
Subject: read a C written binary file with IDL
Posted by [Thibault Garel](#) on Fri, 10 Feb 2012 03:44:01 GMT
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Hi,

I am having a problem with reading a C written binary file with IDL.
It may come from differences of type definitions between C and IDL but
I could not really figure out from Google...

In C, it writes a structure containing the following variable types:

```
struct MyStruct
{
int a;
long long b;
int c;
float d;
};
```

Then, in IDL, I read this with:

```
MyStruct = {$
    a      : 0L, $
    b      : 0LL, $
    c      : 0L, $
    d      : 0.0 $
}
```

```
openr, 1, filename, /SWAP_IF_BIG_ENDIAN
readu, 1, MyStruct
close, 1
```

but this gives me wrong values.

Did I miss something about the type conversion??

If someone could please clarify this, it would really help!
Thanks !
