

50

51

	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

L0

L1

L0

L1

S2 (10)

S3 (11)

Mem @	3	Tag Id	0	Line Id	0	Byte Id	11
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00011

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	1	-	f	o	r	
line 0	0	T	h	i	s	h

Mem @	10	Tag Id	01	Line Id	1	Byte Id	01
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01101

	segment tag	cell 0	cell 1	cell 2	cell 3	hit/miss
line 1	1	-	f	o	r	h
line 0	0	T	h	i	s	

Mem @	18	Tag Id	11	Line Id	0	Byte Id	00
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11000

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

Mem @	4	Tag Id	0	Line Id	1	Byte Id	00
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00100

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

Mem @	E	Tag Id	01	Line Id	1	Byte Id	10
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01110

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

Mem @	5	Tag Id	0	Line Id	1	Byte Id	01
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00101

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