
Subject: Re: Read words coded on 3 bytes (24 bits) in IDL
Posted by [Craig Markwardt](#) on Fri, 10 May 2002 17:52:42 GMT
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cinthia.loial@infoterra-global.com (Cinthia) writes:

> Hi all,
>
>
> Any suggestion to read words coded on 3 bytes (24 bits) in IDL?

Yes. Read first as bytes, then convert to whatever you need.

```
bb3 = bytarr(3, NWORDS)
readu, unit, bb3
```

For example to convert to long, you would fill it into a 4-byte array,
then convert to long:

```
bb4 = bytarr(4, NWORDS)
bb4(0:2,*) = bb3
ll = long(bb4, 0, NWORDS)
```

Then at that stage you may need to do bit twizzling, depending on your
architecture, using the BYTEORDER procedure.

Good luck,
Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
