Subject: Re: Proper use of assoc
Posted by David Fanning on Fri, 13 Dec 2002 18:21:59 GMT

Arthur (abbotta@annapolis.nscc.ns.ca) writes:

> Hi. I'm having a problem using associated i/o. I have a series of
> files that contain arrays of uints. I'm trying to use assoc to be
> able to access the arrays, but I so far have had no luck in getting
> it to work.
>
> The error that I'm getting is: "File expression not allowed in this
> context:<UINT   FILE>". I get this error when I try to execute the
> assoc statement. I've checked for an error when the file is opened,
> but have detected none.
>
> Can anybody point out what I'm doing wrong?
>
> pro fileSet::createAssociation, filename,samples
>
>   openu,1,filename, ERROR = err
>   IF (err NE 0) then PRINTF, -2, !ERROR_STATE.MSG
>   self.sonarData = assoc(1,uintarr(samples))
> end

The problem here is that whatever it is that ASSOC
returns, can't be stored in whatever type field
self.sonarData is. :-(

The return variable from ASSOC is a funny thing,
really. Not any type of IDL variable, as far as
I can see. Which pretty much eliminates it being
stored in any kind of a structure.

What I have done before is passed around the logical
unit number I want to have associated with the filename
(and maybe the filename itself) so that I can always
create a LOCAL associated variable in the program module
where I need it. I think that is the best you can do.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/