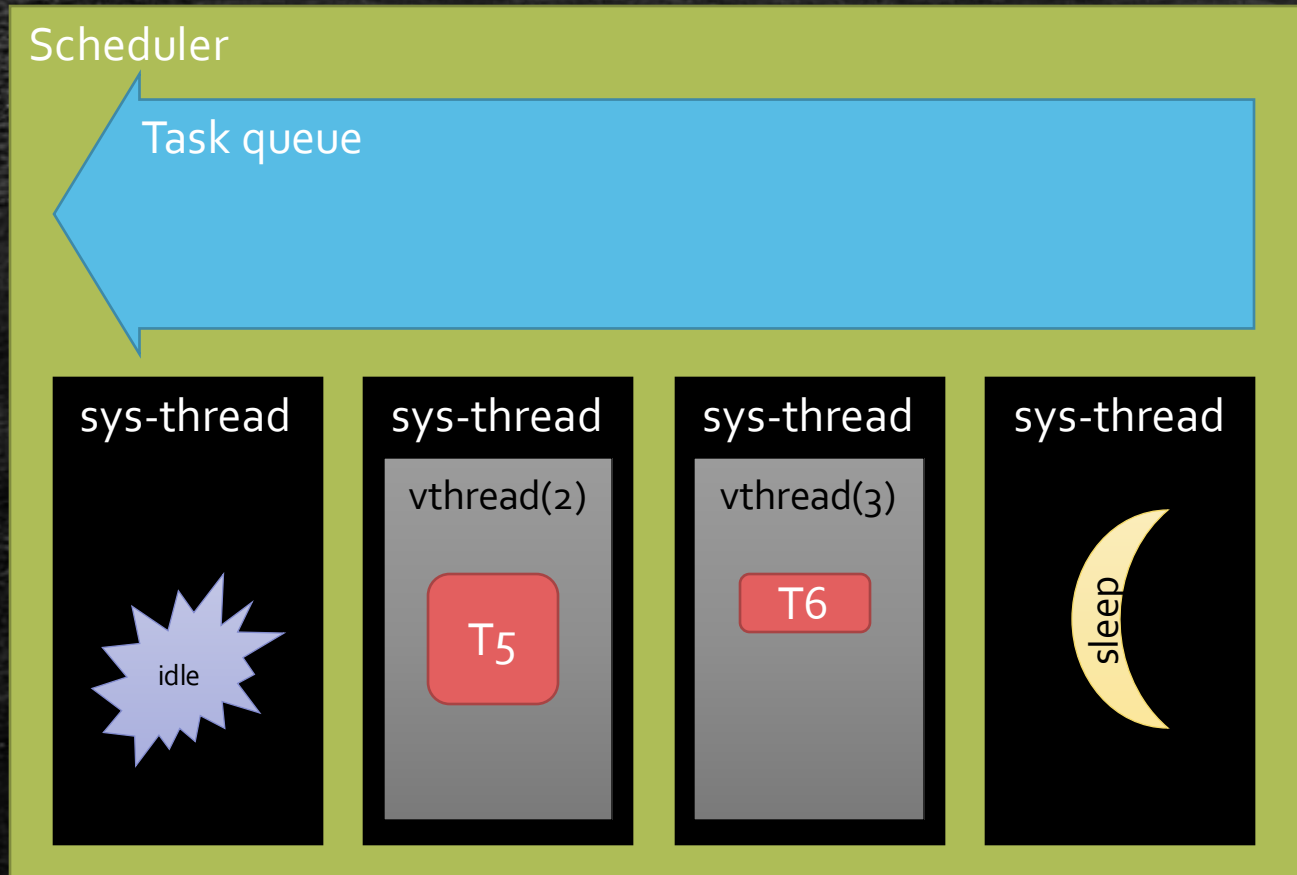
Sys thread idles



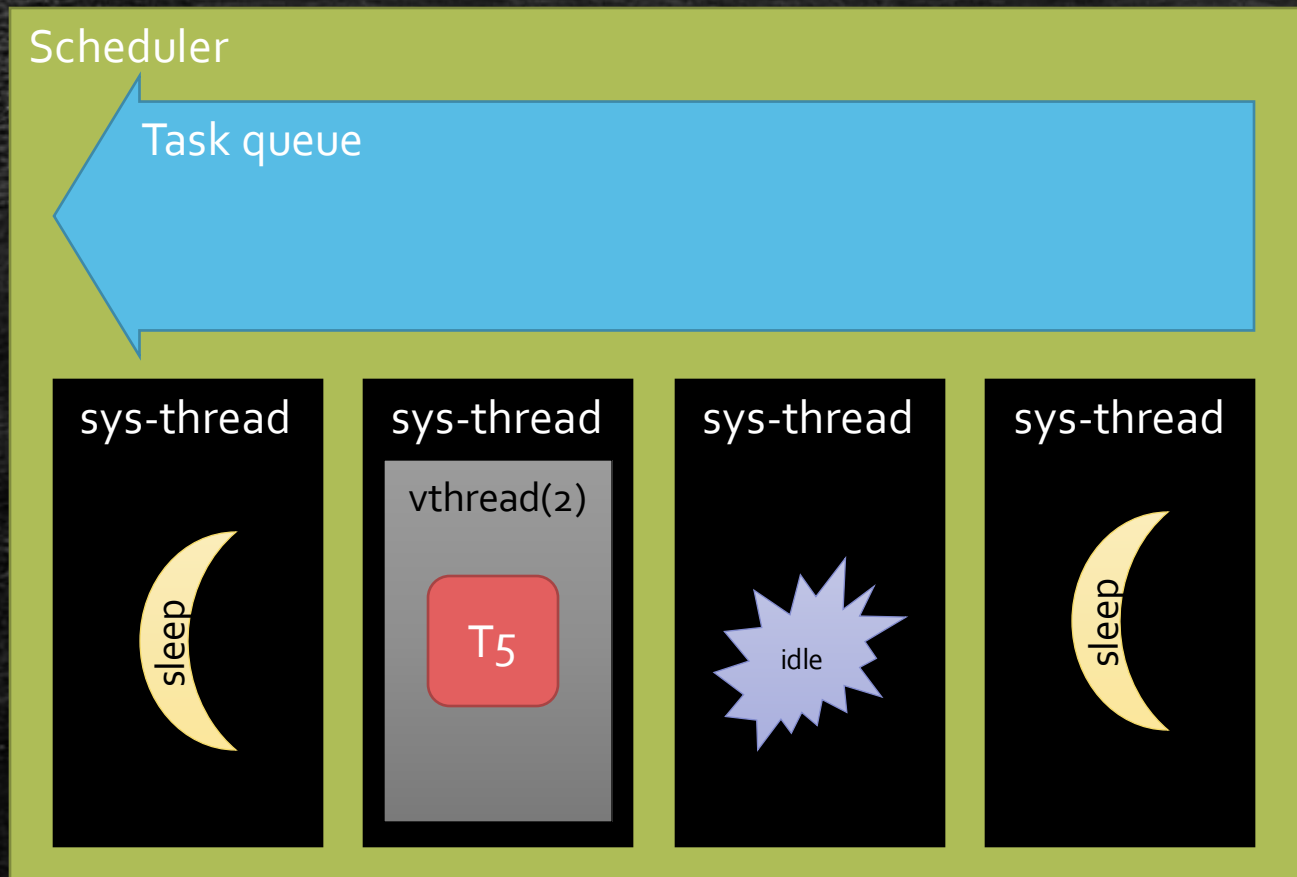
Sys threads idle



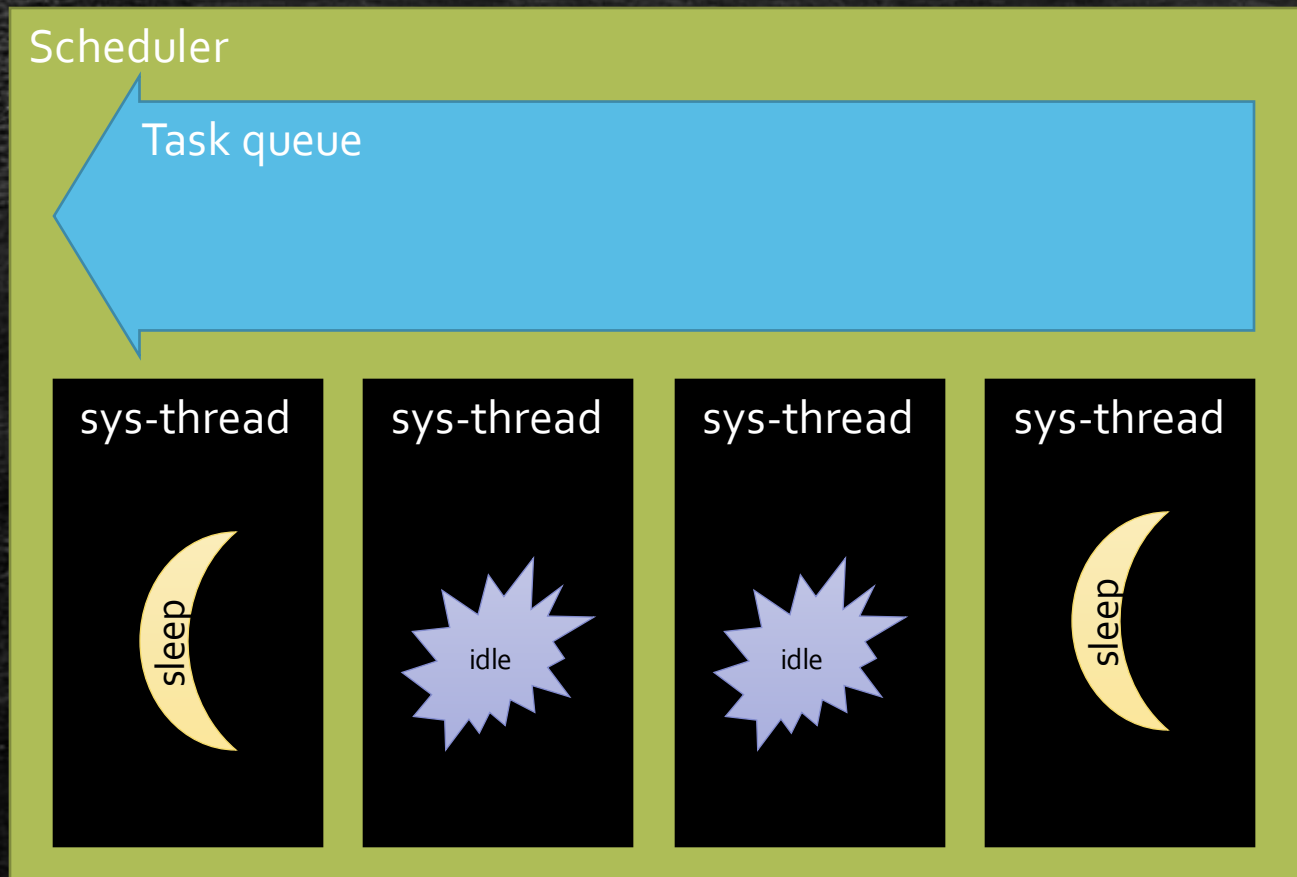
