
Subject: Re: Strange bug in IDL or AIX
Posted by [dov](#) on Thu, 06 Feb 1992 11:24:52 GMT
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In my message Mon, 3 Feb 02 12:10:14 WET I said:

```
>
> I have encountered a very strange bug. I don't know if it belongs
> to IDL or AIX. It occurs when I use call_external from IDL.
>
[Stuff deleted]
>
> I compile and link the c program with the sequence of commands
>
> cc -O -c bug.c
> ld -e bug -o bug bug.o -lm -lc
>
[Stuff deleted]
```

The mystery is solved, thanks to Thomas Braunbeck, AS Software Service
AIX, Germany.

Compiling and linking the program with the one statement:

```
cc -O -e bug -o bug bug.c -lm
```

removes the problem and IDL's complaints. This should be changed in the
IDL documentation "Using CALL_EXTERNAL and LINKIMAGE on the IBM Risc
System 6000".

```
< example : example.c
< cc -c example.c
< ld -e example -o example example.o -lc
```

```
> example : example.c
> cc -e example -o example example.c
```

--

```

              /  o \  o \
Dov Grobgeld      ( o o ) o |
The Weizmann Institute of Science, Israel    \ o /o o /
"Where the tree of wisdom carries oranges"    || ||
              _||_||_
```

Subject: Re: Strange bug in IDL or AIX
Posted by [marc](#) on Thu, 06 Feb 1992 16:37:52 GMT

In article <9202060924.AA16879@menora.weizmann.ac.il> dov@menora.weizmann.ac.il (Dov Grobgeld) writes:

...

> Compiling and linking the program with the one statement:

> cc -O -e bug -o bug bug.c -lm

> removes the problem and IDL's complaints. This should be changed in the
> IDL documentation "Using CALL_EXTERNAL and LINKIMAGE on the IBM Risc
> System 6000".

> < example : example.c

> < cc -c example.c

> < ld -e example -o example example.o -lc

>> example : example.c

>> cc -e example -o example example.c

I would think that

cc -c example.c

cc -e example -o example example.o -lc

would work just as well. It's not doing it in one step that matters,
but rather that cc provides the correct default options to ld.

--

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Subject: Re: Strange bug in IDL or AIX
Posted by [marc](#) on Thu, 06 Feb 1992 16:38:59 GMT
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Sorry, that should be:

cc -c example.c

cc -e example -o example example.o

since -lc is implied by using cc.

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