## Subject: Re: Problem with the astron database on Mac OS X Posted by Russell[1] on Wed, 21 Dec 2011 16:13:09 GMT

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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 athttp://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
```

Subject: Re: Problem with the astron database on Mac OS X Posted by rklein on Wed, 21 Dec 2011 18:00:24 GMT

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I am using the Oct 2010 version which seems to be current. Thanks. 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,

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>> % Compiled module: FIND ALL DIR.
>> % Compiled module: BREAK_PATH.
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>> Thanks and happy holidays.
>> Randolf
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## Subject: Re: Problem with the astron database on Mac OS X Posted by rklein on Wed, 21 Dec 2011 21:13:34 GMT

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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:
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>> % Compiled module: DB INFO.
>> % Compiled module: TEXTOPEN.
>> % Compiled module: FILEPATH.
>> % Compiled module: DB_ITEM_INFO.
                      CATEGORY REMARKS
>> ENTRY
              HR
                                               SPARES
>> ----- Indexed Items -----
>> HR
>
>> ---- Pointer Information ----
>> YALE BS RMKS.HR ---> YALE BS
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