

actor A
 in (a:t1, b:t2)
 out (c:t3, d:t4)
...
actor B
 in (a:t4, b:t5)
 out (c:t2, d:t6)
...

and

net rec (01,z1) = A (i1,z2)

(z2,02) = B (z1,i2);