

---

Subject: Re: IDL.5.2.1

Posted by [Michael Kueppers](#) on Fri, 07 Jan 2000 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Eiichi Sagawa wrote:

>  
> Help needed,  
>  
> I could remeber that there were several discussions about installation  
> problem of IDL 5.2 over Linux/RedHat 6.1 machine, though I was not much  
> interested with this topic at that time. I'm having exactly same  
> problem now. Could anyone tell me how to cope with this? Seems to me  
> problems is related to versin of 'libc'  
>  
> regards,  
>  
> Eiichi SAGAWA  
> Communications Research Laboratory

The following is a copy of an old message in this newsgroup from  
Liam Gumley (I think). It worked at least for Redhat 6.0  
I also heard that RSI has released a version 5.2.1 for Linux  
in which the installation problem was fixed. You might want to  
have a look at [html://www.rsinc.com](http://www.rsinc.com)

Regards,  
Michael Kueppers

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 environnement variable before launching

idl:

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

---end quote---

--

Michael Kueppers      email: [kueppers@phim.unibe.ch](mailto:kueppers@phim.unibe.ch)

Physikalisches Institut    Tel: [41] - (31) - 631 4419

Universitaet Bern      FAX: [41] - (31) - 631 4405

CH-3012 Bern, Switzerland

---