

# 1 Grammar Sets

- Global Variables:  $\{x, y\}$
- Local Variables for Thread  $t_2$  :  $\{r_1, r_2\}$
- Value Set for Thread  $t_1$  :  $\{1\}$

# 2 Configuration

thread $t_1$	thread $t_2$
(i1)create 1	(i8)lock x
(i2)write x	(i9)lock y
(i3)lock x	(i10)read y
(i4)lock y	(i11)write r1
(i5)write y	(i12)unlock y
(i6)unlock y	(i13)unlock x
(i7)unlock x	(i14)read x
	(i15)write r2

# 3 Properties

thread $t_1$	thread $t_2$
(i1){1}	(i8)
(i2){1}	(i9)
(i3){1}	(i10)
(i4){1}	(i11)
(i5){1}	(i12)
(i6){1}	(i13)
(i7){1}	(i14){1} ← {i2}
	(i15){1}