Subject: Re: Defining constants in IDL? Posted by ronn on Sat, 22 Jun 2002 16:55:33 GMT

View Forum Message <> Reply to Message

in article af0nid\$1ets\$1@agate.berkeley.edu, Marshall Perrin at mperrin+news@arkham.berkeley.edu wrote on 6/21/02 10:31 PM:

- > Dominic Zarro <dzarro@yahoo.com> wrote:
- >> IDL is very forgiving. Just define a constant to be any name and set its
- >> value. For example,

>>

>> IDL> a = 100

>>

>> Just be careful not to redefine and, hence, overwrite the variable 'a'.

>

- > The problem with this approach is that it is only visible within one
- > particular file. There's no mechanism akin to C's header files for
- > getting a constant into multiple source files, something I frequently find
- > myself missing.

Hi Marshall,

Actually there is something similiar to including a header file. What you need is a file with no header (i.e. pro or function as the first line) and no end statement. For example,

a = 0 True = 1 False = 0 yes = 'YES'

could be saved in a file called constants.pro.

To include this in your own code you would do this.

pro myProcedure, p1, p2

@constants

••

end

The @ sign acts as an include statement to the compiler.

-Ronn

--

Ronn Kling KRS, inc.

email: ronn@rlkling.com

"Application Development with IDL" i¿½ programming book updated for IDL5.5!

"Calling C from IDL, Using DLM's to extend your IDL code"

http://www.rlkling.com/