

Forum:[Hack Forums](#)

Thread: [Invalid Array Assignment/Array of Struct](#)

Tralen - September 9, 2017, 1:06 pm

EDIT: PROBLEM SOLVED JUST HAD TO USE STRCPY() THANKS FOR THE HELP!

It has been a while since i've messed with structs in C so the solution to my problem may be very simple but I just can't figure it out. I would usually ask questions like this on stackexchange but the people over there are jerks so I figured I would rely on this community instead.

so I have the following struct declared

```
Code typedef struct list{
    char name[256];
    int size;
}list;
```

//I then init the 2 with integers I get from figuring out the # of files in a directory

```
list directories[numOfDirectories];
list files[numOfFiles];
```

//then inside of a loop I try assigning values to them.

```
directories [dirCount++].name = de->d_name;
files[fileCount++].name = de->d_name
```

The last 2 lines are the one where the Invalid Array Assignment error is coming up. I don't think its a problem with the dirent struct (which is assigned to de) as i've used it to print the names of the files. Here is a link to the entire code, thanks in advance for any help.

<https://pastebin.com/z9KBwYAG>

0xDEAD10CC - September 9, 2017, 1:24 pm

What is your compiler command line? VLA's are C99+ only.

Tralen - September 9, 2017, 2:18 pm

i just do c++ main.cpp on linux mint

0xDEAD10CC - September 9, 2017, 2:30 pm

C++ doesn't have VLA's either - it's a C only feature. You need to allocate a pre-defined amount on the stack or use the heap.

Tralen - September 9, 2017, 2:30 pm

(Sep 9, 2017 02:30 PM)0xDEAD10CC Wrote: [\[CITE\]](#) C++ doesn't have VLA's either.

I figured it out, i had to use strcpy() instead of setting 2 char arrays equal to each other. Thanks for the help though.

0xDEAD10CC - September 9, 2017, 2:32 pm

(Sep 9, 2017 02:30 PM)Tralen Wrote: [\[CITE\]](#) I figured it out, i had to use strcpy() instead of setting 2

char arrays equal to each other. Thanks for the help though.

That's not even closely related to the original question you asked about the arrays.

Tralen - September 9, 2017, 3:34 pm

(Sep 9, 2017 02:32 PM)0xDEAD10CC Wrote: [\[CITE\]](#) That's not even closely related to the original question you asked about the arrays.

I just gave the error message and my code. Error message was invalid array assignment, and that is what solved it. What did you think my original question was?

0xDEAD10CC - September 9, 2017, 5:13 pm

You mentioned compiling as C++ and I didn't scroll down to look past the array declarations. You shouldn't be using strcpy, you should be using strncpy.