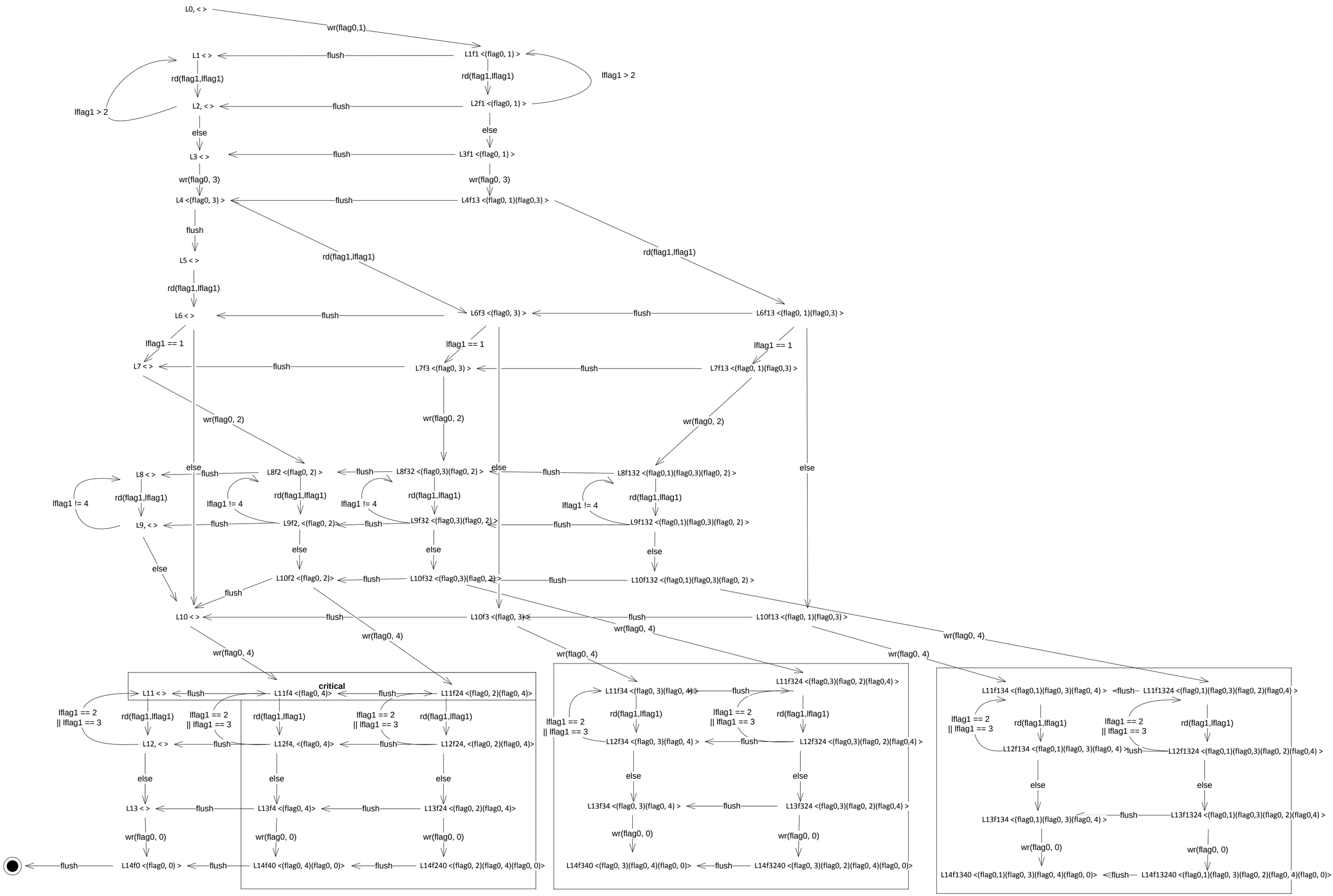
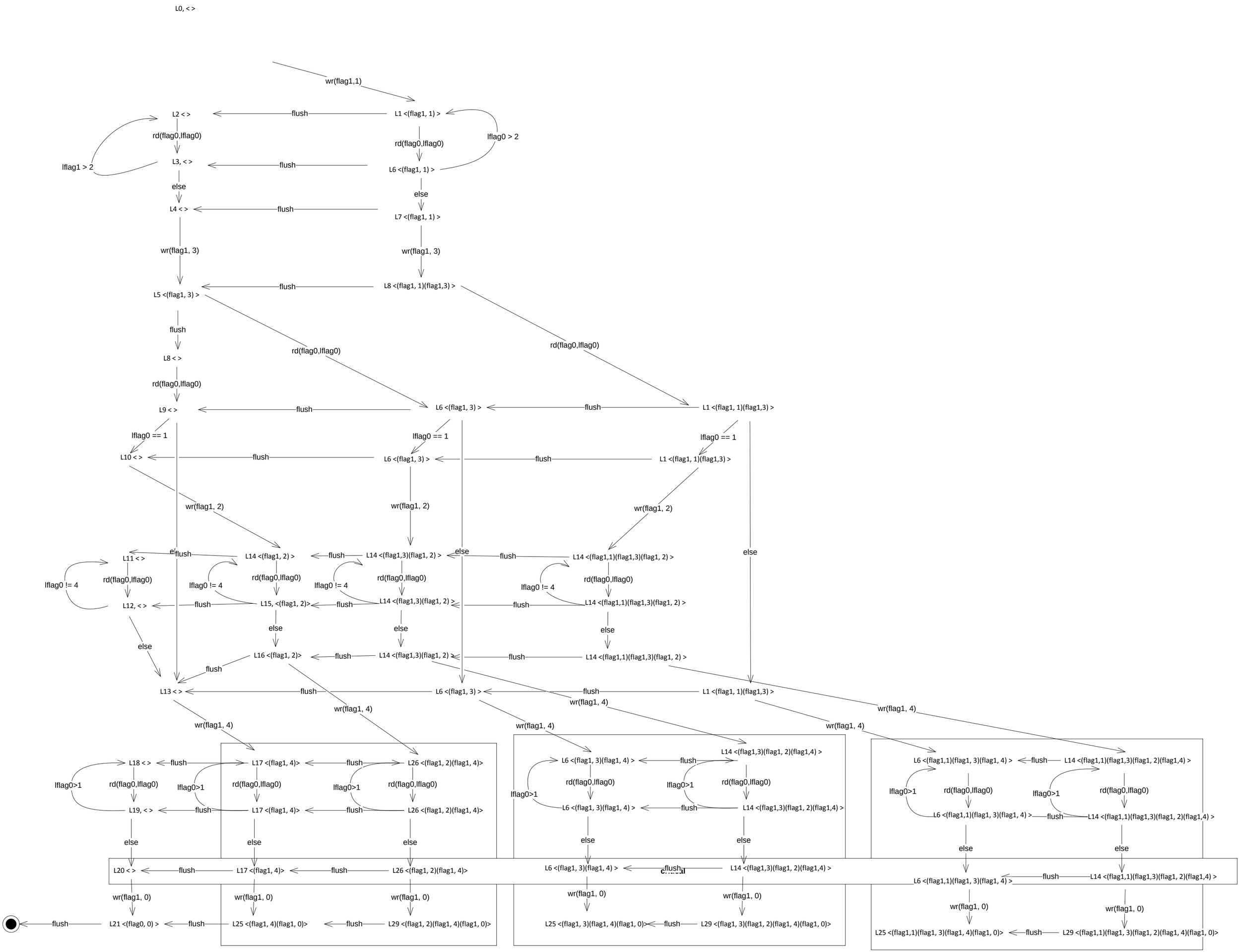

L0, < >
wr(flag0,1)
L1 < >
flush
L1f1 <(flag0, 1) >
rd(flag1,lflag1)
rd(flag1,lflag1)
lflag1 > 2
L2, < >
flush
L2f1 <(flag0, 1) >
lflag1 > 2
else
else
L3 < >
flush
L3f1 <(flag0, 1) >
wr(flag0, 3)
wr(flag0, 3)
L4 <(flag0, 3) >
flush
L4f13 <(flag0, 1)(flag0,3) >
flush
rd(flag1,lflag1)
rd(flag1,lflag1)
L5 < >
rd(flag1,lflag1)
L6 < >
flush
L6f3 <(flag0, 3) >
flush
L6f13 <(flag0, 1)(flag0,3) >
lflag1 == 1
lflag1 == 1
lflag1 == 1
L7 < >
flush
L7f3 <(flag0, 3) >
flush
L7f13 <(flag0, 1)(flag0,3) >
wr(flag0, 2)
wr(flag0, 2)
wr(flag0, 2)
else
else
else
L8 < >
flush
L8f2 <(flag0, 2) >
flush
L8f32 <(flag0,3)(flag0, 2) >
flush
L8f132 <(flag0,1)(flag0,3)(flag0, 2) >
lflag1 != 4
rd(flag1,lflag1)
lflag1 != 4
rd(flag1,lflag1)
lflag1 != 4
rd(flag1,lflag1)
lflag1 != 4
rd(flag1,lflag1)
L9, < >
flush
L9f2, <(flag0, 2)>
flush
L9f32 <(flag0,3)(flag0, 2) >
flush
L9f132 <(flag0,1)(flag0,3)(flag0, 2) >
else
else
else
else
L10f2 <(flag0, 2)>
flush
L10f32 <(flag0,3)(flag0, 2) >
flush
L10f132 <(flag0,1)(flag0,3)(flag0, 2) >
flush
L10 < >
flush
L10f3 <(flag0, 3)>
flush
