

---

Subject: Re: Possible Mac OS Bug with FIX.  
Posted by [K. Bowman](#) on Wed, 11 May 2005 17:12:13 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

In article <MPG.1cebe581b001a48e9899fc@news.frii.com>,  
David Fanning <davidf@dfanning.com> wrote:

> Folks,  
>  
> I have a report of a possible bug this morning with the Mac OS  
> operating system. It seems that the FIX function, when used with  
> the offset parameter does not produce reliable values.  
>  
> Here is an example:  
>  
> tmp=bytarr(20)  
> tmp[15]=5  
> print, fix(tmp[15]), fix(tmp,15)  
> 5 1280  
>  
> Can anyone confirm that this is or is not a problem in  
> IDL 6.1 on the Mac OS operating system?  
>  
> Thanks,  
>  
> David

I think perhaps you want fix(tmp, 14)?

```
IDL> tmp = bytarr(20)
IDL> tmp[15] = 5
IDL> print, fix(tmp[15])
5
IDL> print, fix(tmp, 14)
5
```

I think it is not a question of endianness, but of "which 2 bytes belong to the 2-byte integer".

Ken

---