
Subject: Re: IDL 5.4 on Solaris? Please test
Posted by [hradilv.nospam](#) on Mon, 26 Nov 2001 21:08:31 GMT
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For me:

```
{ sparc sunos unix 5.3 Nov 11 1999 } ----> WORKS  
{ sparc sunos unix 5.4 Sep 25 2000    32    64 } ---> DOES NOT  
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
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Hi David,

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

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

-k.

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

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>> 3. Does runidl.out now contain "Hello World", or is it empty?
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>> Thanks.
>> -David
>>
>>
>
>
```

--
Ken Mankoff
LASP://303.492.3264
<http://lasp.colorado.edu/~mankoff/>

Subject: Re: IDL 5.4 on Solaris? Please test

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:

```
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>
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>
> I also posted my work-around (its not good enough to be a "fix").
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>>> Thanks.
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>>
>
> --
> Ken Mankoff
> LASP://303.492.3264
> http://lasp.colorado.edu/~mankoff/
```

Subject: Re: IDL 5.4 on Solaris? Please test
Posted by [David Shadovitz](#) on Wed, 28 Nov 2001 01:27:21 GMT
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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
 - > the redirect.
-