L10f13 <(flag0, 1)(flag0,3) >
wr(flag0, 4)
wr(flag0, 4)
wr(flag0, 4)
wr(flag0, 4)
wr(flag0, 4)
wr(flag0, 4)
critical
L11 < >
flush
L11f4 <(flag0, 4)>
flush
L11f24 <(flag0, 2)(flag0, 4)>
L11f34 <(flag0, 3)(flag0, 4)>
flush
L11f324 <(flag0,3)(flag0, 2)(flag0,4) >
L11f134 <(flag0,1)(flag0, 3)(flag0, 4) >
flush
L11f1324 <(flag0,1)(flag0,3)(flag0, 2)(flag0,4) >
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
lflag1 == 2
|| lflag1 == 3
rd(flag1,lflag1)
L12, < >
flush
L12f4, <(flag0, 4)>
flush
L12f24, <(flag0, 2)(flag0, 4)>
L12f34 <(flag0, 3)(flag0, 4) >
flush
L12f324 <(flag0,3)(flag0, 2)(flag0,4) >
L12f134 <(flag0,1)(flag0, 3)(flag0, 4) >
flush
L12f1324 <(flag0,1)(flag0,3)(flag0, 2)(flag0,4) >
else
else
else
else
else
else
L13 < >
flush
L13f4 <(flag0, 4)>
flush
L13f24 <(flag0, 2)(flag0, 4)>
L13f34 <(flag0, 3)(flag0, 4) >
flush
L13f324 <(flag0,3)(flag0, 2)(flag0,4) >
L13f134 <(flag0,1)(flag0, 3)(flag0, 4) >
flush
L13f1324 <(flag0,1)(flag0,3)(flag0, 2)(flag0,4) >
wr(flag0, 0)
wr(flag0, 0)
wr(flag0, 0)
wr(flag0, 0)
wr(flag0, 0)
wr(flag0, 0)
flush
L14f0 <(flag0, 0) >
flush
L14f40 <(flag0, 4)(flag0, 0)>
flush
