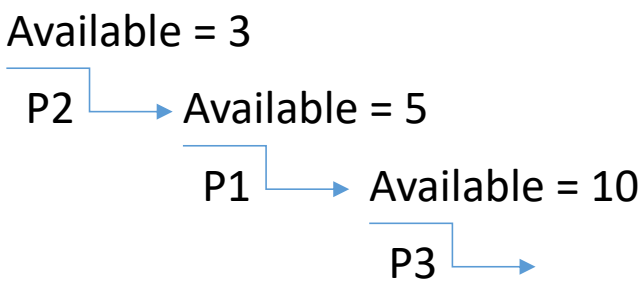
安全状态，例1

- Example 1: 3 processes sharing 12 tape drives

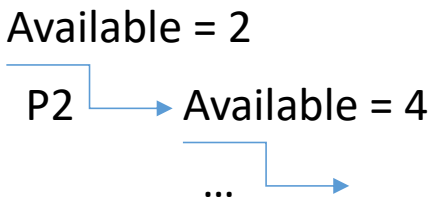
Process	Max Need	Allocated	Further Need	Available
P1	10	5	5	3
P2	4	2	2	
P3	9	2	7	



安全状态，例2

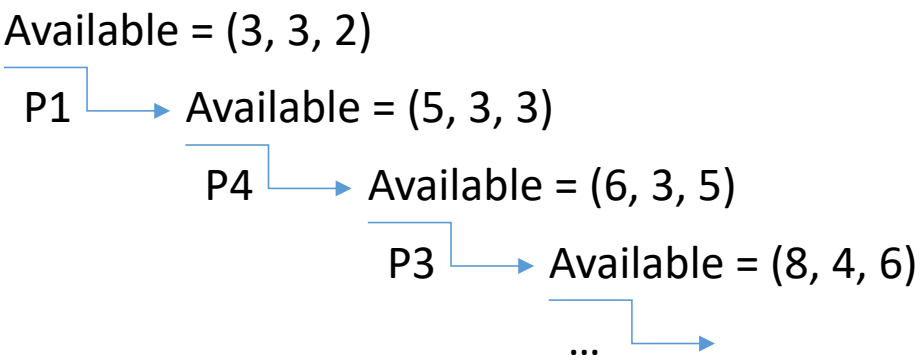
- Example 2: 1 more tape drive allocated to P3 on the basis of Example 1

Process	Max Need	Allocated	Further Need	Available
P1	10	5	5	2
P2	4	2	2	
P3	9	3	6	



银行家算法，例1

Process	Max			Allocation			Need			Available		
	A	B	C	A	B	C	A	B	C	A	B	C
P0	8	5	3	1	1	0	7	4	3	3	3	2
P1	3	2	3	2	0	1	1	2	2			
P2	9	0	3	3	0	3	6	0	0			
P3	2	2	2	2	1	1	0	1	1			
P4	5	3	3	1	0	2	4	3	1			



银行家算法，例2

Process	Max			Allocation			Need			Available		
	A	B	C	A	B	C	A	B	C	A	B	C
P0	8	5	3	1	1	0	7	4	3	2	3	0
P1	3	2	3	3	0	3	0	2	0			
P2	9	0	3	3	0	3	6	0	0			
P3	2	2	2	2	1	1	0	1	1			
P4	5	3	3	1	0	2	4	3	1