

CS208

Mon, 22 May 2023

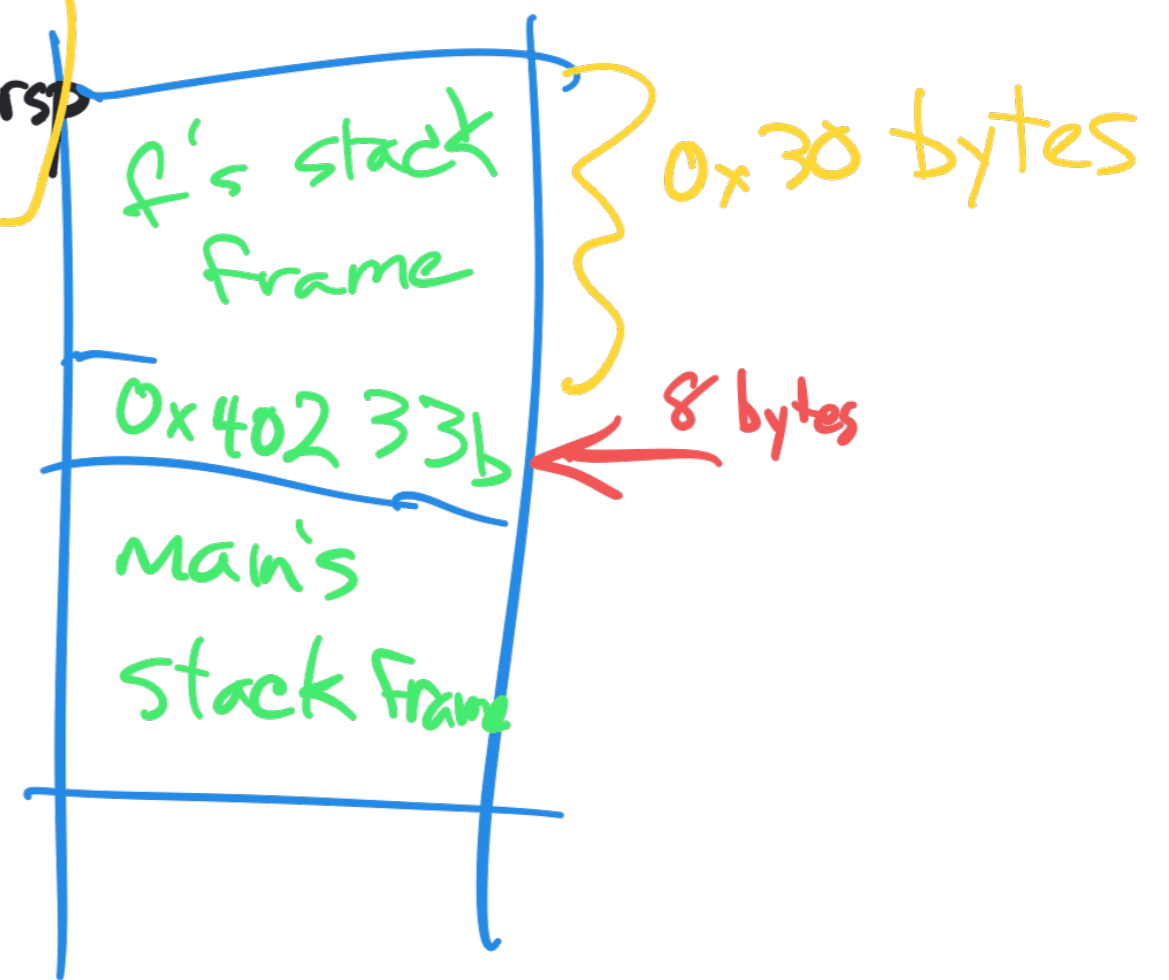
```
int main() {  
    int x = 6;  
    int y = 7;  
    int z = f(x,y);  
    .  
    .  
    .  
    mov 6, %rdi  
    mov 7, %rsi  
    call q 0x_ <f>  
}
```

What does this
do?



0x40130a <f>
0x401310 <f+6>

sub 0x30, %rsp



0x402 ← main + ?

⋮
0x402336 <main + 49>
0x40233b <main + 54>

callq 0x40130a <f>

- ① push return addr onto stack
- ② Set rip

ie. jump to f → = 0x40130a