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Thread: [Void Pointer malloc \(AddressSanitizer error\)](#)

Left Boy - June 5, 2017, 5:01 am

Hey,
i currently trying to build a stack using a linked list (in C) but struggling to implement the push operation

```
LI* t = malloc(sizeof(LI));  
t->data = data;  
t->next = s->head;  
s->head = t;  
[/code]
```

im getting the following error, can somebody help me?

Code FAIL: AddressSanitizer error

src/list.c:169:23: runtime error: member access within misaligned address 0x00000001 for type 'struct LI', which requires 4 byte alignment

g4143 - June 5, 2017, 5:08 am

I would get a debugger and find why and where you are getting a address of 0x00000001.

Left Boy - June 5, 2017, 6:23 am

found the error thanks anyways ;))

g4143 - June 5, 2017, 6:57 am

(Jun 5, 2017 06:23 AM)Left Boy Wrote: [CITE](#) found the error thanks anyways ;))

So what was the problem?

0xDEAD10CC - June 5, 2017, 4:01 pm

Code LI* t = malloc(sizeof(LI));

t->data = data;

t->next = s->head;

s->head = t;

^ You're trying to go backwards. The new node's next pointer shouldn't be anything if you're adding to the end of the linked list. 'head' usually indicates the first node too, not the top node, which is semantically incorrect.

Btw, next time post more of your code.