L14f240 <(flag0, 2)(flag0, 4)(flag0, 0)>
L14f340 <(flag0, 3)(flag0, 4)(flag0, 0)>
flush
L14f3240 <(flag0, 3)(flag0, 2)(flag0, 4)(flag0, 0)>
L14f1340 <(flag0,1)(flag0, 3)(flag0, 4)(flag0, 0)>
flush
L14f13240 <(flag0,1)(flag0, 3)(flag0, 2)(flag0, 4)(flag0, 0)>


L0, < >
wr(flag1,1)
L2 < >
flush
L1 <(flag1, 1) >
rd(flag0,lflag0)
lflag0 > 2
L3, < >
lflag1 > 2
L6 <(flag1, 1) >
else
L4 < >
L7 <(flag1, 1) >
wr(flag1, 3)
L5 <(flag1, 3) >
L8 <(flag1, 1)(flag1,3) >
L8 < >
L9 < >
L6 <(flag1, 3) >
L1 <(flag1, 1)(flag1,3) >
lflag0 == 1
L10 < >
wr(flag1, 2)
L11 < >
L14 <(flag1, 2) >
L14 <(flag1,3)(flag1, 2) >
L14 <(flag1,1)(flag1,3)(flag1, 2) >
lflag0 != 4
L12, < >
L15, <(flag1, 2)>
L16 <(flag1, 2)>
L13 < >
wr(flag1, 4)
L18 < >
L17 <(flag1, 4)>
L26 <(flag1, 2)(flag1, 4)>
L14 <(flag1,3)(flag1, 2)(flag1,4) >
L6 <(flag1,1)(flag1, 3)(flag1, 4) >
lflag0>1
L19, < >
L20 < >
L21 <(flag0, 0) >
L25 <(flag1, 4)(flag1, 0)>
L29 <(flag1, 2)(flag1, 4)(flag1, 0)>
L6 <(flag1, 3)(flag1, 4) >
L25 <(flag1, 3)(flag1, 4)(flag1, 0)>
L29 <(flag1, 3)(flag1, 2)(flag1, 4)(flag1, 0)>
L25 <(flag1,1)(flag1, 3)(flag1, 4)(flag1, 0)>
L29 <(flag1,1)(flag1, 3)(flag1, 2)(flag1, 4)(flag1, 0)>