
Subject: Re: Reading non-standard variable sizes

Posted by [Michael Galloy](#) on Fri, 07 Sep 2012 21:23:15 GMT

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

On 9/7/12 2:44 PM, Brian J. Daniel wrote:

> I'm attempting to read values from a binary file with some strange variable formats.
Specifically, I have a field of data that uses 9 bytes. No IDL data format has 9 bytes. I can do the following:

>

> data = bytarr(9)

> ReadU, lun, data

>

> And lun will be ready to read the next variable, but how do I convert the 9 byte variable into a single 8-byte double number?

>

> Unfortunately, I can't change the format of this data because its a standard. Thanks for your interest.

>

> -Brian

>

Check out the DOUBLE function. I think you want something like:

```
d = double(data, 0)
```

or

```
d = double(data, 1)
```

depending on which 8 bytes of the 9 bytes are used.

Mike

--

Michael Galloy

www.michaelgalloy.com

Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

Research Mathematician

Tech-X Corporation