Sys thread goes to sleep



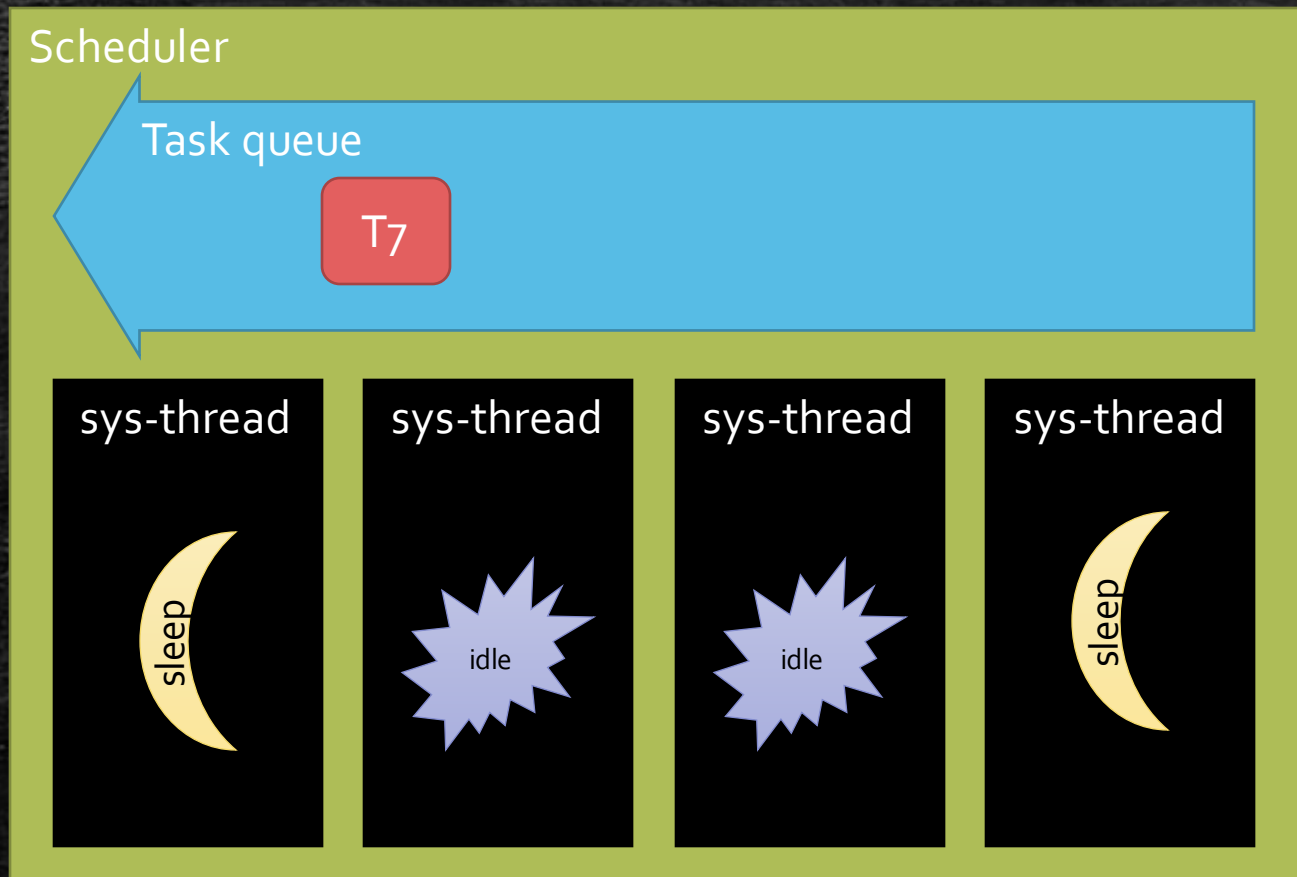
Sys thread sleeping



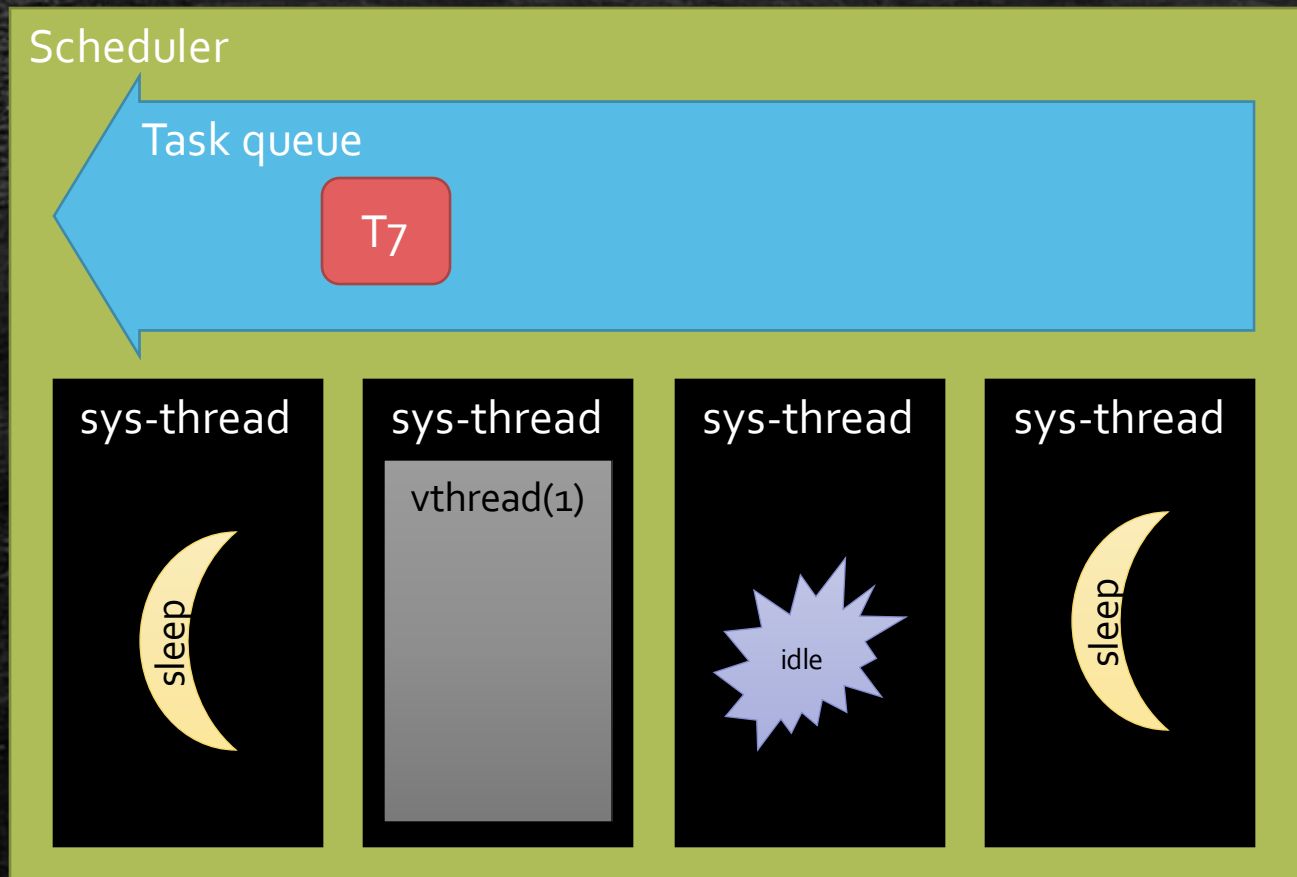
