Subject: strange behaviour of SOCKET
Posted by pgrigis on Wed, 20 Aug 2008 21:48:19 GMT

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Hi folks,

for some mysterious reasons, socket is not working anymore
for me. I can access files in my own internet domain (i.e.
harvard.edu)
but I cannot access files [i.e. readf on the unit given by socket
hangs]
outside that domain (using HTTP GET commands).
I tried spawn, 'wget ...' from the same command line and this can get
files from everywhere.
Notice that "socket" itself and printf,unit both work (or at least
do not give troubles), is only readf,unit that hangs.

So the question is: how is socket different than wget?
If this is a firewall issue, what settings are causing this?

I know this is not much information to go on, but this issue
seems pretty hard to track down, so I just though I could ask
here before trying more desperate measures...

Ciao,
Paolo

Subject: Re: strange behaviour of SOCKET
Posted by Pedro.Rodriguez.Pascu on Fri, 22 Aug 2008 12:43:03 GMT

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Hello,

The problem might be related to HTTP1.0/HTTP1.1 protocols in the
socket connection. Unfortunately, I am not an expert in internet
protocols nor in IDL, but I found similar problems that were solved by
using the latest version of webget.pro function in the astrolib
library by Wayne Landsman.

I apologize if this post is actually non-sense.

Pedro

Subject: Re: strange behaviour of SOCKET
Posted by David Fanning on Fri, 22 Aug 2008 13:10:08 GMT

Pedro.Rodriguez.Pascual@gmail.com writes:

> I apologize if this post is actually non-sense.

Oh, goodness, don't start that. It could be a landslide! :-(

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: strange behaviour of SOCKET
Posted by pgrigis on Fri, 22 Aug 2008 13:38:54 GMT

Yes,

I was using higher level routines such as sock_copy and webget,
and after some debugging I found out (not surprisingly) that socket
was the culprit.

Actually I found out that I can get the files if I want a long time
(I haven't timed it, but it is more then several tens of minutes).

I am in contact with my sysadmins to find out whether this comes
from interaction with our web-filtering.

Ciao,
Paolo

Pedro.Rodriguez.Pasc...@gmail.com wrote:
> Hello,
>
> The problem might be related to HTTP1.0/HTTP1.1 protocols in the
> socket connection. Unfortunately, I am not an expert in internet
> protocols nor in IDL, but I found similar problems that were solved by
> using the latest version of webget.pro function in the astrolib
> library by Wayne Landsman.
>
> I apologize if this post is actually non-sense.

>
> Pedro

Subject: Re: strange behaviour of SOCKET
Posted by pgrigis on Fri, 22 Aug 2008 13:45:52 GMT
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pgri...@gmail.com wrote:
> Yes,
>
> I was using higher level routines such as sock_copy and webget,
> and after some debugging I found out (not surprisingly) that socket
> was the culprit.
>
> Actually I found out that I can get the files if I want
read wait ;-)

> a long time
> (I haven't timed it, but it is more then several tens of minutes).
>
> I am in contact with my sysadmins to find out whether this comes
> from interaction with our web-filtering.
>
> Ciao,
> Paolo
>
> Pedro.Rodriguez.Pasc...@gmail.com wrote:
>> Hello,
>>
>> The problem might be related to HTTP1.0/HTTP1.1 protocols in the
>> socket connection. Unfortunately, I am not an expert in internet
>> protocols nor in IDL, but I found similar problems that were solved by
>> using the latest version of webget.pro function in the astrolib
>> library by Wayne Landsman.
>>
>> I apologize if this post is actually non-sense.
>>
>> Pedro