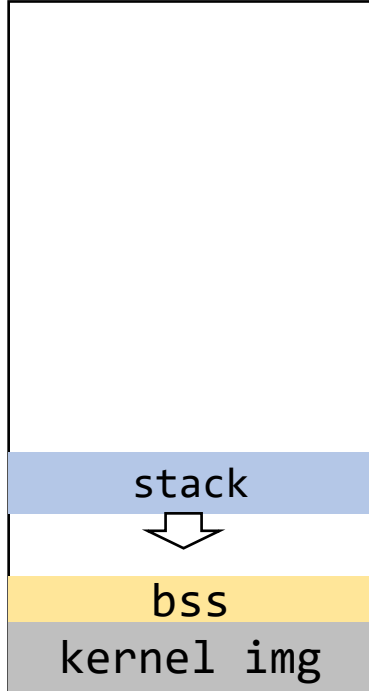


0x4000:0000

LOW_MEMORY
0x0040:0000

0x0000:0000
(0x0008:0000
for QEMU)

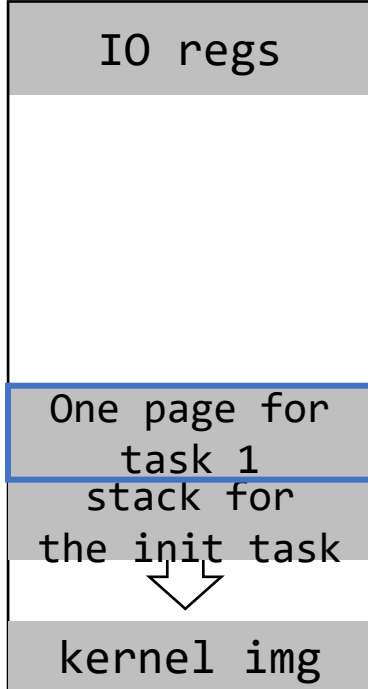


Memory space NOT
drawn to scale

0x4000:0000

0x3F00:0000

0x0040:0000



IO regs

One page for
task 1
stack for
the init task

kernel img



stack

