

1. Index decomposition

Accessed Index in Binary						
0	0	0	0	0	1	1
tag			line		offset	
0			0		3	

2. Cache Hit Decision

3. Update MPE Copy

4	t_0
21	t_1
2	t_2
32	t_3

5. if $M = 0$
Init Cache &
Set $M = 1$

c_{00}	c_{01}	c_{02}	c_{03}
c_{10}	c_{11}	c_{12}	c_{13}
c_{20}	c_{21}	c_{22}	c_{23}
c_{30}	c_{31}	c_{32}	c_{33}

a_{16}	a_{17}	a_{18}	a_{19}
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6. if $M = 1$
Fetch from MPE

a_{64}	a_{65}	a_{66}	a_{67}
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0	1	1	0
6(int)			

4. Judge M