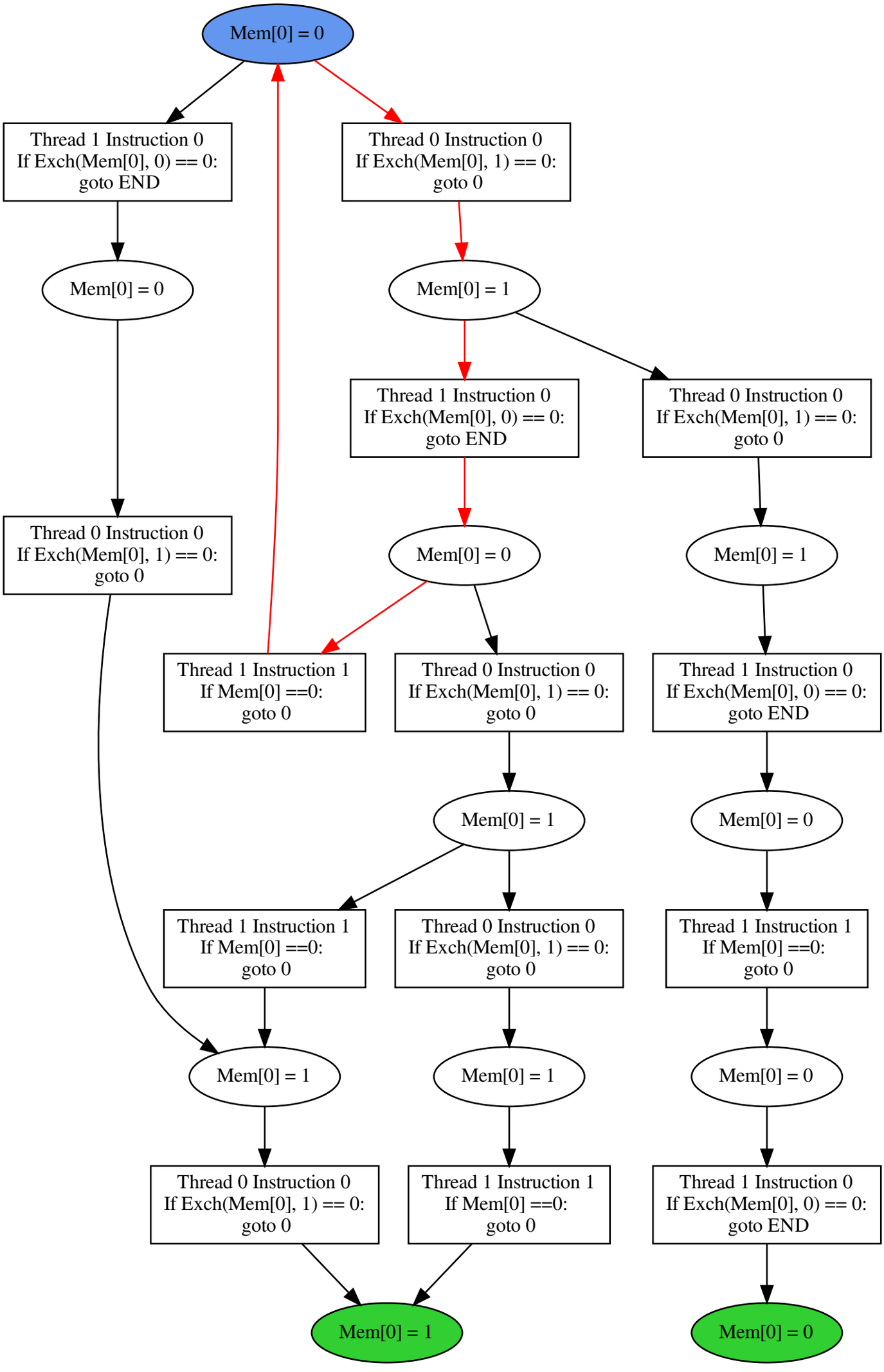
Mem[0] = 0
Thread 1 Instruction 0
If Exch(Mem[0], 0) == 0:
goto END
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Mem[0] = 0
Mem[0] = 1
Thread 1 Instruction 0
If Exch(Mem[0], 0) == 0:
goto END
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Mem[0] = 0
Mem[0] = 1
Thread 1 Instruction 1
If Mem[0] ==0:
goto 0
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Thread 1 Instruction 0
If Exch(Mem[0], 0) == 0:
goto END
Mem[0] = 1
Mem[0] = 0
Thread 1 Instruction 1
If Mem[0] ==0:
goto 0
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Thread 1 Instruction 1
If Mem[0] ==0:
goto 0
Mem[0] = 1
Mem[0] = 1
Mem[0] = 0
Thread 0 Instruction 0
If Exch(Mem[0], 1) == 0:
goto 0
Thread 1 Instruction 1
If Mem[0] ==0:
goto 0
Thread 1 Instruction 0
If Exch(Mem[0], 0) == 0:
goto END
Mem[0] = 1
Mem[0] = 0