task_struct

0x4000:0000

0x3F00:0000

0x0040:1000

0x0040:0000

IO regs

One page for
task 2

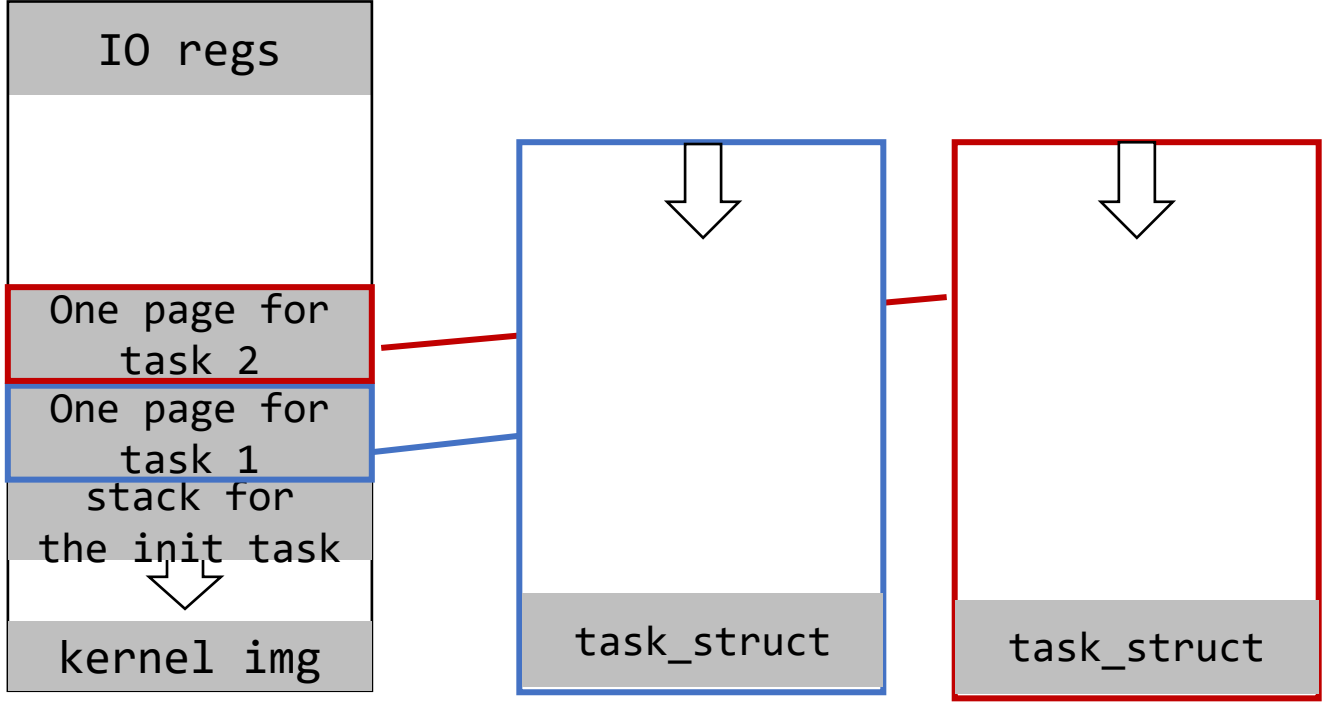
One page for
task 1

stack for
the init task

kernel img

task_struct

task_struct



0x4000:0000

0x3F00:0000

IO regs

0x0040:1000

0x0040:0000

One page for
task 2

