
Subject: Re: creating a special kind of array
Posted by [wonko](#) on Wed, 01 Oct 1997 07:00:00 GMT
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slameczka@biomech.mat.ethz.ch (Michael Slameczka) wrote:

```
> i hope that the problem i have is very simple, but i found till now
> no solution, which satisfies me.
>
> I have a structure and i will build an array like this:
>
> array = [['name_1',struct_1],['name_2',struct_2],['name_3',struct_3] ]
```

Do you mean this?
array(0,0) eq 'name_1'
array(1,0) eq struct_1

```
> struct_x = {, name:string(10), data:intarr(4)}
> (where x is 1, 2, 3)
```

```
> is it in any way possible to build such an array in PV-Wave or not?
```

Not possible, the entries of an array all have to be of the same type.
What about something like this?:

```
a_struct = { name:"", struct:struct_x }
array = [ a_struct, a_struct, a_struct ]
or better: array = replicate( a_struct, 3 )
a_struct(0).name = 'name_1'
a_struct(0).struct = struct_1
```

Or this:

```
name_array = [ 'name_1', 'name_2', 'name_3' ]
struct_array = [ struct_1, struct_2, struct_3 ]
```

Alex

--

Alex Schuster Wonko@weird.cologne.de PGP Key available
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Subject: Re: creating a special kind of array
Posted by [R. Bauer](#) on Wed, 01 Oct 1997 07:00:00 GMT
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Michael Slameczka wrote:
>

> hello folks;
>
> i hope that the problem i have is very simple, but i found till now
> no solution, which satisfies me.
>
> I have a structure and i will build an array like this:
>
> array = [['name_1',struct_1],['name_2',struct_2],['name_3',struct_3]]
>
> the structures are looking like this:
>
> struct_x = {, name:string(10), data:intarr(4)}
> (where x is 1, 2, 3)
>
> is it in any way possible to build such an array in PV-Wave or not?
>

on idl I do it with new_struct=[struct_1,struct_2,struct_3]

> thanks in advance
> michael
>
> _____
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