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Subject: READU problems in IDL 4.0.1 for Windows

Posted by [tmh8](#) on Mon, 15 Jan 1996 08:00:00 GMT

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I have been experiencing very odd flaky performance with the READU routine in certain circumstances. I use a Fortran program to generate binary format files readable by the IDL routine READU. For all files I create, I am also able to read them as format binary back into a Fortran program. However, in certain situations which do not appear to follow any pattern, the IDL routine READU will not be able to fully read some of these binary formatted files; it comes back with an error message saying "end of file encountered". Does this ring a bell with anyone? Is this a known IDL problem, and does anyone have a workaround?

Thanks. RSVP by e-mail unless you think the answer may be of general interest.

Tom Hamill  
Atmospheric Sciences, Cornell University  
[tmh8@cornell.edu](mailto:tmh8@cornell.edu)

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Subject: Re: READU problems in IDL 4.0.1 for Windows

Posted by [dean](#) on Sat, 20 Jan 1996 08:00:00 GMT

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ReadU under IDL 4.0.1 has a new keyword called /binary. I had problems with binary files created by FORTRAN programs that worked fine in IDL 3.6, but under 4.0 it would fail. After I added the /binary keyword to my ReadU command line in 4.0, I was able to read the binary image with IDL on my Window NT machine.

Kelly Dean  
CSU/CIRA

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Subject: Re: READU problems in IDL 4.0.1 for Windows

Posted by [Jackel](#) on Sun, 21 Jan 1996 08:00:00 GMT

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In article <4dq3ag\$2m4m@yuma.ACNS.ColoState.EDU> [dean@phobos.cira.colostate.edu](mailto:dean@phobos.cira.colostate.edu) writes:

> ReadU under IDL 4.0.1 has a new keyword called /binary. I had problems  
> with binary files created by FORTRAN programs that worked fine in IDL 3.6,  
> but under 4.0 it would fail. After I added the /binary keyword to my  
> ReadU command line in 4.0, I was able to read the binary image with IDL

> on my Window NT machine.

That's funny. Using 4.0.1 for Windows (running under Windows95) I got:

```
IDL> readu,1,test,/binary
% Keyword BINARY not allowed in call to: READU
% Execution halted at: $MAIN$
```

What's up? Just a WinNT thing?

Brian Jackel  
UWO

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Subject: Re: READU problems in IDL 4.0.1 for Windows  
Posted by [dean](#) on Mon, 22 Jan 1996 08:00:00 GMT  
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That's funny. Using 4.0.1 for Windows (running under Windows95) I got:

```
IDL> readu,1,test,/binary
% Keyword BINARY not allowed in call to: READU
% Execution halted at: $MAIN$
```

What's up? Just a WinNT thing?

OOPS! My mistake. Winodws NT uses the same executable as Win95. Try:

```
OpenR, lun, filename, /binary, /GET_LUN
readu,1,test,
```

Kelly Dean

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