One page for
task 1

stack for
the init task

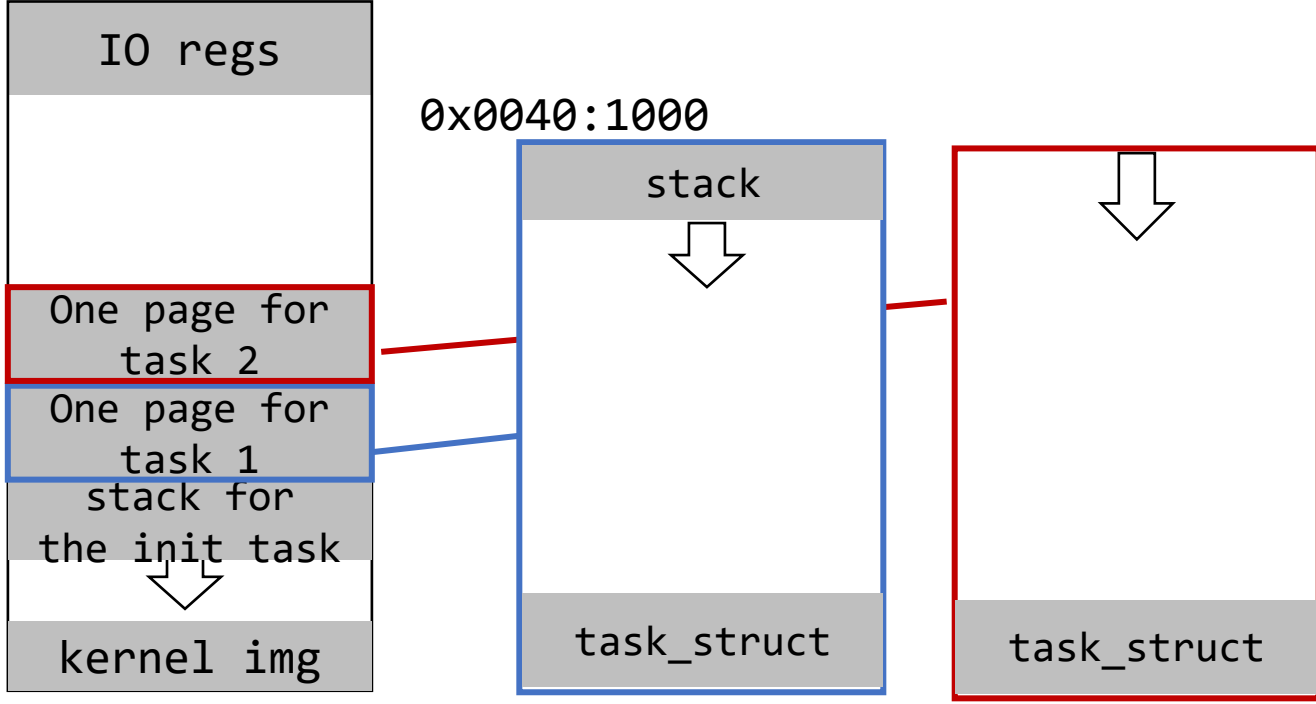
kernel img

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

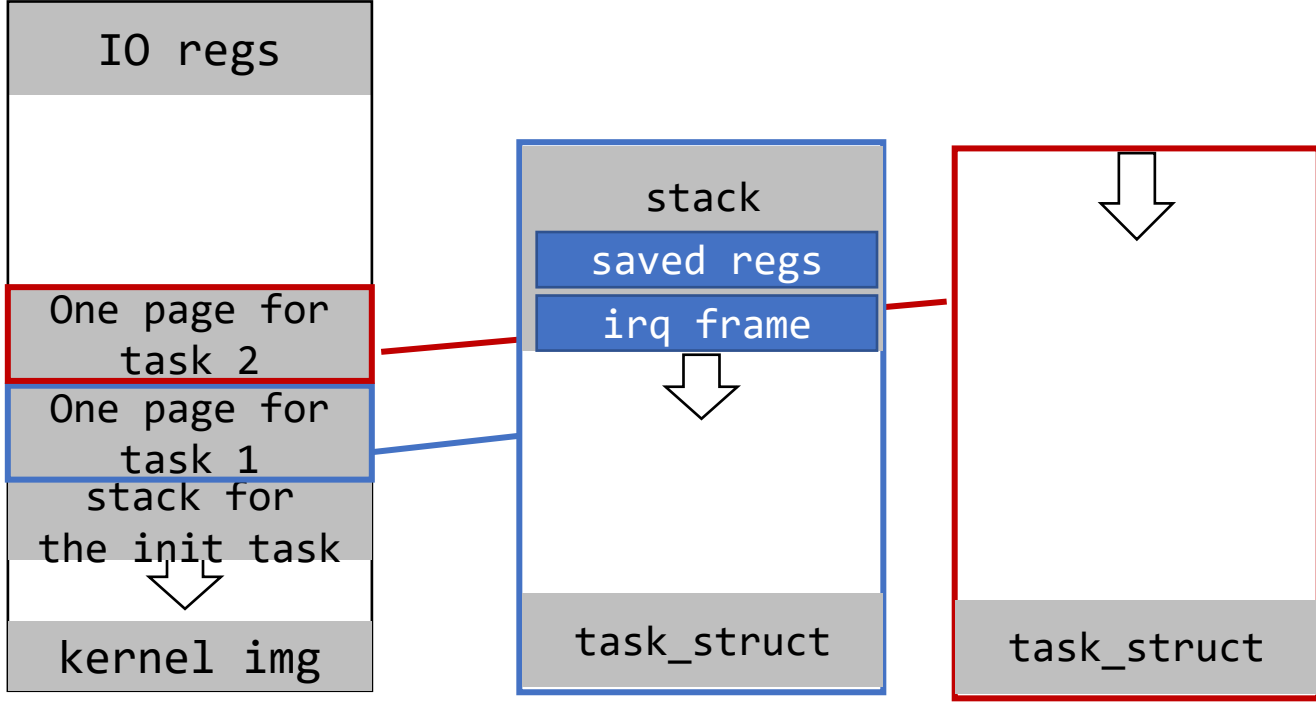
stack

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

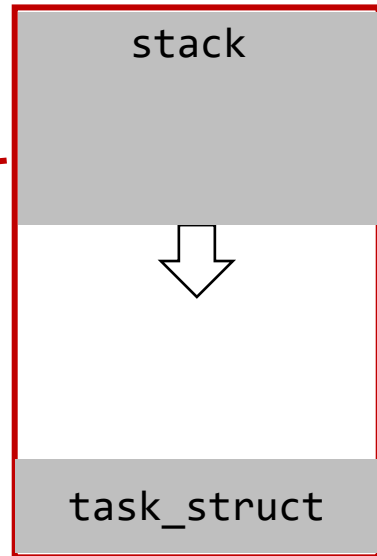
