
Subject: idl > memory problems

Posted by [winterdead](#) on Fri, 20 Aug 1999 07:00:00 GMT

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I need to ask you a few questions. I am currently trying to animate a series of pictures from CDROM's. Windows apparently only reads the names of these pictures up to 8 characters but their names are at least 13 characters long, Unix systems read their full names, Do you know how to make windows read the full names, or at least how to make IDL read the full names? I was also hoping you could help me solve this problem I have with memory. my computer does not have enough memory to make these arrays because they would require over 300 MB each and I have to make several of them to say the least. I have attempted to resize the arrays as best I know but with no luck. How would I resize these arrays without receiving the error message below? I have included an example of the code

example: % Array subscript for E must have same size as source expression.

thank you

ps

I was forced to make a loop by hand because of the problem with the names that I mentioned above I included only a small sample of this as it was much too long for the message

```
FE=strarr(300)
```

```
FO=strarr(300)
```

```
fe(0)=('d:99041000')
```

```
fo(0)=('d:99041001')
```

```
IDL> xinteranimate, set=[512,512,300], /showload
```

```
% Compiled module: XINTERANIMATE.
```

```
% Compiled module: XREGISTERED.
```

```
% Compiled module: CW_ANIMATE.
```

```
% Compiled module: CW_BGROUP.
```

```
% Compiled module: COLORMAP_APPLICABLE.
```

```
IDL> e=fltarr(512,512,300)
```

```
% Unable to allocate memory: to make array.
```

```
% Execution halted at: $MAIN$
```

```
IDL> xinteranimate, set=[64,64,300], /showload
```

```
IDL> e=fltarr(64,64,300)
```

```
IDL> o=fltarr(64,64,300)
```

```
IDL> for k=0,299 do e(*,*,k) = readsmf(fe(k))
```

```
% Compiled module: READSMF.
```

```
% Array subscript for E must have same size as source expression.
```

```
% Execution halted at: $MAIN$
```

```
IDL> xinteranimate, set=[512,512,300], /showload
```

```
IDL> o=fltarr(512,512,300)
```

```
% Unable to allocate memory: to make array.
```

```
% Execution halted at: $MAIN$
```

```
IDL> xinteranimate, set=[64,64,300], /showload
```

```
IDL> e=rebin(fltarr(64,64,300))
```

```
e=rebin(fltarr(64,64,300))  
      ^
```

```
% REBIN: Incorrect number of arguments.
```

```
IDL> e=fltarr(64,64,300)
```

```
IDL> e=rebin(e,64,64)
```

```
IDL> o=fltarr(512,512,300)
```

```
% Unable to allocate memory: to make array.
```

```
% Execution halted at: $MAIN$
```

```
IDL> o=fltarr(64,64,300)
```

```
IDL> o=rebin(o,64,64)
```

```
IDL> for k=0,299 do e(*,*,k) = readsmid(fe(k))
```

```
% Array subscript for E must have same size as source expression.
```

```
% Execution halted at: $MAIN$
```