Sys thread sleeping and idling



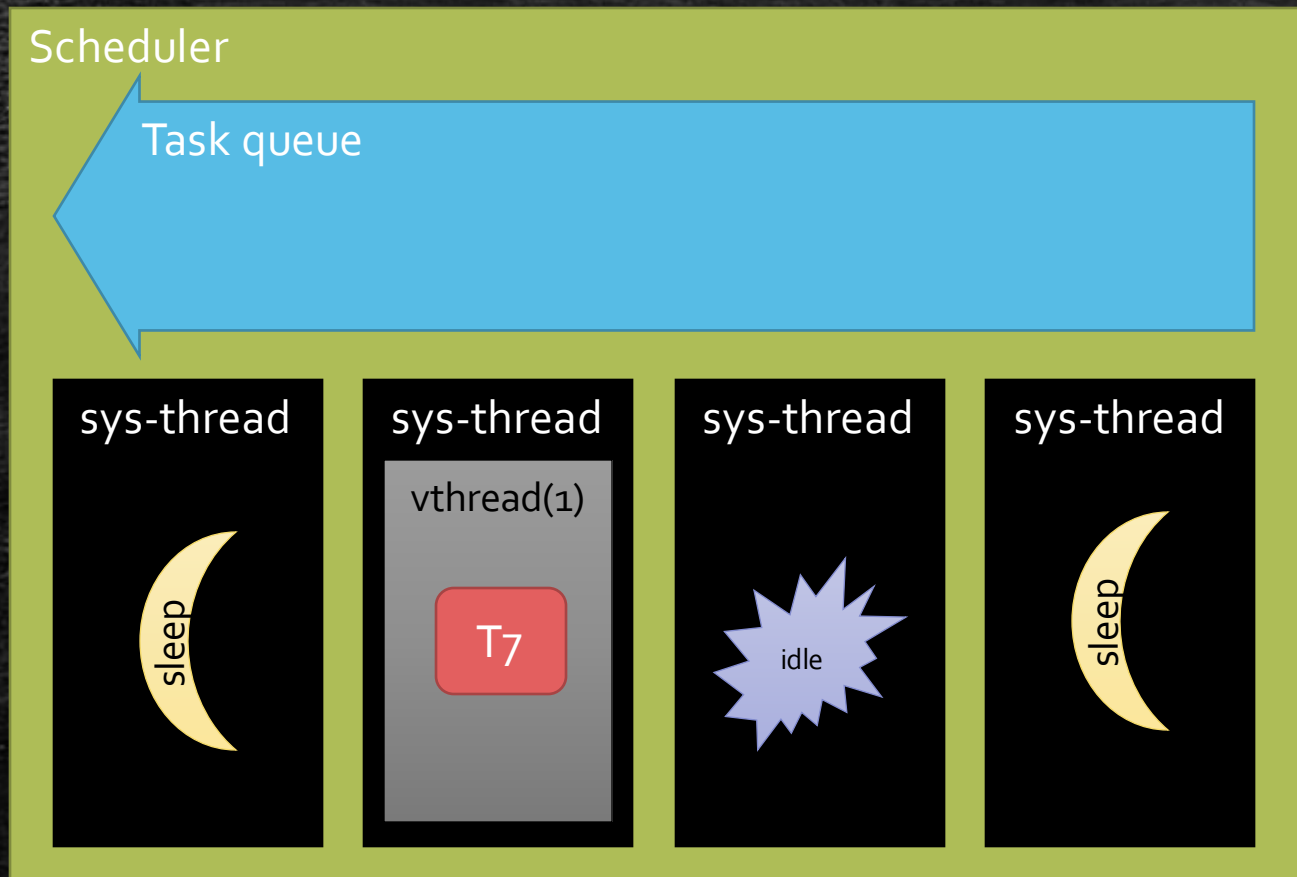
Processing task T7



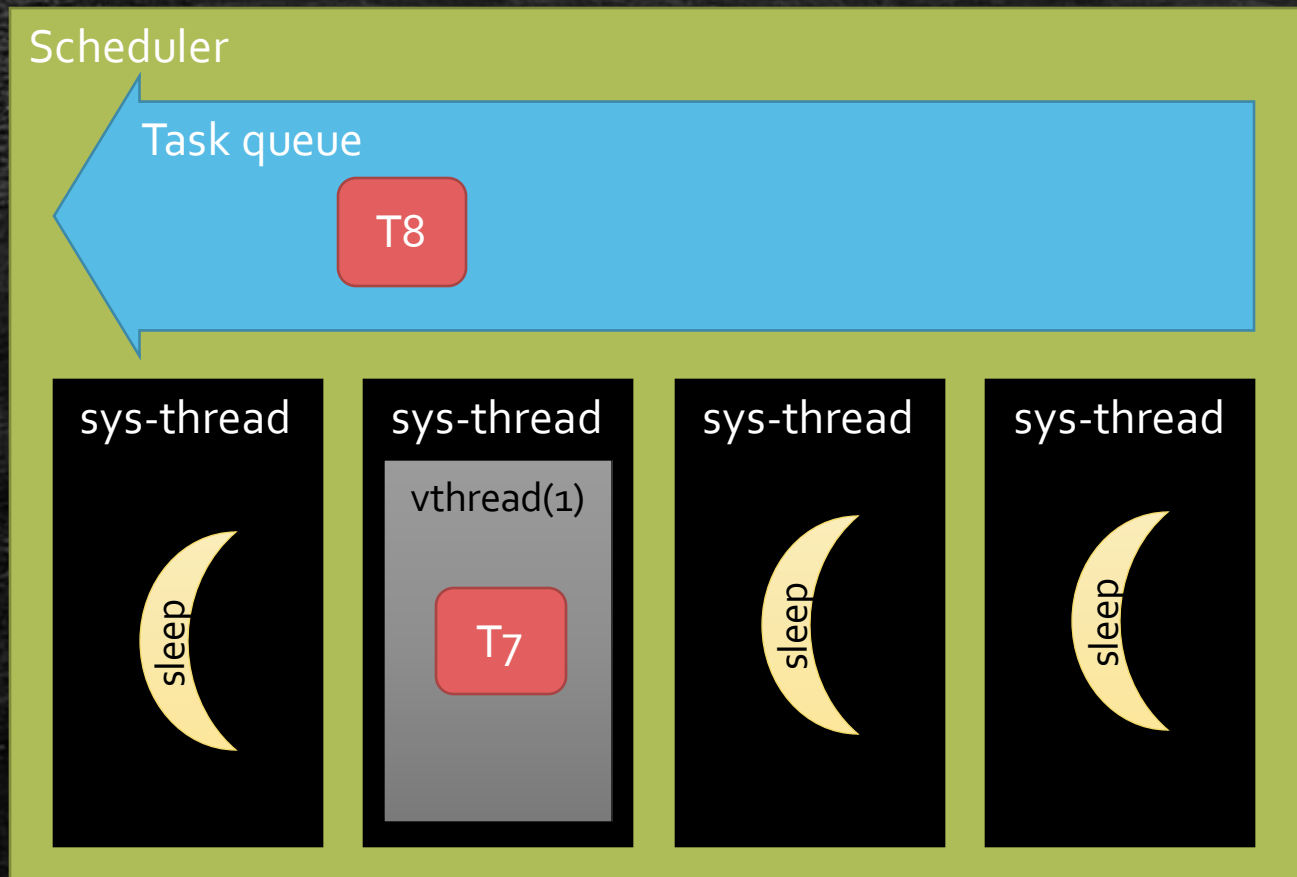
Processing task T7



