Subject: Re: IDL 5.4 on Solaris? Please test Posted by hradilv.nospam on Mon, 26 Nov 2001 21:08:31 GMT View Forum Message <> Reply to Message

```
For me:
{ sparc sunos unix 5.3 Nov 11 1999 } ----> WORKS
{ sparc sunos unix 5.4 Sep 25 2000
                                            64 } ---> DOES NOT
                                      32
WORK
BTW:
% uname -a
SunOS mr1 5.7 Generic 106541-10 sun4u sparc SUNW, Ultra-5 10
On Mon, 26 Nov 2001 12:46:44 -0800, David Shadovitz
<david_shadovitz@xontech.com> wrote:
> As noted in the "Capturing screen output" thread, a simple piece of code
> works for me under IDL 5.2.1 on Solaris, but fails under IDL 5.4 on the
> same machine. So I'd appreciate it if anyone who is running IDL 5.4 on
> Solaris could help me out:
> 1. Create a simple file containing two IDL commands:
> $ cat runidl
> print, 'Hello world'
> exit
> 2. Now run it, redirecting the output
> $ idl runidl > runidl.out
>
> 3. Does runidl.out now contain "Hello World", or is it empty?
> Thanks.
> -David
```

Subject: Re: IDL 5.4 on Solaris? Please test Posted by Ken Mankoff on Mon, 26 Nov 2001 22:55:55 GMT View Forum Message <> Reply to Message

Hi David,

>

Please see my earlier post (under you previous title). This is something new in 5.4, and is under Sun, and Linux.

I also posted my work-around (its not good enough to be a "fix").

On Mon, 26 Nov 2001 hradilv.nospam@yahoo.com wrote:

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>> -David
>>
>>
>
>
Ken Mankoff
LASP://303.492.3264
```

Subject: Re: IDL 5.4 on Solaris? Please test

http://lasp.colorado.edu/~mankoff/

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Ken,

Thanks very much. A colleague is bringing up this issue with RSI, and we'll let you (all) know of any positive developments. I wonder if IDL 5.5 also kills the redirect.

Your work-around is, essentially, to write the program's output to a file. I'd thought of doing so, but I don't want to go that route.

-David

Ken Mankoff wrote:

```
> Hi David,
> Please see my earlier post (under you previous title). This is something
> new in 5.4, and is under Sun, and Linux.
>
> I also posted my work-around (its not good enough to be a "fix").
>
 -k.
>
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```

Subject: Re: IDL 5.4 on Solaris? Please test Posted by David Shadovitz on Wed, 28 Nov 2001 01:27:21 GMT View Forum Message <> Reply to Message

Here's the scoop:

RSI says that it (the loss of redirected output) is a known bug in IDL 5.4 and is fixed in IDL 5.5. The fix for IDL 5.4 is to use "flush":

flush, -1; Flush the output buffer so that informational messages can be written flush, -2; Flush the output buffer so that stderr can be written

So the code below now works. That is, the output file now does in fact contain the program's output.

\$ cat runidl print, 'Hello world' flush, -1 flush, -2 exit

\$ idl runidl > runidl.out

\$ cat runidl.out Hello world

Thanks to all who responded.

-David

David Shadovitz wrote:

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- > know of any positive developments. I wonder if IDL 5.5 also kills
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