

---

Subject: Re: implicit loop.Reading of data

Posted by [Pavel A. Romashkin](#) on Thu, 25 Jan 2001 16:50:30 GMT

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

---

Try reading all data into a vector:

```
a = fltarr(15)
openr, unit, 'myfile.dat', /get_lun
readf, unit, a
free_lun, unit
result = transpose(reform(a, 3, 5))
```

the above example uses your data layout (3 arrays of 5 elements each).  
RESULT is a 5 x 3 array, optimized for rowwise operation (each of your  
arrays can be accessed as Result[\* , i]).

Cheers,  
Pavel

Frédérique Ponchaut wrote:

```
>
> Good Morning,
>
> I want to read some GPS data. The distribution format has been set up
> for reading in fortran language. Thus, data are stored such as they
> can be read with fortran implicit loops (i.e. read(10,(5(f14.3,2i1)),
> (data1(i),data2(i),data3(i),i=1,5)). I would like to read these data
> with idl.
> For more details, please have a look to the following example:
>
> On one line, 3 arrays of 5 elements each are stored (d1,d2,d3) :
>
> d1(0),d2(0),d3(0),d1(1),d2(1),d3(1),...,d1(4),d2(4),d3(4)
>
> Could you help me to find the way to cope with this problem?
>
> Thanks in advance,
>
> Frederique
>
>
>
> --
> _____
>
> Frédéric Ponchaut
> NOVELTIS
```

> Parc Technologique du canal  
> 2, Avenue de l'Europe  
> 31 520 Ramonville St Agne  
>  
> Tel : +33 (0)5.62.88.11.02  
> Fax : +33 (0)5.62.88.11.12

> \_\_\_\_\_  
>  
>  
>

---