
Subject: Re: dereferencing a pointer to a complex structure?

Posted by [JD Smith](#) on Tue, 12 Apr 2005 22:48:05 GMT

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On Tue, 12 Apr 2005 12:57:46 -0700, zuzucat@gmail.com wrote:

> Mr. Chris Torrence at RSI kindly phoned my supervisor to tell us the
> answer.
>
> Thank you very much, all.
>
> print, ((*ptr_data)[3].level[3].grds)[0,4]
> best,

This is exactly how the tutorial tells you to do it (even though this isn't the question you had asked).

The easy to remember, basic rule from the tutorial: group with (*xxx) all "xxx" which are pointers, unless the () would then occur on the "outside" of the expression (it wouldn't hurt, it's just a waste).

So in your case the pointer "ptr_data" must be treated this way:

```
(*ptr_data)
```

as must the pointer "(*ptr_data)[3].level[3].grds":

```
(*(*ptr_data)[3].level[3].grds)[0,4]
```

if you didn't want to subscript the final FINDGEN, you could just use:

```
*(*ptr_data)[3].level[3].grds
```

JD
