

Subject: Re: Implied do loops in IDL

Posted by [knipp](#) on Tue, 14 Jun 1994 07:53:36 GMT

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In article 1121921004A@llyene.jpl.nasa.gov, tonym@lurleen.jpl.nasa.gov (Tony Mannucci) writes:

> I have a need for implied do loops in IDL but they appear to be unsupported.

> My need occurs when reading data from a file.

 $\vee$

> Here is an example:

 $\geq$

> In FORTRAN, the file was written as:

 $\vee$

```
> write(unit) n, (data(i), i = 1, n)
```

 $\geq$

> and read as:

 $\vee$

```
> read(unit) n, (data(i), i=1, n)
```

 $\geq$

> In this example, n is not generally fixed for every file record.

> It seems that the only way to read such files is with implied do's.

 $\geq$

> Note that I am trying to avoid calling a FORTRAN routine at this

> point. Does anyone know if "native" IDL can handle such reads

> and writes?

 $\vee$

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$$>$$

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If you know the n (and type of your data) for each record, try the following:

; (assuming your data is of type DOUBLE)

```
openr, uni, file, /get lun
```

```
line = "
```

```
for i=0, n lines-1l do begin
```

readf, uni, line

```
data = dblarr(n(i))
```

`sdowf` = something dependent of write format

; p.e. if written with f8.3, then sdowf = 8