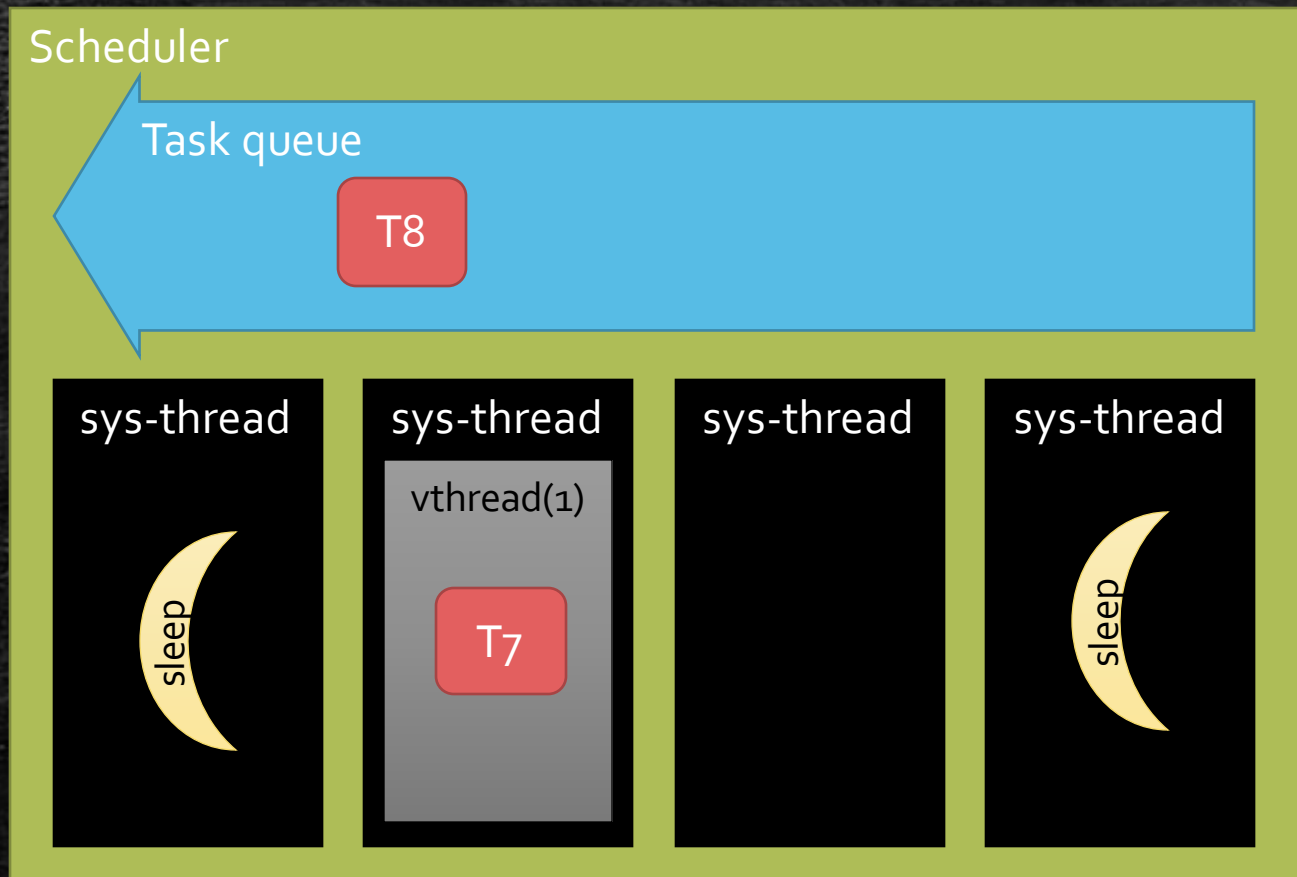
Processing task T7



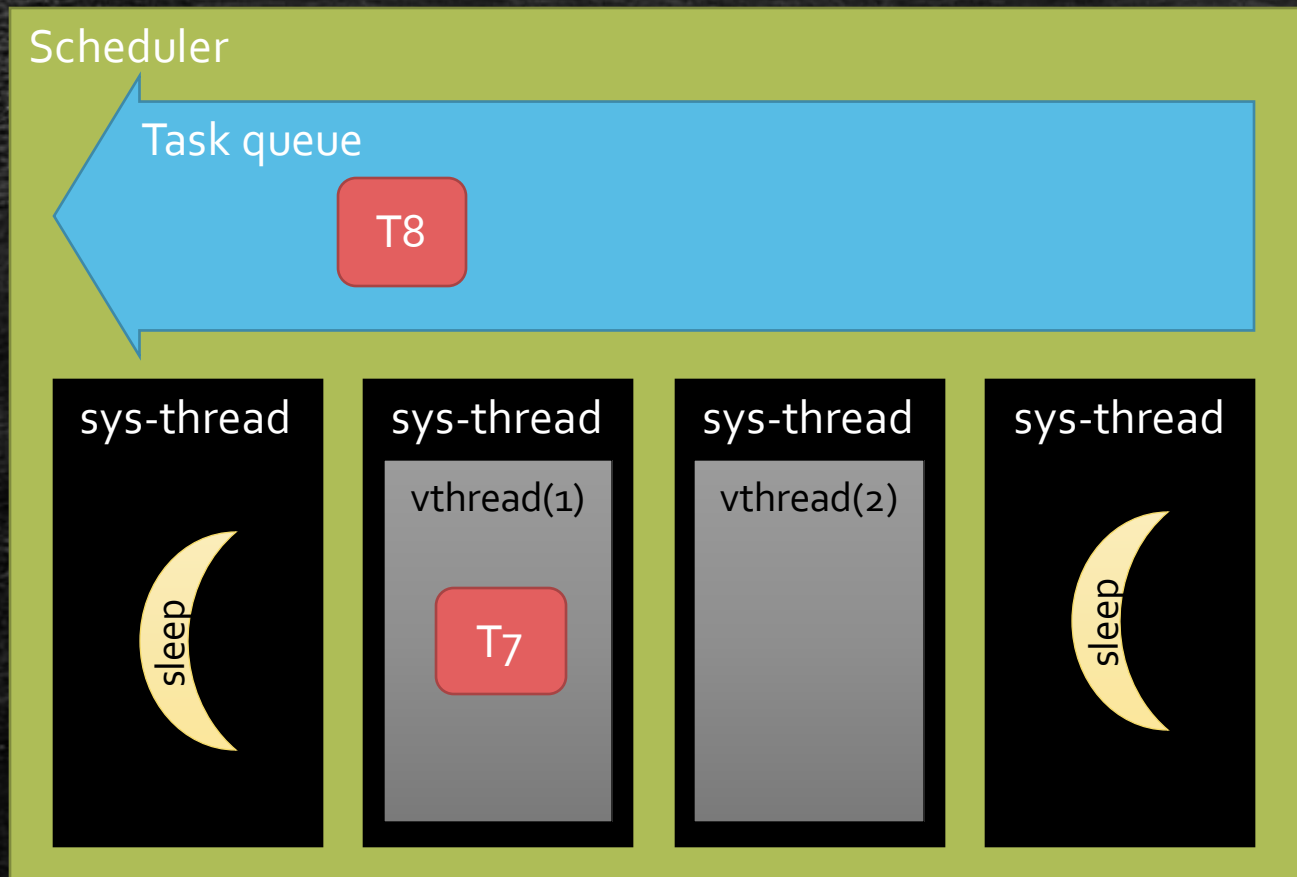
Processing task T7



