

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

SYSTEM MEMORY
FRAME TABLE
(MFT)

PAGE TABLE FOR
PROCESS A

	PG #	VALID BIT	PG 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
FREE	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
OWNED BY C	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)	16	2	1	1	0	0	0	0	0	0	1	1	0	1	0	1
IR (BASE 2)	16	2	1	1	0	0	1	0	0	0	1	0	1	0	1	1
JUMP	8	4	1	1	0	0	1	0	0	0	1	0	1	0	0	1

page fault
map to PP 13 (only one free)