
Subject: Re: Bus error

Posted by [Foldy Lajos](#) on Fri, 09 Jul 2004 20:17:32 GMT

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On Fri, 9 Jul 2004, Ed Wright wrote:

```
>
> Question, what memory conditions can cause a Bus error after a
> .full_session_reset?
>
> Example:
>
> IDL> cell1 = ICY_CELL_DBL(10)
> % Loaded DLM: ICY.
> IDL> .full_session_reset
> IDL> cell1 = ICY_CELL_DBL(10)
> % Loaded DLM: ICY.
> IDL> .full_session_reset
> IDL> cell1 = ICY_CELL_DBL(10)
> % Loaded DLM: ICY.
> Bus error
>
> As always,
> Ed Wright
>
```

probably misaligned data in the DLM, which is loaded at different memory positions. Eg. on a SUN the following simple C program causes "bus error":

```
int main()
{ char c[16];
  int j;
  for (j=0; j<8; j++) *(double*)(c+j)=1.0e0;
}
```

regards,
lajos