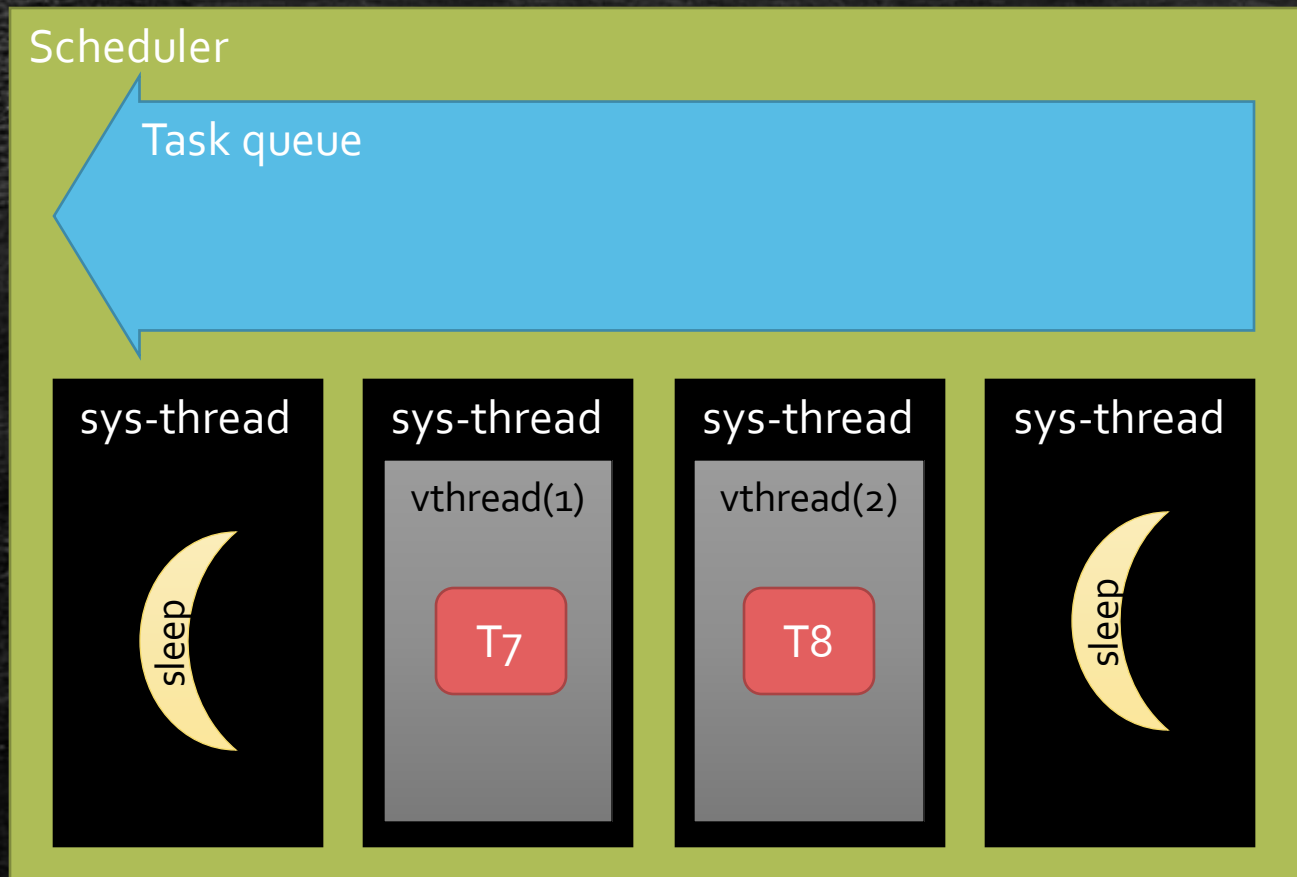
Wake up sys-thread



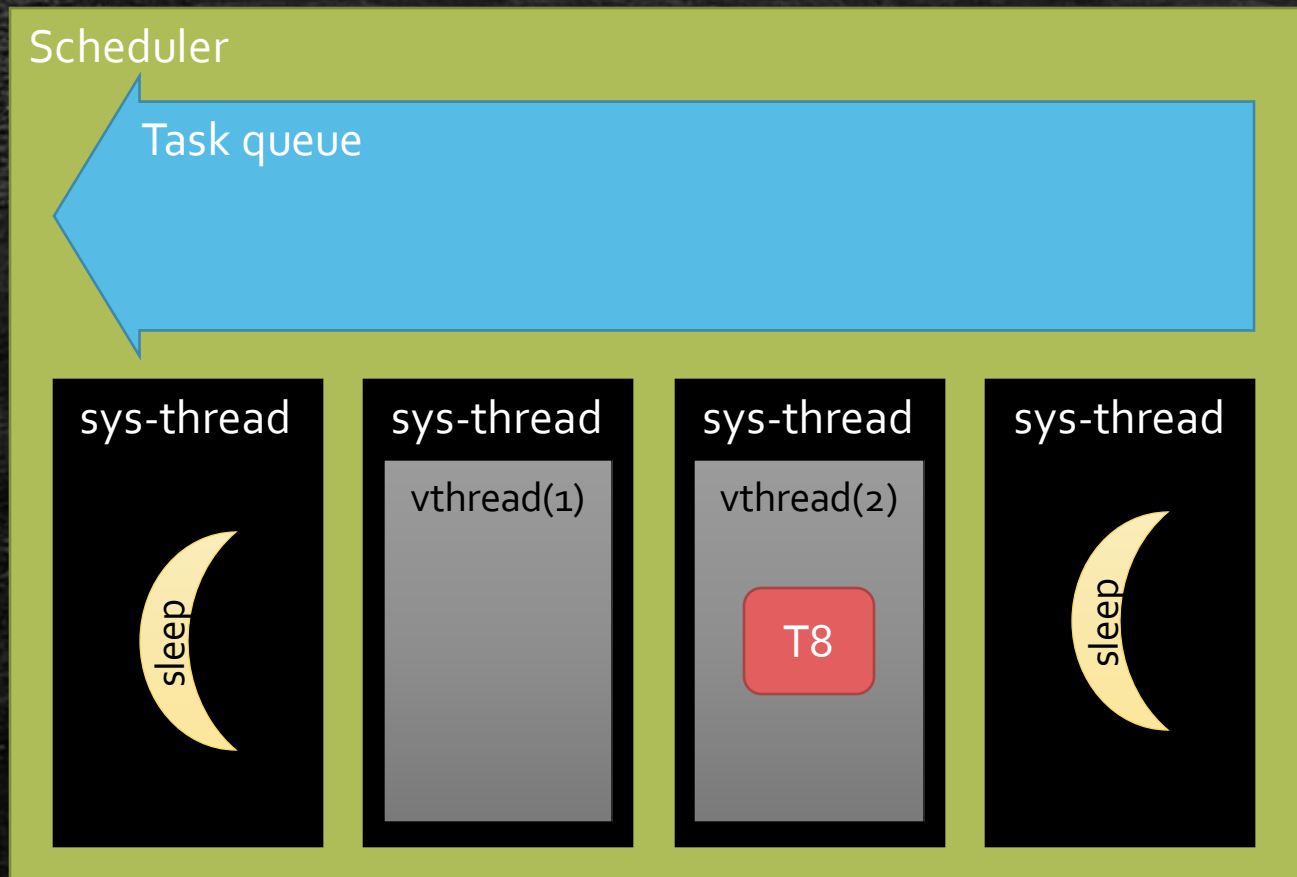
Processing task T8



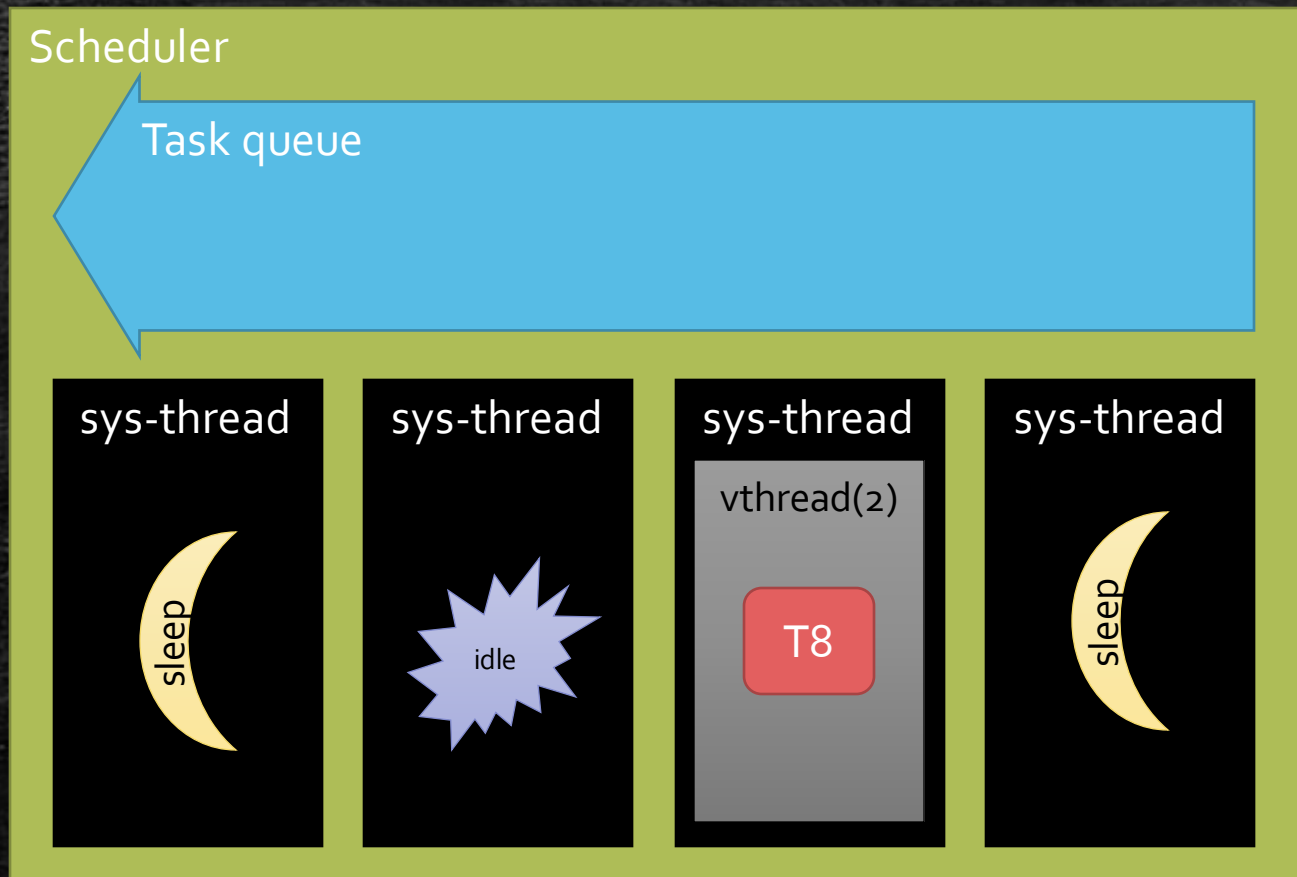
