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Subject: Re: Using zlib and IDL 6.1 in a DLM  
Posted by [Maurizio Tomasi](#) on Thu, 22 Dec 2005 08:59:22 GMT  
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Craig Markwardt wrote:

> Maurizio Tomasi <tomasi@lambrate.inaf.it> writes:  
>> My question is: how can I tell my DLM to use my zlib library instead  
>> of the one provided by IDL?  
>  
> Static link instead of dynamic?  
>  
> Good luck!  
> Craig

I tried this also (that is, adding "-static -lz" to the end of the line invoking the compiler), but the result is still the same:

```
-----  
$ gcc -c -I/opt/idl/idl/external/include test.c -fPIC -DPIC -o test.o  
$ gcc -o test.so -shared test.o -L/opt/idl/idl/bin/bin.linux.x86/ -lidl\  
-static -lz  
$ idl  
IDL Version 6.1 (linux x86 m32). (c) 2004, Research Systems, Inc.  
Trial version expires on 31-dec-2005.  
Licensed for personal use by INAF-Catania only.  
All other use is strictly prohibited.  
IDL> linkimage, 'PRINT_ZLIB_VERSION', 'test.so'  
IDL> print_zlib_version  
1.1.4  
-----
```

I ever tried to manually include every source file of the zlib into the source code of my app and then linking together all the object files, but (that *is* incredible) nothing changes!

It begins to be a bit frustrating...

Maurizio.

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