
Subject: Re: open sockets

Posted by [Bringfried Stecklum](#) on Tue, 20 Mar 2007 16:28:40 GMT

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Perhaps this is a hint. I noticed that there dozens of defunct ds9 jobs.
I use "spawn" to pipe the images into ds9. After "close,/all" I can kill them. But I am wondering whether this is the cause or the consequence of the socket issue.

Bringfried Stecklum wrote:

> Dear folks,
>
> I am using the ASTROLIB webget procedure for retrieving data for a
> sample of targets in a loop. The procedure calls socket like this
>
> socket, unit, Server, Port, /get_lun,/swap_if_little_endian
>
> and uses "free_lun,unit" to deallocate the unit. However, after 28 calls
> of webget the following error message pops up
>
> SOCKET: All available logical units are currently in use.
>
> which means that all units available from the get_lun pool are still
> open. In order to be sure that they will be actually closed I added
> "close,unit" after "free_lun,unit". But this does not change anything
> (as you might have guessed). I thought I'd better ask before trying the
> "/force" keyword as a last resort.
>
> regards,
>
> Bringfried Stecklum

Subject: Re: open sockets

Posted by [news.verizon.net](#) on Tue, 20 Mar 2007 17:20:27 GMT

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> and uses "free_lun,unit" to deallocate the unit. However, after 28 calls
> of webget the following error message pops up
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> SOCKET: All available logical units are currently in use.

I suspect that other files are being opened besides the one opened and closed by webget.pro. What does "help,/files" return?

--Wayne

P.S. DS9 as a fine astronomical display viewer, but you might also look at Aaron Barth's recently enhanced ATV (<http://www.physics.uci.edu/~barth/atv/>) for something similar in IDL.

Subject: Re: open sockets

Posted by [Bringfried Stecklum](#) on Tue, 20 Mar 2007 18:09:11 GMT

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Dear Wayne,

the only other file which was open besides the 28 ds9 files was unit 100, the log file. I just checked that the socket procedure itself behaves fine (using the example from the manual), i.e. opens and closes units correctly.

Thanks for pointing to ATV (I have an older version installed). However, ds9 offers some functionality which is not (yet) available with ATV.

regards,

Bringfried

Wayne Landsman wrote:

```
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> I suspect that other files are being opened besides the one opened and
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> --Wayne
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> look at Aaron Barth's recently enhanced ATV ( http://www.physics.uci.edu/~barth/atv/
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>
>
```