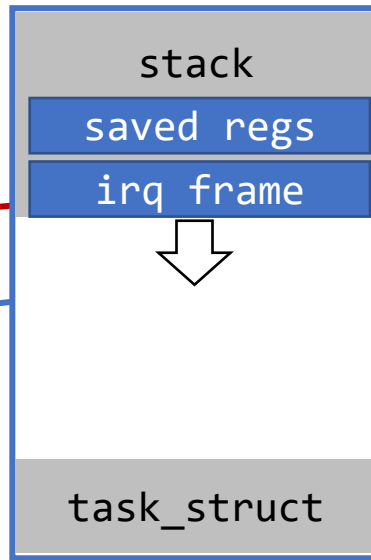
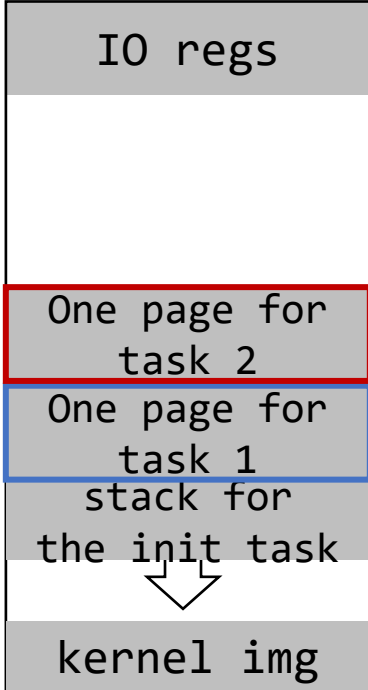
saved regs

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

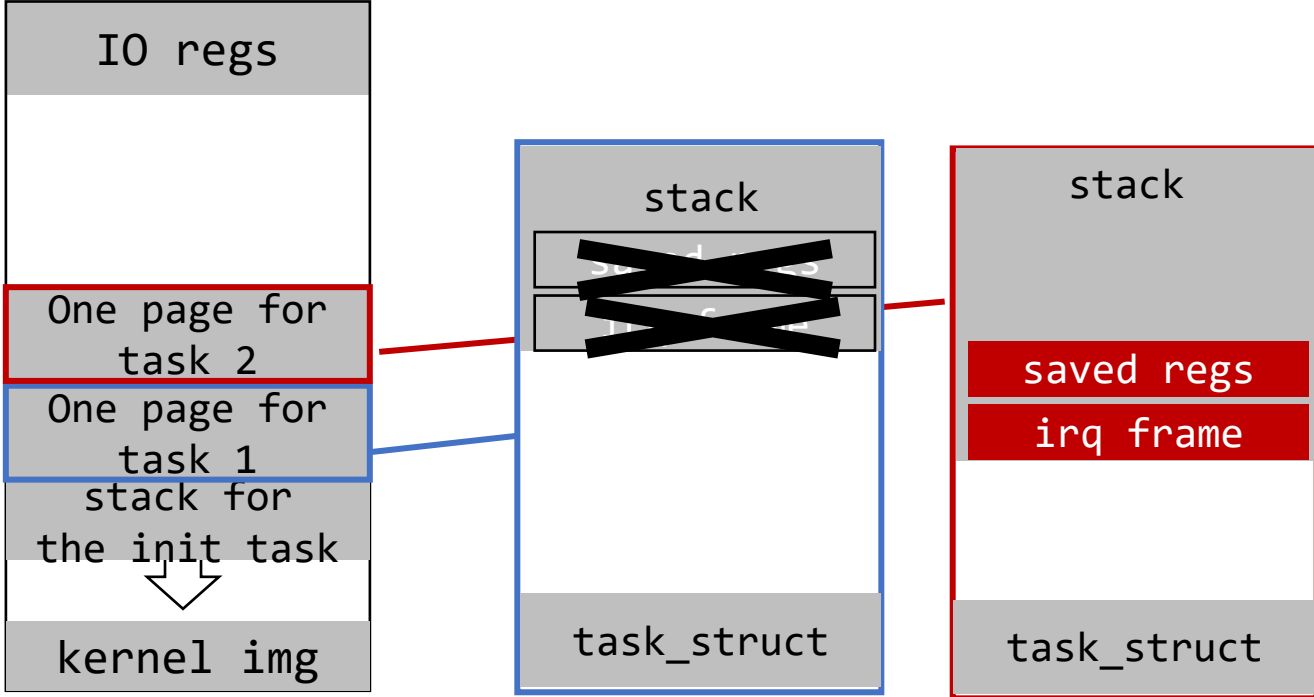
stack

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



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

