
Subject: Re: Array of structures.
Posted by [Ben Tupper](#) on Tue, 16 May 2000 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Nicolas Decoster wrote:

```
> Hi.  
>  
> I'd like to build an array of structure using one line. Something like  
> that:  
>  
> arr = [{sig:a, color:'red'}, {sig:b, color:'green'}]  
>  
> I don't want to use the replicate function and then fill the array one  
> by one:  
>  
> arr = replicate({myStruct, sig:a, color:'red'}, 2)  
> arr[0] = {myStruct, sig:a, color:'red'}  
> arr[1] = {myStruct, sig:b, color:'green'}  
>  
> Any suggestions ?  
>  
> Thanks.  
>  
> Nicolas.  
>  
> ps: In fact, I'm trying to find a way to handle lists of anything. In  
> the present case I want to pass as one argument a list of signals  
> (arrays of value) associated with a color. The list must be of any size,  
> we must be able to build it on the fly. Something like that : {{sig1  
> 'red'} {sig2 'green'}} in a Tcl-like syntax.  
>  
>
```

Hello,

I think you should look into employing a pointer array. Each element of the pointer array can point to anything (like structures, etc.)

Look into PTRARR() function.

Ben

--

Ben Tupper

Bigelow Laboratory for Ocean Science

tupper@seadas.bigelow.org

pemaquidriver@tidewater.net
