
Subject: Re: savefile incompatibilities...

Posted by [Inigo Garcia](#) on Mon, 14 Jul 1997 07:00:00 GMT

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Hi:

I work in a UltraSparc with IDL 5.0, operating system SunOS 5.5.1

I brought teh test1.sav file, and I was able to restore it. What I get if I type "HELP" is the next:

```
-----  
CATALOG      STRUCT  = -> HST Array[54]  
CATALOG_NAME STRING  = 'C5Vaug'  
ID           STRING  = '5836C5Vaug'  
LABEL        STRING  = 'Saturn C5Vaug'  
N_IMAGES_CATALOG  
              INT     =    54  
PID          STRING  = '5836'
```

I suppose that that is all that was in that file !!!

Cheers,
I~nigo.

Richard G. French wrote:

```
>  
> My apologies - I made a mistake in the spelling of the hostname where  
> these  
> savefiles are located. I have corrected the message below and would  
> greatly  
> appreciate it if some of you with SUN's could let me know if you can  
> read  
> and restore test4.sav without problems. Please send your results to  
> rfrench@ahab.wellesley.edu, along the the version of your operating  
> system  
> (find this on the first line or so of /etc/motd). I'll summarize as  
> appropriate.  
> RSI has been notified of my problem but on their SUN's the savefile is  
> restored properly - I just have the bad luck to have it not work on  
> ours, and  
> I would like to understand why, and possibly how to get around the  
> problem.  
> Many thanks.  
>
```

>> I have done some more testing with savefile problems. The long and
>> short
>> of it is that I am having problems porting savefiles between DEC
>> Alpha,
>> DECstation and a SUN sparc.
>> The Sun is running IDL4.0.1, the Alpha is running OSF/1 and IDL 5.0,
>> and
>> the
>> DECstation is running IDL3.6. To see if the problem is an IDL5.0
>> problem, I created 4 test savefiles, which I have put on my anonymous
>> ftp site. I would appreciate hearing from
>> people to see if you are able to restore the file without problems.
>> Please login to
>> anonymous ftp on
>> ahab.wellelsey.edu
>> ftp> cd pub/rsi
>> ftp> bin
>> ftp> mget test*.sav
>> ftp> quit
>>
>> Here is a description of the individual savefiles.
>>
>> 1) test1.sav
>> Created the savefile under DEC ALPHA (Unix) IDL5.0. Should contain
>>
>> variables only, no procedures or system variables. Results so far:
>> crashes IDL on sun sparc IDL4.0.1
>> Readable on DECstation running IDL3.6
>>
>> 2) test2.sav
>> Smaller version of test1.sav (same variables saved, but array of
>> structures is smaller).
>> This was to see if the problem was associated with a memory
>> problem. Results so far: crashes IDL on sun sparc IDL4.0.1
>> Readable on DECstation running IDL3.6
>>
>> 3) test3.sav
>> To see if problem was an IDL5.0 problem, I restored test2.sav on a
>> DECstation running
>> IDL3.6, and then immediately did
>> save,/variables,file='test3.sav'
>> Results so far:
>> crashes IDL on sun sparc IDL4.0.1
>> Readable on DEC Alpha Unix IDL5.0
>>
>> 4) test4.sav
>> In desperation, I set the /xdr flag when saving the file. Created
>> as

```
>> test3.sav except:
>> save,/variables,/xdr,file='test4.sav'
>> Results so far:
>> crashes IDL on sun sparc IDL4.0.1
>> Readable on DEC Alpha Unix IDL5.0
>>
>> I have reported this problem to RSI but I think it might be very
>> helpful
>> to get more test
>> results on other platforms.
>>
>> This problem is preventing us from being able to use the
>> cross-platform
>> strengths of IDL
>> and is really cramping our research at the moment. I would appreciate
>> hearing from
>> anyone who might have ideas about how to get around this problem. The
>> SUN sparc
>> owners let their maintenance lapse due to the high cost, and so
>> upgrading to IDL5.0
>> is not an option.
>>
>> Thanks very much.
>>
>>> Dick French
>>> rfrench@ahab.wellesley.edu
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+-----oOOo-(_)oOOo-----++
| I~nigo Garcia Ruiz          |
| Kapteyn Instituut          | Phone: +31-(0)50-3634083 |
| Landleven 12                | Fax:  +31-(0)50-363   |
| 9747 AD GRONINGEN (Netherlands) e-mail: iruiz@astro.rug.nl |
+-----++
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