
Subject: Re: Reading unformatted data from exabyte tape

Posted by [rivers](#) on Wed, 12 Apr 1995 07:00:00 GMT

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In article <3mesb5\$7u9@post.gsfc.nasa.gov>, Dennis Lee Hlavka <sgdlh@virl.gsfc.nasa.gov> writes:

> I'm trying to find a way to read unformatted data from an exabyte tape
> using readu. The problem is the data is structured with a lonarr
> header of 50 words followed by a data array (fltarr of 6620 words).
> I can read each record successfully if I only read the header or
> the data alone (ie lonarr(6670) or fltarr(6670). I hope there is
> a way that I can read both in the same record in IDL. Any
> suggestions?

How about making a structure and reading that:

```
IDL> str = {header: lonarr(50), data: fltarr(6620)}
```

```
IDL> readu, lun, str
```

I just tried this (on a disk file) and it seems to work.

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