
Subject: IDL_MakeStruct causes arithmetic exeception
Posted by [paharriso](#) on Wed, 16 Jul 2008 20:37:05 GMT
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Hi,

I am having a problem with IDL 6.4 running on OSX 10.5.4 (intel) - I am trying to use IDL_MakeStruct - and am getting an exeception

Thread [0] (Suspended: Signal 'EXC_ARITHMETIC' received. Description: Arithmetic exception.)

```
5 IDL_IdentHash() 0x00c6de9c
4 IDL_MakeStructInternal() 0x00d29132
3 IDL_MakeStruct() 0x00d2934d
2 IDLStruct::makeIDLVar() /Users/pharriso/Work/ag/src/desktop/capi/
idl/IDLStruct.cpp:82 0x00007ee5
1 main() /Users/pharriso/Work/ag/src/desktop/capi/idl/main.cpp:30
0x00001f31
```

this was occuring in my own code, so I substituted exactly the code from the structures page of the EDG and I get an identical exception - this makes me think that there must be some sort of compiler version problem (though I am using the standard apple distributed one)

```
% gcc -v
Using built-in specs.
Target: i686-apple-darwin9
Configured with: /var/tmp/gcc/gcc-5484~1/src/configure --disable-
checking -enable-werror --prefix=/usr --mandir=/share/man --enable-
languages=c,objc,c++,obj-c++ --program-transform-name=/^[cg][^\.]*$/s/
$/-4.0/ --with-gxx-include-dir=/include/c++/4.0.0 --with-slibdir=/usr/
lib --build=i686-apple-darwin9 --with-arch=apple --with-tune=generic --
host=i686-apple-darwin9 --target=i686-apple-darwin9
Thread model: posix
gcc version 4.0.1 (Apple Inc. build 5484)
```

or that there is some problem in the compiler options that I am using
(-arch i386 -m32 -O0 -g3 -Wall -c -fmessage-length=0 -dynamic)

Any help would be gratefully received.

I notice that <http://groups.google.com/group/comp.lang.idl-pvwave/msg/736e2fb9ce075870?hl=en> displays a similar problem, but the solution was not posted...

or that
