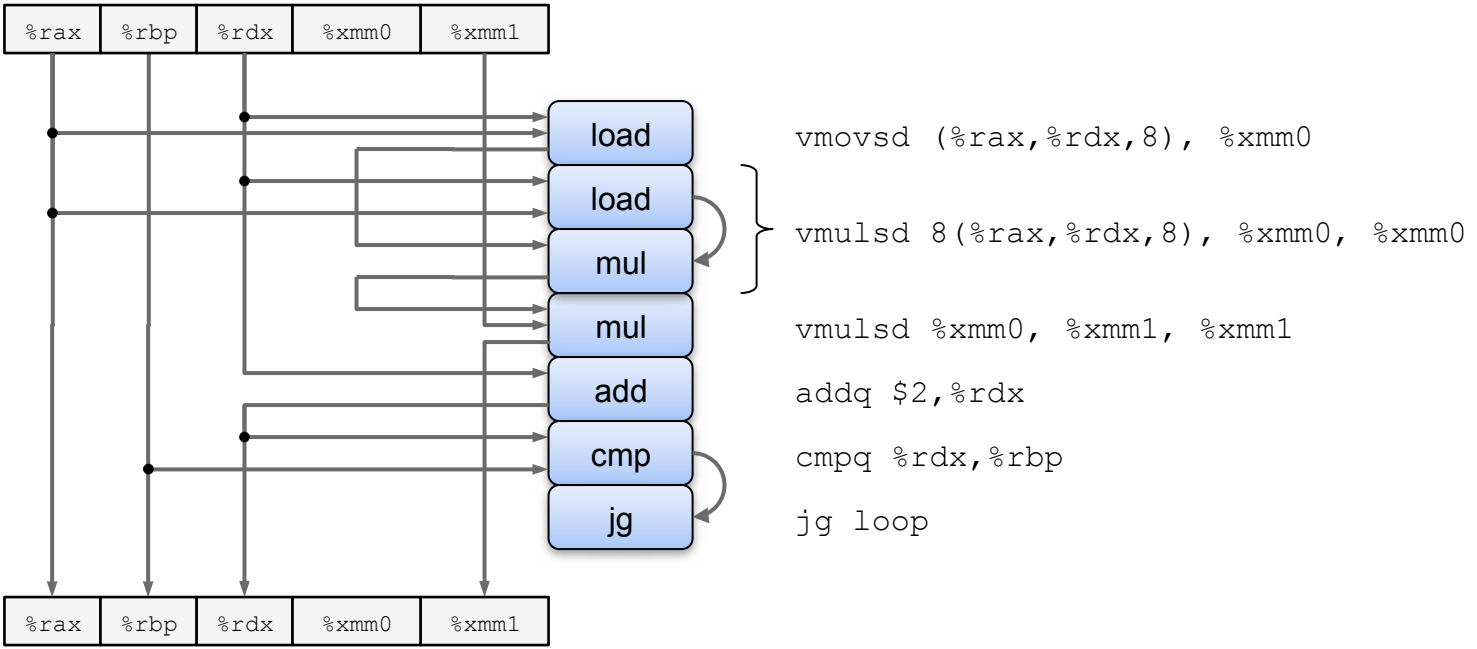
%rax
%rbp
%rdx
%xmm0
%xmm1
load
load
mul
mul
add
cmp
jg
%rax
%rbp
%rdx
%xmm0
%xmm1
vmovsd (%rax,%rdx,8), %xmm0
vmulsd 8(%rax,%rdx,8), %xmm0, %xmm0
vmulsd %xmm0, %xmm1, %xmm1
addq $2,%rdx
cmpq %rdx,%rbp
jg loop