

1 Grammar Sets

- Global Variables: $\{x, y, r2\}$
- Local Variables for Thread t1 : $\{r1\}$
- Local Variables for Thread t3 : $\{r3\}$
- Value Set for Thread t1 : $\{0\}$
- Value Set for Thread t2 : $\{1\}$

2 Configuration

thread t1	thread t2	thread t3
(i1)create 0 (i2)write x (i3)write y \rightarrow {t3} (i4)read x (i5)write r1 \rightarrow {t2} (i6)read r1 (i7)write r2 (i10)read r2 \leftarrow {t2} (i11)write y	(i8)create 1 (i9)write r2	(i12)read y (i13)write r3 (i14)read r3 (i15)write x

3 Properties

thread t1	thread t2	thread t3
(i1){0} (i2){0} (i3){0} (i4){0} \leftarrow {i2} (i5){0} (i6){0} \leftarrow {i5} (i7){0} (i10){1,0} \leftarrow {i7, i9} (i11){1,0}	(i8){1} (i9){1}	(i12){0} \leftarrow {i3} (i13){0} (i14){0} \leftarrow {i13} (i15){0}