
Subject: Re: [Q] How does one EXPAND an ARRAY in IDL ? i.e opposite of sub-array

Posted by [velt](#) on Thu, 26 Jan 1995 18:15:29 GMT

[View Forum Message](#) <> [Reply to Message](#)

In article <1995Jan25.181418.25048@ptolemy-ethernet.arc.nasa.gov>, mombasa@kronos.arc.nasa.gov (Tarang Kumar Patel) writes:

>
> I am dealing with an ARRAY of structures, but the question applies to all
> arrays. I know one can take subarrays to shrink an array, but how about if one
> wants to extend the size of one how does one achive this.

The basic expansion:

```
mydata = [mydata, newstructure]
```

adds one element to the array mydata.

For general expansions you can always use temporary variables.
For example, for a 2-dimensional array of integers:

```
tmp      = intarr( newx, newy)
tmp( 0, 0)= mydata
mydata   = tmp
```

(You may want to clean up tmp afterwards)

Robert Velthuisen (velt@rad.usf.edu),
Digital Medical Imaging Program of the
H. Lee Moffitt Cancer Center and Research Institute at the
University of South Florida, Tampa FL 33612.
