

0x4000:0000

0x3F00:0000

0x0040:0000

0x0000:0000

(0x0008:0000  
for QEMU)

IO regs

stack for  
the init task

kernel img

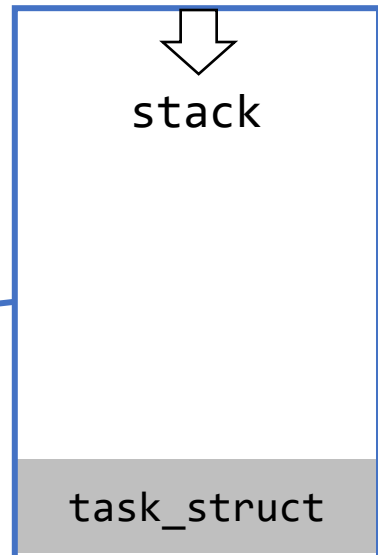
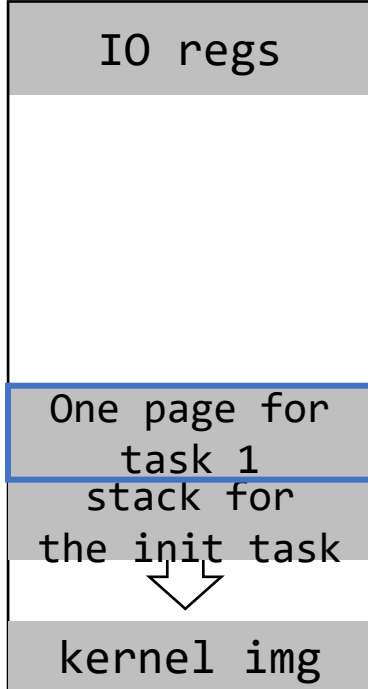
LOW\_MEMORY



