

SYSTEM MEMORY FRAME TABLE AND CURRENT PAGE TABLE FOR RUNNING PROCESS A

SYSTEM MEMORY FRAME TABLE (MFT)		PAGE TABLE FOR PROCESS A	
	PAGE #	VALID BIT	FRAME # (BASE 2)
OWNED BY A	0	0	NONE
OWNED BY B	1	1	10000
OWNED BY C	2	0	NONE
OWNED BY C	3	1	00000
OWNED BY A	4	0	NONE
OWNED BY C	5	1	00100
OWNED BY A	6	0	NONE
OWNED BY A	7	1	11001
OWNED BY C	8	0	NONE
OWNED BY A	9	0	NONE
OWNED BY A	10	1	01001
OWNED BY B	11	0	NONE
OWNED BY A	12	1	01100
OWNED BY C	13	0	NONE
OWNED BY C	14	0	NONE
OWNED BY C	15	0	NONE
OWNED BY A	16	1	00110
OWNED BY B	17	0	NONE
OWNED BY C	18	0	NONE
FREE	19	1	01010
OWNED BY A	20	0	NONE
OWNED BY C	21	1	10110
OWNED BY A	22	0	NONE
OWNED BY B	23	1	00111
OWNED BY C	24	0	NONE
OWNED BY A	25	0	NONE
OP SYS	26	1	10100
OP SYS	27	0	NONE
OP SYS	28	0	NONE
OP SYS	29	0	NONE
OP SYS	30	0	NONE
OP SYS	31	0	NONE

		CPU															
PC (BASE 2)	[1 1 0 1 0]	0	0	0	0	1	0	1	0	1	0	1	1	0			
		286 64 16 4 2															
IR (BASE 2)	[0 1 0 1 1]	0	0	0	1	0	1	1	0	1	1	0	1	1			
JUMP		512 128 64 16 8 2 1															

11010

168 2

16 26

8 PP

2 20

28 = 10100
16 4

16

4

20

01011

8 21

11 = None

Page fault

VP PP off
11 19 731

256
+ 86
342

286
342

512
+ 219
731

64
27
91

128
91
219