
Subject: Re: structures still confusing

Posted by [JD Smith](#) on Tue, 13 Jun 2006 16:33:18 GMT

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On Tue, 13 Jun 2006 09:13:49 +0100, Allan Whiteford wrote:

> Martin,
>
> print,(s.m)[0]
>
> is probably less confusing.

But alas, way less efficient, since to access just that one element, it creates an (arbitrarily large) temporary vector (s.m). I don't specifically cover multi-dimensional struct slices, but some info on precedence etc. can be found in:

http://www.dfanning.com/misc_tips/precedence.html

The basic hint here is that structure dereference and array dereference are at the same level of precedence, and don't step on eachother's toes (both left-right associative), so unless you have pointers mixed in, you shouldn't need *any* parentheses to get to an arbitrarily deeply nested array of structure of structure of array of ... and if you do have pointers mixed in, you just need a *single* pair of parentheses around each and every pointer expression (except a top level pointer). Though they result in bizarre looking expressions, the rules are quite simple.

JD
