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