Processing task T8



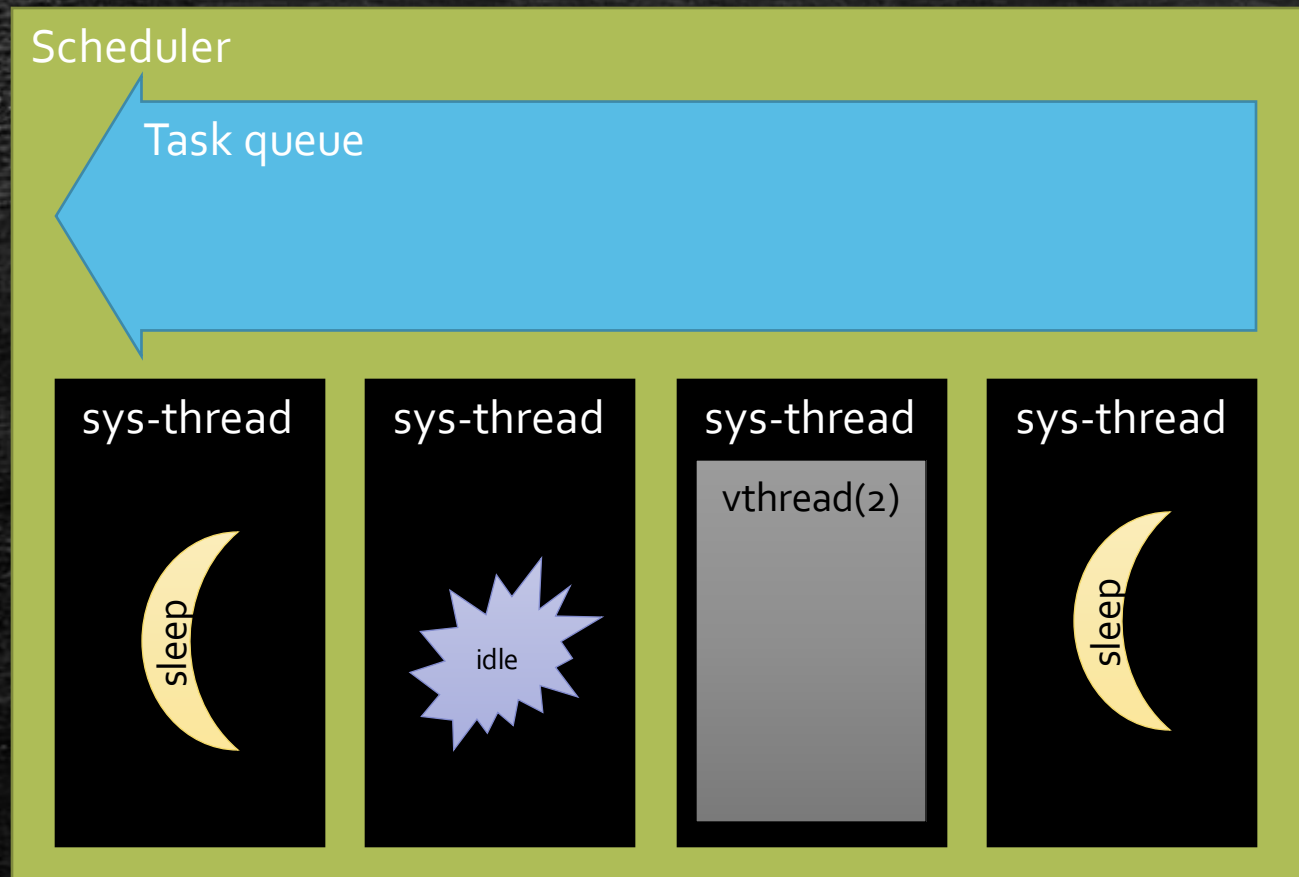
Processing task T8



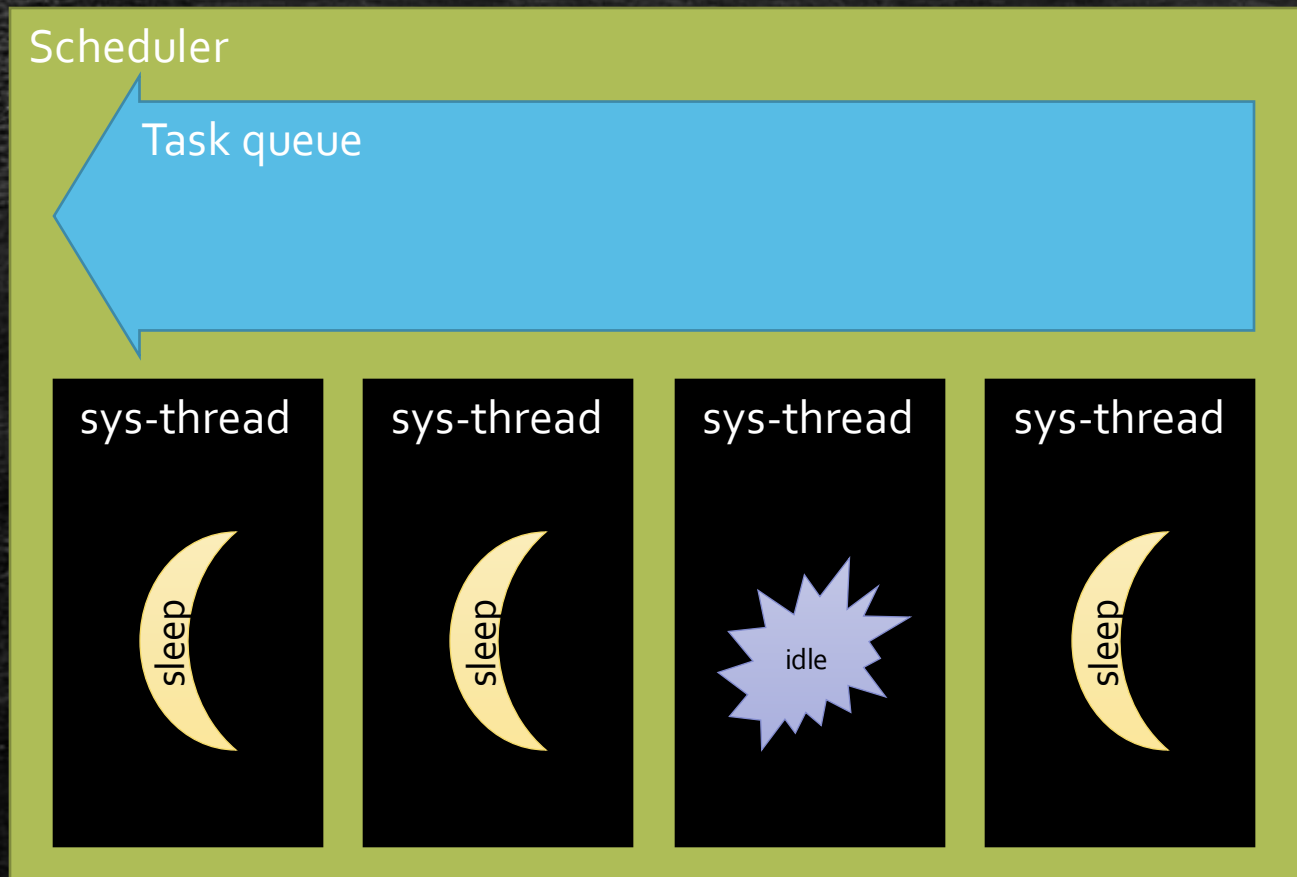
Processing task T8



