

Address	Value
0x10430	
0x10434	
0x10438	
0x1043c	
0x10440	40
0x10444	NULL
0x10448	0x10568
0x1044c	
0x10450	
0x10454	
0x10458	
0x1045c	
0x10460	
0x10464	
0x10468	24
0x1046c	0x104e8
0x10470	NULL
0x10474	
0x10478	
0x1047c	
0x10480	72
0x10484	
0x10488	
0x1048c	
0x10490	
0x10494	
0x10498	
0x1049c	
0x104a0	
0x104a4	
0x104a8	
0x104ac	
0x104b0	
0x104b4	
0x104b8	
0x104bc	
0x104c0	
0x104c4	
0x104c8	32
0x104cc	0x10510
0x104d0	0x10468
0x104d4	
0x104d8	
0x104dc	

start of
the heap.

← a
which is
now the head
of the free list.

← c

old head
of the free list

Address	Value
0x104e0	
0x104e4	
0x104e8	40
0x104ec	
0x104f0	
0x104f4	
0x104f8	
0x104fc	
0x10500	
0x10504	
0x10508	
0x1050c	
0x10510	24
0x10514	0x10568
0x10518	0x104c8
0x1051c	
0x10520	
0x10524	
0x10528	64
0x1052c	
0x10530	
0x10534	
0x10538	
0x1053c	
0x10540	
0x10544	
0x10548	
0x1054c	
0x10550	
0x10554	
0x10558	
0x1055c	
0x10560	
0x10564	
0x10568	16
0x1056c	0x10440
0x10570	0x10510
0x10574	
0x10578	
0x1057c	
0x10580	
0x10584	
0x10588	
0x1058c	

← b

free
chunk

← d

free
chunk