

1 Grammar Sets

- Global Variables: $\{f, f.y, f.x\}$
- Local Variables for Thread t2 : $\{i, j\}$
- Value Set for Thread t1 : $\{4\}$
- Offsets for Object o1 : $\{x, y\}$

2 Configuration

thread t1	thread t2
(i1)create o1(x=3,y=0)	(i5)read f.x
(i2)write f	(i6)write i
(i3)create 4	(i7)read f.y
(i4)write f.y	(i8)write j

3 Properties

thread t1	thread t2
(i1){o1(x=3,y=0)}	(i5){3} $\leftarrow \{i2\}$
(i2){o1(x=3,y=0)}	(i6){3}
(i3){4}	(i7){4,0} $\leftarrow \{i2,i4\}$
(i4){4}	(i8){4,0}