

# Re: Pointer of Struct

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*Source:*

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You wouldn't want that anyway. Since they're defined as non-fixed length string, they would be stored as pointers, and the size of the struct is actually 8 bytes. This makes me a little wary of what it is you're trying to send this data to. What is the API expecting as far as data layout? Right now you have a struct with two pointers that point to string data. Is that what you need, or is it expecting a struct with fixed-length character arrays?

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"Sasacha Jakob" <sjakob@xxxxxxxxxxx> wrote in message  
[news:eOi31T4zHHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eOi31T4zHHA.1208@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hello,

i have a problem while using  
Marshal.SizeOf(...) on Windows CE 5.0  
I get a NotSupportedException.

Here is my whole procedure:

```
public struct MyPerson {  
    public string first;  
    public string last;  
}  
  
private unsafe void Test() {  
    MyPerson myP = new MyPerson();  
    myP.first = "Tom";  
    myP.last = "Stevens";  
}
```

## Re: Pointer of Struct

```
// Get Pointer of myP
int size = Marshal.SizeOf(myP); // This Method throws the Exception
IntPtr buffer = Marshal.AllocCoTaskMem(size);
Marshal.StructureToPtr( myP, buffer, false );

}
```

When I try to run this Code as a Windows Desktop Application it runs great.

When I use the following struct (using char instead of string) it runs on Windows CE 5.0 as well:

```
public struct MyPerson {
public char first;
public char last;
}
```

But I need string members of the struct. What is my problem, and what can I do.

Is this function of getting a pointer of struct actually not available on Windows CE 5.0

Please Help me, thank you.

Best Regards  
Sascha Jakob