
Subject: In case someone has trouble including export.h
Posted by [Ruediger Kupper](#) on Tue, 29 Jan 2002 15:16:37 GMT
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Hi!

We just ran into a problem with IDL5.5's export.h file, when including it from a c++ source file:

I tested g++-2.95 and g++-3.0, and both (most annoyingly) choked on it, due to the following reason:

The original export.h shipping with IDL 5.5 featured a prototype declaration with a variable named "template". This choice of name effectively prevents the code from compiling, when included from C++ code (even when included 'extern "C" {}').

Solution:

With variable names being arbitrary (all that matters is the type and order of arguments for defining a proper prototype), you may feel free to rename it, so as not to interfere with the C++ compiling process.

The original call was:

```
extern char *IDL_CDECL IDL_VarMakeTempFromTemplate
IDL_ARG_PROTO((IDL_VPTR template, int type, IDL_StructDefPtr
sdef, IDL_VPTR *res, int zero));
```

P.S.:

The IDL_ARG_PROTO(...) macro is defined near the beginning of the file. It acts as a null-filter, reproducing it's argument. It can be used to completely turn off prototypes in this file, for compatibility to non-ANSI-compilers. We could have utilised this by #define-ing IDL_CC_NOT_ANSI, which also seemed to fix the above mentioned problem. But I felt this being much more interfering than simply respelling the name.

Hope that this may be helpful,
regards,
Ruediger.
