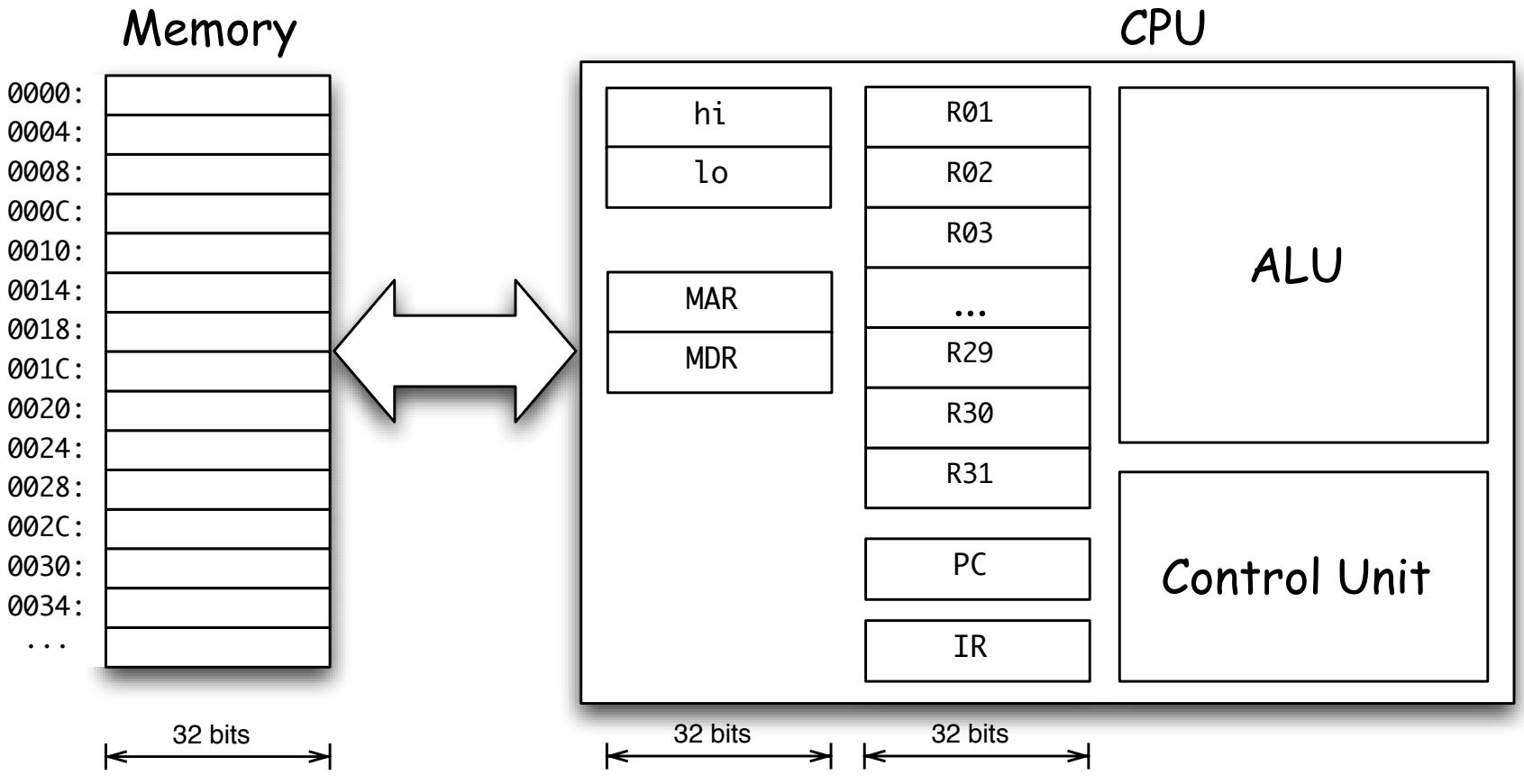
Memory
0000:
0004:
0008:
000C:
0010:
0014:
0018:
001C:
0020:
0024:
0028:
002C:
0030:
0034:
...
32 bits
CPU
hi
lo
MAR
MDR
R01
R02
R03
...
R29
R30
R31
PC
IR
ALU
Control Unit
32 bits
32 bits