

$P1 \rightarrow P2 \parallel P3 \rightarrow P4 \parallel P1$

P1	P2	P3	P4
$(1, P1)$	$(1, P1)$	$(1, P1)$	$(1, P1)$
$(8, P2)$	$(8, P2)$	$(8, P2)$	$(8, P2)$
$(8, P3)$	$(8, P3)$	$(8, P3)$	$(8, P3)$
$(17, P1)$	$(17, P1)$	$(17, P1)$	$(17, P1)$
$(17, P4)$	$(17, P4)$	$(17, P4)$	$(17, P4)$

1	Req(1, P1, {P2, P3, P4}) enqueue			
2		Req(1, P1, P2) enqueue	Req(1, P1, P3) enqueue	Req(1, P1, P4) enqueue
3		Rep(3, P2, P1)	Rep(3, P3, P1)	Rep(3, P4, P1)
4				
5	C.S			
6	Rel(6, P1, {P2, P3, P4}) dequeue	Rel(6, P1, P2) dequeue	Rel(6, P1, P3) dequeue	Rel(6, P1, P4) dequeue
7				
8		Req(8, P2, {P1, P3, P4}) Req(8, P3, P2) enqueue	Req(8, P3, {P1, P2, P4}) Req(8, P2, P3) enqueue	Req(8, P2, P4) Req(8, P3, P4) enqueue
9	Req(8, P2, P1) Req(8, P3, P1) enqueue		Rep(9, P3, P2)	Rep(9, P4, P2)
10	Rep(9, P1, P2)			
		C.S		
11	Rel(11, P2, P1) dequeue	Rel(11, P2, {P1, P3, P4}) dequeue	Rel(11, P2, P3) dequeue	Rel(11, P2, P4) dequeue
12				
13	Rep(13, P1, P3)	Rep(13, P2, P3)		Rep(13, P4, P3)
14			C.S	
15	Rel(15, P3, P1) dequeue	Rel(15, P3, P2) dequeue	Rel(15, P3, {P1, P2, P4}) dequeue	Rel(15, P3, P4) dequeue
16				
17	Req(17, P1, {P2, P3, P4}) enqueue Req(17, P4, P1)	Req(17, P1, P2) Req(17, P4, P2) enqueue	Req(17, P1, P3) Req(17, P4, P3) enqueue	Req(17, P4, {P1, P2, P3}) enqueue Req(17, P1, P4)
18		Rep(18, P2, P1)	Rep(18, P3, P1)	Rep(18, P4, P1)
19	C.S			

P1

P2

P3

P4

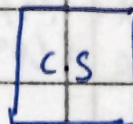
20

 $\text{Rel}(20, P1, \{P2, P3, P4\})$
dequeue
 $\text{Rel}(20, P1, P2)$
dequeue
 $\text{Rel}(20, P1, P3)$
dequeue
 $\text{Rel}(20, P1, P4)$
dequeue

21

 $\text{Rep}(21, P1, P4)$
 $\text{Rep}(21, P2, P4)$
 $\text{Rep}(21, P3, P4)$
~~Rep~~

22



23

 $\text{Rel}(23, P4, P1)$
dequeue
 $\text{Rel}(23, P4, P2)$
dequeue
 $\text{Rel}(23, P4, P3)$
dequeue
 $\text{Rel}(23, P4, \{P1, P2, P3\})$
dequeue

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