
Subject: Re: Assoc question

Posted by [davidf](#) on Wed, 20 Jan 1999 08:00:00 GMT

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

Joe Means (means@fsl.orst.edu) writes:

- > I find when I assoc a structure I can reference 1 record of it
- > but not multiple records For example, this works
- > c = binData[23]
- > but this does not:
- > b = binData[2:5]
- >
- > How can i access ranges of data with associated variables?

I don't think this can be done. At least not the way you want it to work. You could use a second associated variable on the same data file to get the "chunk" of data, I suppose. But I'm not sure there are too many advantages. Something like this...

Suppose we open the 64-by-64-by-15 abnorm.dat byte array found in the IDL_DIR/examples/data directory. We could do this:

```
file = Filepath(SubDir=['examples','data'], 'abnorm.dat')
OPENR, lun, file, /Get_Lun
a = Assoc(lun, BytArr(64, 64))
TV, a[4]
```

Now get the range a[5:8] by doing this:

```
b = Assoc(lun, BytArr(64, 64, 4), 64*64*5)
FOR j=0,3 DO TV, (b[0])[*,*,j], j
```

I don't know. I don't see too many applications right off hand. :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting

Phone: 970-221-0438 E-Mail: davidf@dfanning.com

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

Toll-Free IDL Book Orders: 1-888-461-0155

[Note: This follow-up was e-mailed to the cited author.]
