Global offset table (GOT)

GOT[0]: ...
GOT[1]: ...
GOT[2]: ...
GOT[3]: &addcnt

Data segment

Fixed distance of 0x2008b9 bytes at run time between GOT[3] and addl instruction.

Code segment

addvec:
    mov 0x2008b9(%rip),%rax  # %rax=*GOT[3]=&addcnt
    addl $0x1,(%rax)        # addcnt++