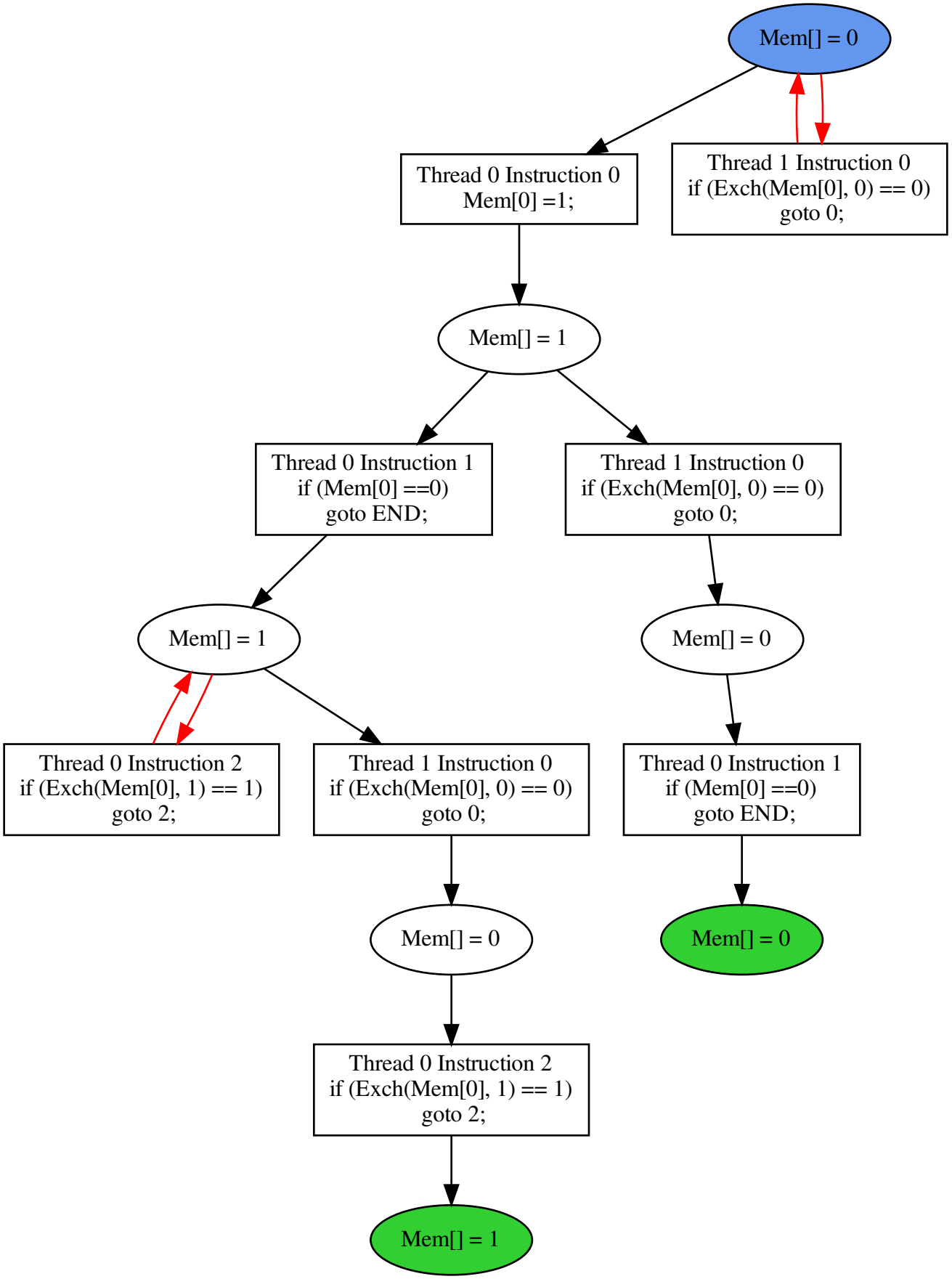
Mem[] = 0
Thread 0 Instruction 0
Mem[0] =1;
Thread 1 Instruction 0
if (Exch(Mem[0], 0) == 0)
goto 0;
Mem[] = 1
Thread 0 Instruction 1
if (Mem[0] ==0)
goto END;
Thread 1 Instruction 0
if (Exch(Mem[0], 0) == 0)
goto 0;
Mem[] = 1
Mem[] = 0
Thread 0 Instruction 2
if (Exch(Mem[0], 1) == 1)
goto 2;
Thread 1 Instruction 0
if (Exch(Mem[0], 0) == 0)
goto 0;
Thread 0 Instruction 1
if (Mem[0] ==0)
goto END;
Mem[] = 0
Mem[] = 0
Thread 0 Instruction 2
if (Exch(Mem[0], 1) == 1)
goto 2;
Mem[] = 1