

1 Grammar Sets

- Global Variables: {p}
- Local Variables for Thread t1 : {q,r1,r1.x,r2,r3,r3.x,r4,r5}
- Local Variables for Thread t2 : {r6,r6.x}
- Value Set for Thread t2 : {3}
- Offsets for Object o1 : {x}

2 Configuration

thread t1	thread t2
(i1)create o1(x=0)	(i14)read p
(i2)write p	(i15)write r6
(i3)write q → {t2}	(i16)create 3
(i4)read p	(i17)write r6.x
(i5)write r1	
(i6)read r1.x	
(i7)write r2	
(i8)read q	
(i9)write r3	
(i10)read r3.x	
(i11)write r4	
(i12)read r2	
(i13)write r5	

3 Properties

thread t1	thread t2
(i1){o1(x=0)}	(i14){o1(x=0)} ← {i2}
(i2){o1(x=0)}	(i15){o1(x=0)}
(i3){o1(x=0)}	(i16){3}
(i4){o1(x=0)} ← {i2}	(i17){3}
(i5){o1(x=0)}	
(i6){3,0} ← {i5,i17}	
(i7){3,0}	
(i8){o1(x=0)} ← {i3}	
(i9){o1(x=0)}	
(i10){3,0} ← {i9,i17}	
(i11){3,0}	
(i12){3,0} ← {i7}	
(i13){3,0}	