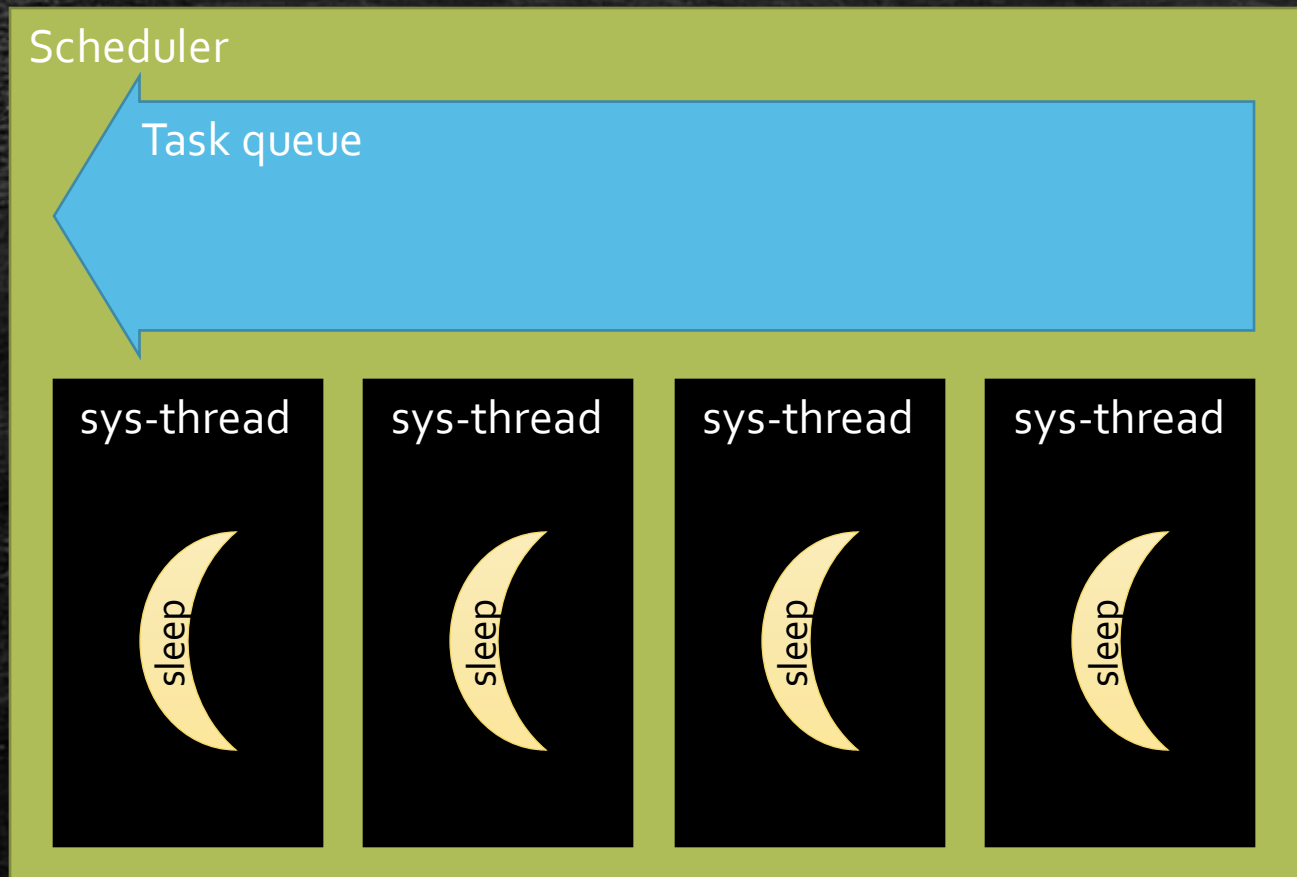
Shutting down



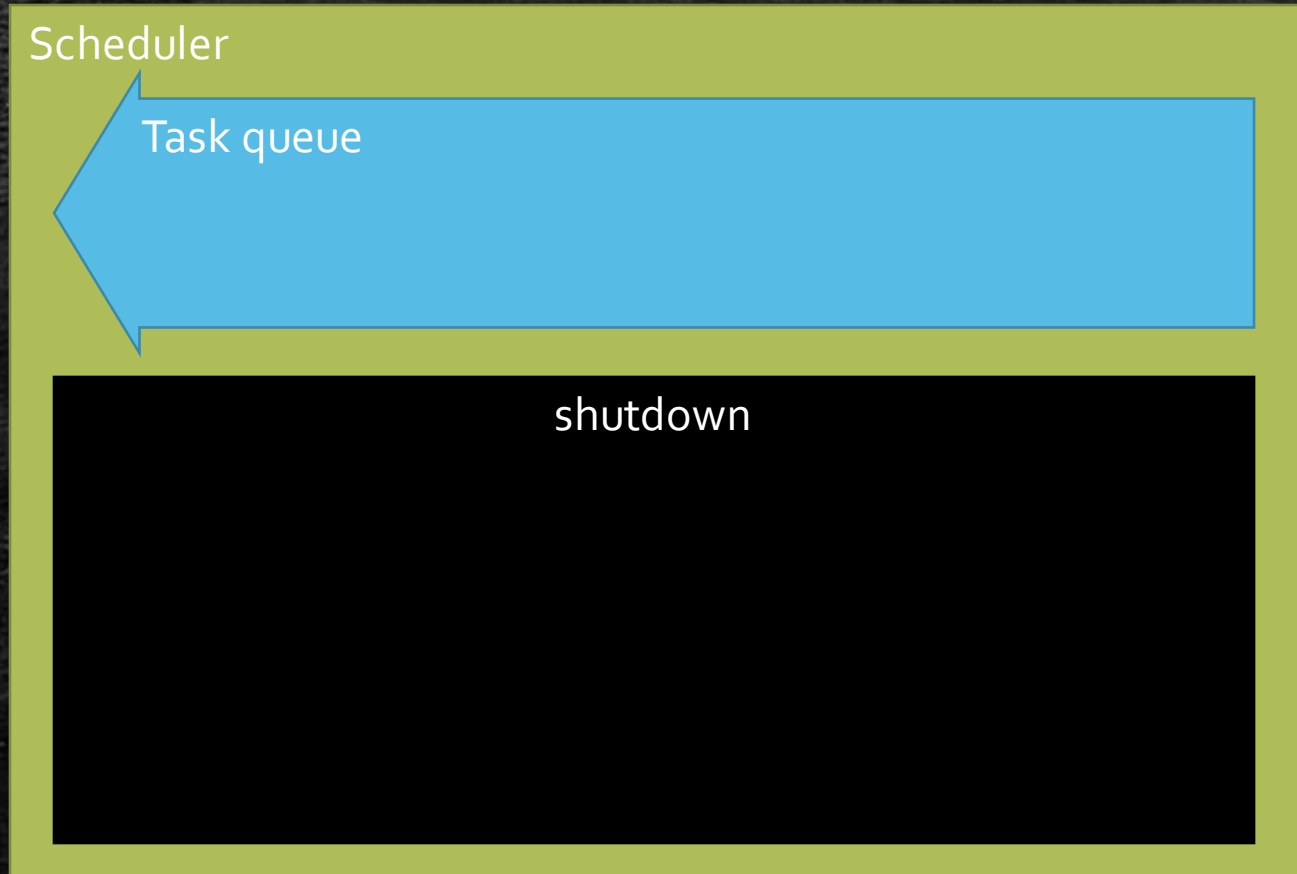
Shutting down



Shutting down



Shutting down



Other things

- Testing
 - Automatic tests in Recodex + manual testing
- Grading
 - 10 points maximum (functionality + code quality)
 - 20% for code quality