
Subject: Re: Problem with the astron database on Mac OS X

Posted by [rklein](#) on Wed, 21 Dec 2011 21:13:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

I update the library and the problems seems to be gone. But, let me investigate further.

Randolf

On Dec 21, 8:13 am, Russell <rryan....@gmail.com> wrote:

> I'm very familiar with the Astrolib, but not so much with the database
> procedures. Can you confirm which instance of the routines that
> you're using, maybe issuing something like

>

> findpro,'dbhelp' or 'dbopen', etc. Just to make sure that you don't

> accidentally have an old version floating around somewhere?

>

> Russell

>

> On Dec 20, 8:20 pm, rklein <r_kl...@berkeley.edu> wrote:

>

>

>

>

>

>

>

>> Hi,

>

>> I am using the database routines from the IDL Astronomy User's

>> library: (<http://idlastro.gsfc.nasa.gov/contents.html#C3>) on Mac OS X,

>> IDL version 7.1.

>

>> The following happens when I try to open two linked databases (the

>> yale_bs and yale_bs_rmks databases are available

at<http://idlastro.gsfc.nasa.gov/ftp/zdbase/>):

>

>> IDL> astrolib

>> % Compiled module: ASTROLIB.

>> % ASTROLIB: Astronomy Library system variables have been added

>> IDL> dbopen,'yale_bs_rmks,yale_bs'

>> % Compiled module: DBOPEN.

>> % Compiled module: ZPARCHECK.

>> % Compiled module: STRSPLIT.

>> % Compiled module: DBCLOSE.

>> % Compiled module: FIND_WITH_DEF.

>> % Compiled module: FIND_ALL_DIR.

>> % Compiled module: BREAK_PATH.

>> Attempt to subscript SBYTE with I is out of range.

```
>> IDL> dbhelp
>> % Compiled module: DBHELP.
>> % Compiled module: DB_INFO.
>> % Compiled module: TEXTOPEN.
>> % Compiled module: FILEPATH.
>> % Compiled module: DB_ITEM_INFO.
>> ENTRY   HR      CATEGORY REMARKS   SPARES
>
>> ----- Indexed Items -----
>> HR
>
>> ----- Pointer Information -----
>> YALE_BS_RMKS.HR ---> YALE_BS
>
>> data base contains      9188 entries
>> % Compiled module: TEXTCLOSE.
>> IDL>
>
>> As you can see, only one is opened despite the two being linked.
>
>> I also noticed that using "/EXTERNAL" with dbcreate does not work on
>> Mac OS.
>
>> Does anyone has an idea what is going wrong. Is it an IDL bug on Mac
>> OS which treats binary files unexpectedly? Or is there an invalid
>> assumption in the database code?
>
>> Thanks and happy holidays.
>> Randolf
```
