
Subject: Re: RedHat 6.0 and IDL 5.2

Posted by [Liam Gumley](#) on Tue, 13 Jul 1999 07:00:00 GMT

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Chris E Forest wrote:

- > Hi IDL and RedHat Linux users,
- > A while back I noticed a few postings about RH6.0 and IDL having problems.
- > Could someone post a summary of (potential?) conflicts or assuage my
- > fears of making the RH6.0 upgrade?

Chris,

I posted the following message on 22 Jun 1999. The method outlined below has worked for several in-house IDL5.2 installations on Redhat 6.0. Of course, your mileage may vary.

Cheers,
Liam.

Lev Tarasoff wrote:

- > I've got a linux version of IDL 4.01b that was set up
- > on RedHat Linux 4.0. However, I have just upgraded my
- > PC workstation to Redhat 6.0 (2.2.5-15 kernel) and I
- > can't even get the IDL install routine to work. Is
- > there any way to make it work on this version of RH linux?
- > If not, what is the most recent version of RH linux that
- > could be made to work with IDL 4.01b?

If you want to stick with Redhat 6.0, you'll need to upgrade to IDL 5.2, which you can download from <ftp://ftp.rsinc.com/pub/idl/unix/>

To get IDL 5.2 to work under Redhat 6.0, a patch is required. The instructions below were posted by Olivier Archer (<mailto:oarcher@ifremer.fr>), and have been used here successfully for two different Linux systems.

---start quote---

Here's another way to get around the problem.
The goal is to define the setfpucw function

__setpucw.c:

```
void __setfpucw(void)
{
}
void __libc_init(void)
{
```

```
}  
void _dl_symbol_value()  
{  
}
```

Compile it:

```
#gcc -fPIC -c __setfpucw.c
```

```
#ld -shared -o __setfpucw.so -assert pure-text __setfpucw.o
```

define the LD_PRELOAD environment variable before launching

idl:

```
#export LD_PRELOAD=./?/?/__setfpucw.so
```

---end quote---

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