Subject: Re: Problems transferring an XDR file.
Posted by rivers on Mon, 20 Nov 1995 08:00:00 GMT
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In article <9511200900.AA02898@ste-med-mac.aplcomm.jhuapl.edu>, linda_peco@jhuapl.edu
(Linda M. Peco) writes:
> Hello -
>
>   I am trying to take IDL savesets to other systems and I am having no
> luck at all. I am saving the savesets on a VAX/VMS system, I have tried
> using both IDL ver. 3.5.1 and 3.6.1a. The following command is being used:
>
>
> save, filename='save.xdr', /xdr, /variables
>
>   OR
>
> save, filename='save.xdr', /xdr, x, y, z, etc.   (where I list the
>   variables I want)
>
>   I have transfered the savesets via FTP (binary) to PC's, SUN's and HP's
> and have obtained the same error on each system during the restore. I have
> attempted to restore the saveset in both IDL and PV-Wave. The error remains
> the same.

I cannot reproduce this problem. I just saved 3 variables into an XDR file on
a VAX/VMS 5.5-2 system using IDL 3.5.1:

IDL. Version 3.5.1 (vms vax).
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IDL> a = 1.1
IDL> b=!pi
IDL> c = exp(4)
IDL> print, a, b, c
      1.10000   3.14159   54.5981
IDL> save, a, b, c, file='[rivers.temp]test.xdr', /xdr

I FTPed the file to a SunOS 4.1.3 system and an SGI IRIX 5.2 system, both
running IDL 4.0.1, and read the XDR file in with no problem. The values of the
variables were correct.

IDL. Version 4.0.1 (sunos sparc).
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```
IDL> restore, 'test.xdr'
IDL> print, a, b, c
     1.10000    3.14159    54.5981
```

Note that there IS a known bug with netCDF files written with IDL 3.5 and 3.6 on VAX systems. There is a utility program to repair the files.

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