
Subject: Re: Minor bug in 4.0.1 for Win95
Posted by [Tim Patterson](#) on Fri, 30 Aug 1996 07:00:00 GMT
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Eric J. Korpela wrote:

>
> Anyone know what happens on VMS?
>

OPEN VMS:

```
IDL> printf,0
IDL> printf,1
% PRINTF: File unit is not open: 1.
% Execution halted at: $MAIN$
IDL> printf,-1
```

```
IDL> printf,-2
```

```
IDL> printf,-3
% PRINTF: File unit is not within allowed range: -3.
% Execution halted at: $MAIN$
IDL>
```

Seems to be the same as the Unix side. No crashes anyway.
Looks like that's just a MS Windows/IDL problem so far.

Tim

Subject: Re: Minor bug in 4.0.1 for Win95
Posted by [korpela](#) on Fri, 30 Aug 1996 07:00:00 GMT
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In article <32272F74.6EEA@raptor.lpl.arizona.edu>,
Tim Patterson <tim@raptor.lpl.arizona.edu> wrote:

>
> IDL> printf,-1
>
> IDL> printf,-2
>
> IDL> printf,-3
> % PRINTF: File unit is not within allowed range: -3.
> % Execution halted at: \$MAIN\$
>

> Wonder what file units -1 and -2 are?
>

On IDL 4.0.1 on SunOS 4.1.4:

Units -1 and -2 appear to be stdout and stderr. Output of print goes to -1 while the IDL prompt, command line, and system messages go to -2.

Unit 0 I'm not sure of. Could be /dev/null.

Tis a shame it's not consistent among architectures.

Anyone know what happens on VMS?

Eric

--

Eric Korpela | An object at rest can never be
korpela@ssl.berkeley.edu | stopped.

Click here for more info.

Subject: Re: Minor bug in 4.0.1 for Win95
Posted by [Tim Patterson](#) on Fri, 30 Aug 1996 07:00:00 GMT
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David P. Steele wrote:

>
> In article <brian.jackel.77.001B3BC3@uwo.ca>, brian.jackel@uwo.caJ says...
>>
>> Purely by accident, I found out a one line way to
>> crash IDL Version 4.0.1 (Win32 x86) running under
>> Windows 95. Just type
>>
>> PRINTF,0
>>
>> and it goes boom. Yes, I know it's not a valid use
>> of PRINTF, but the equally stupid PRINTF,1
>> just returns a nice error message.
>>
>> Can anyone reproduce this on other platforms?
>>
>> Brian Jackel
>
> Sure enough, it gives an "Unhandled Exception" error message under Windows for
> Workgroups 3.11.
>

On a digital unix alpha with idl 4.0.1b:

```
IDL> printf,1
% PRINTF: File unit is not open: 1.
% Execution halted at: $MAIN$
IDL> printf,0
IDL>
```

So no crash, but no error message either.

Also,

```
IDL> printf,-1
```

```
IDL> printf,-2
```

```
IDL> printf,-3
% PRINTF: File unit is not within allowed range: -3.
% Execution halted at: $MAIN$
IDL>
```

Wonder what file units -1 and -2 are?

Tim

Subject: Re: Minor bug in 4.0.1 for Win95
Posted by [David.Steele](#) on Fri, 30 Aug 1996 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <brian.jackel.77.001B3BC3@uwo.ca>, brian.jackel@uwo.caJ says...

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> just returns a nice error message.
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> Can anyone reproduce this on other platforms?
>
> Brian Jackel
```

Sure enough, it gives an "Unhandled Exception" error message under Windows for Workgroups 3.11.

Dave

--

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Subject: Re: Minor bug in 4.0.1 for Win95
Posted by [Brian C. Ballard](#) on Mon, 02 Sep 1996 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

Tim Patterson wrote:

>
> Eric J. Korpela wrote:
>
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>
> Seems to be the same as the Unix side. No crashes anyway.
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>
> Tim

Yep, same thing on Sun Solaris 2.5:

```
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IDL> printf,1
% PRINTF: File unit is not open: 1.
% Execution halted at: $MAIN$
```

IDL> printf,-1

IDL> printf,-2

IDL> printf,-3

% PRINTF: File unit is not within allowed range: -3.

% Execution halted at: \$MAIN\$

--

Brian C. Ballard

Electrical Engineer

E-mail: bballard@orionint.com

WWW : <http://www.orionint.com/~bballard/>

Subject: Re: Minor bug in 4.0.1 for Win95

Posted by [robert](#) on Tue, 03 Sep 1996 07:00:00 GMT

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Brian C. Ballard (bballard@orionint.com) wrote:

: Tim Patterson wrote:

: > Eric J. Korpela wrote:

: > > Anyone know what happens on VMS?

: > OPEN VMS:

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: > IDL> printf,1

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: IDL> printf,-2

: IDL> printf,-3

: % PRINTF: File unit is not within allowed range: -3.

: % Execution halted at: \$MAIN\$

Same on IRIX5.3. As a point of note, we have -2 for stderr, -1 for stdout,
and finally, just for information,

```
IDL> print,!journal
```

0

(system variable !journal: "A read-only long-integer variable containing
the logical unit number of the file used for journal output" Online help)

So what is !journal set to undef W95?

--

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Dept of Physics, University of York, Fax:(+44)1904-432214
York YO1 5DD U.K. WWW: http://aurora.york.ac.uk/

Subject: Re: Minor bug in 4.0.1 for Win95

Posted by [M.Reuss](#) on Wed, 04 Sep 1996 07:00:00 GMT

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The Users'Guide for IDL 3.0 says that under Unix,
file units 0,-1, and -2 are tied to stdin, stdout, and stderr,
respectively.

Under VMS, these units are tied to the equivalents
SYS\$INPUT, SYS\$OUTPUT, and SYS\$ERROR.

The Release Notes for IDL (version 3.*) for Windows say that these
three numbers are tied to stdin, stdout, and stderr, too.

I don't know whether there have been major changes to this in IDL 4.*.

Isn't there a good documentation any more?

Matthias Reuss