0x4000:0000

0x3F00:0000

0x0040:0000



0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

IO regs

One page for  
task 2

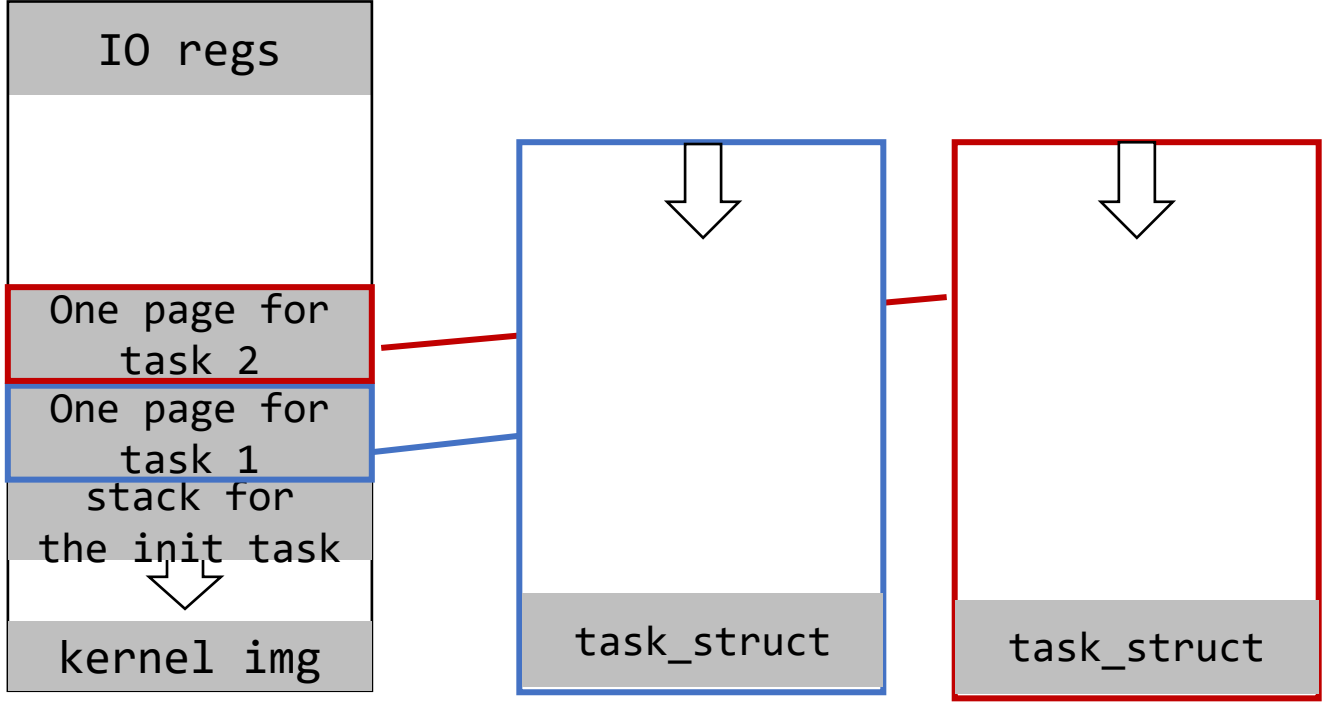
One page for  
task 1

stack for  
the init task

kernel img

task\_struct

task\_struct



0x4000:0000

0x3F00:0000

IO regs

0x0040:1000

0x0040:0000

0x0000:0000

One page for  
task 2

One page for  
task 1

stack for  
the init task

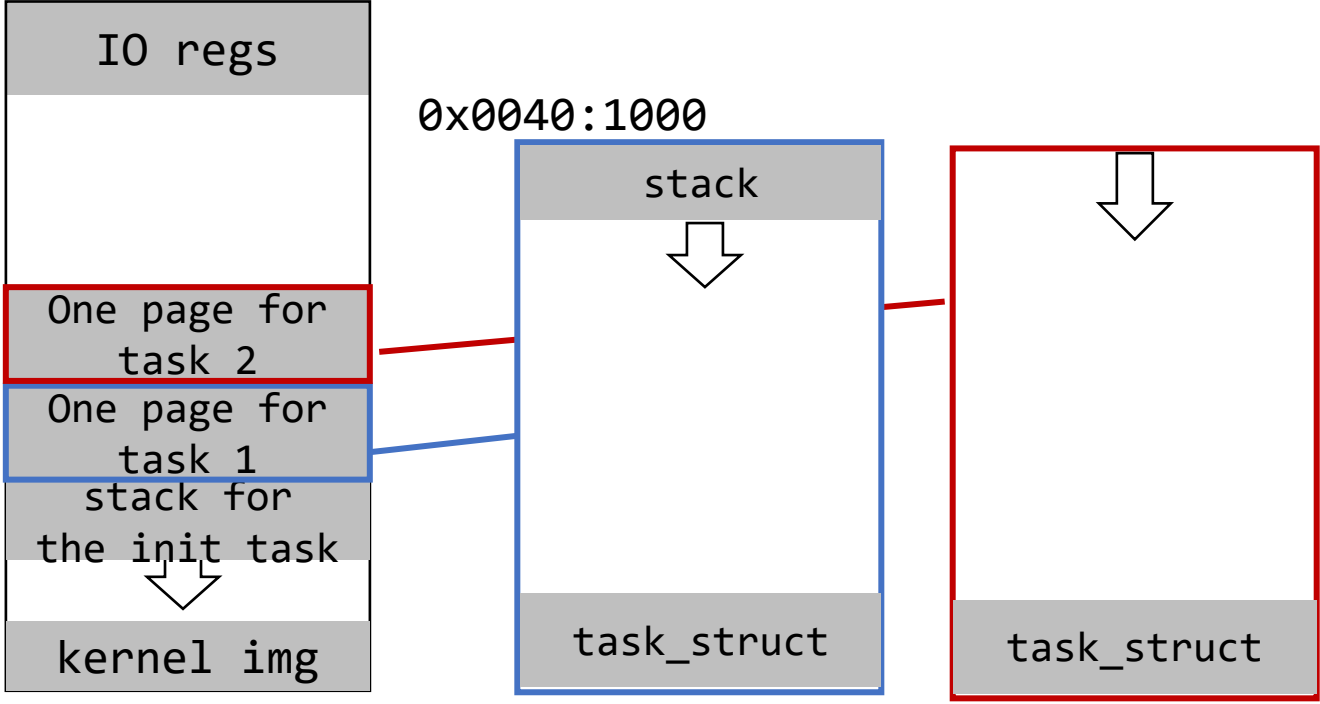
kernel img

0x0040:1000

stack

task\_struct

task\_struct



0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

0x0000:0000

IO regs

One page for  
task 2

One page for  
task 1

stack for  
the init task

kernel img

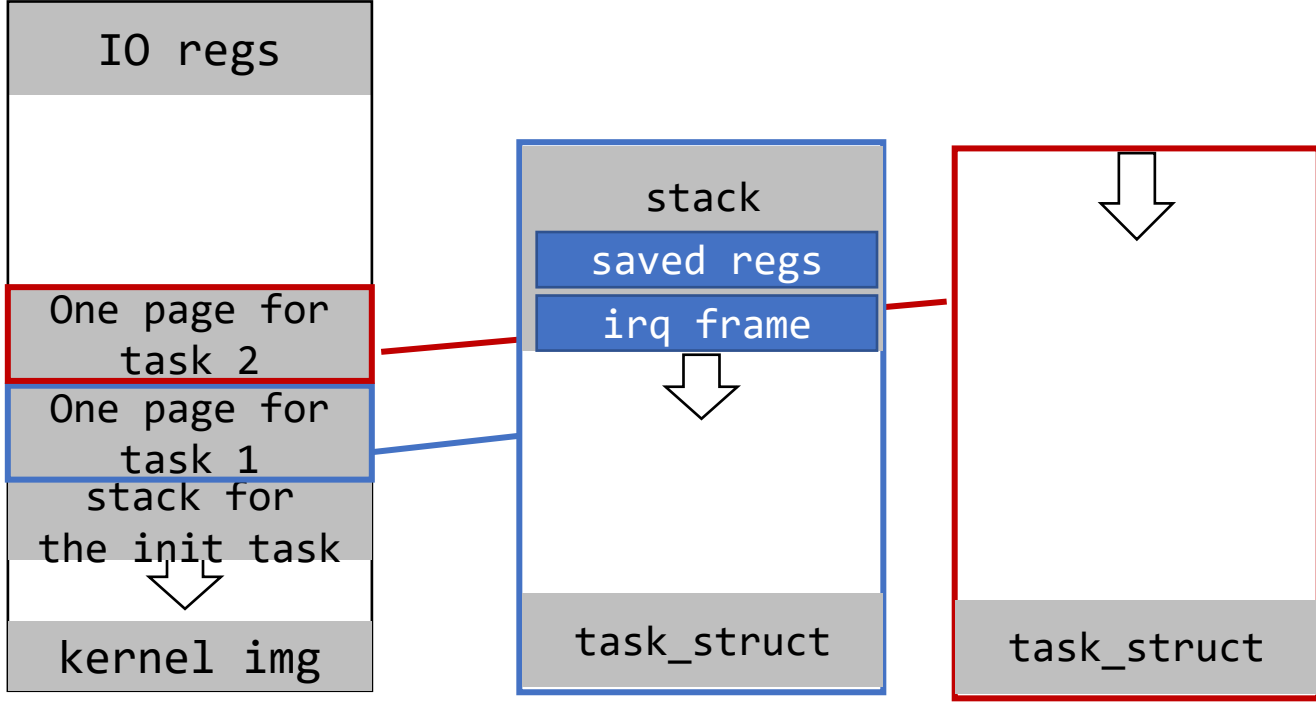
stack

saved regs

irq frame

task\_struct

task\_struct



0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

0x0000:0000

IO regs

One page for  
task 2

One page for  
task 1

stack for  
the init task

kernel img

stack

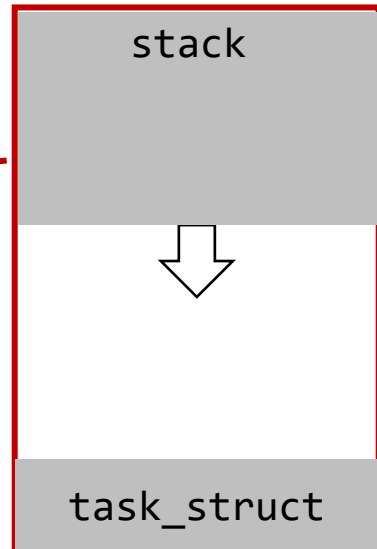
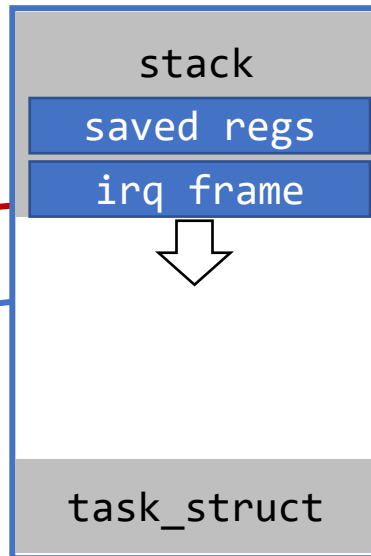
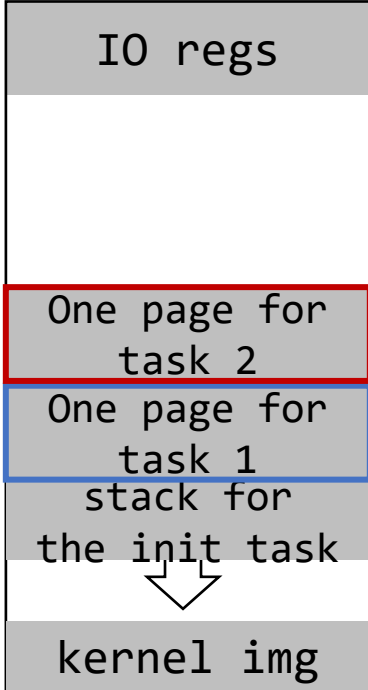
saved regs

irq frame

task\_struct

stack

task\_struct



0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

0x0000:0000

IO regs

One page for  
task 2

One page for  
task 1

stack for  
the init task

kernel img

stack

saved regs

irq frame

task\_struct

stack

saved regs

irq frame

task\_struct

0x4000:0000

0x3F00:0000

IO regs

0x0040:1000

One page for  
task 2

0x0040:0000

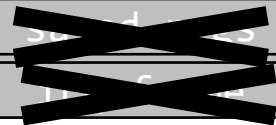
One page for  
task 1

stack for  
the init task

0x0000:0000

kernel img

stack



task\_struct

stack

saved regs

irq frame



task\_struct



0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

0x0000:0000

IO regs

One page for  
task 2

One page for  
task 1

stack for  
the init task

kernel img

stack



task\_struct

stack

saved regs

irq frame



task\_struct

0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

0x0000:0000

IO regs

One page for  
task 2

One page for  
task 1

stack for  
the init task

kernel img

stack

task\_struct

stack

saved regs

irq frame

task\_struct

