

	L0				L1					L0				L1			
Memory @	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F	
Data	T	h	i	s	-	i	s	-	d	a	t	a	-	f	o	r	
Memory @	10	11	12	13	14	15	16	17	18	19	1A	1B	1C	1D	1E	1F	
Data	-	o	u	r	-	c	a	c	h	e	-	a	s	s	i	g	

52 (10) 53 (11)

Mem @	F	Tag Id	01	Line Id	1	Byte Id	11
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0 1111

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	1	-	f	o	(6)	m
line 0	3 11	h	e	-	a	

Mem @	6	Tag Id	1	Line Id	1	Byte Id	10
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0 0110

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	0	-	i	(5)	-	m
line 0	3 11	h	e	-	a	

Mem @	10	Tag Id	10	Line Id	0	Byte Id	00
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1 0000

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	0	-	i	5	-	
line 0	2 10	r	o	u	r	m

Mem @	19	Tag Id	11	Line Id	0	Byte Id	01
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1 1001

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	0	-	i	5	-	
line 0	11	h	(@)	-	a	m

Mem @	7	Tag Id	1	Line Id	1	Byte Id	11
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0 0111

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	0	-	i	5	(-)	h
line 0	3 11	h	e	-	a	

Mem @	11	Tag Id	10	Line Id	0	Byte Id	01
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1 0001

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	0	-	i	5	-	
line 0	10	-	(0)	u	r	m