
Subject: Re: Defining constants in IDL?

Posted by [thompson](#) on Thu, 27 Jun 2002 22:51:09 GMT

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I believe that the @ statement also works in PVWave. However, you have to be careful with @. You can't have any leading spaces, or spaces between it and the filename. So, you should change "@ junk" to "@junk", and make sure that the @ is all the way over to the left.

William Thompson

jeyadev@wrc.xerox.bounceback.com (Surendar Jeyadev) writes:

> In article <B93A247B.5660%ronn@rlkling.com>,

> ronn kling <ronn@rlkling.com> wrote:

>>

>> 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.

> Alas, it fails with PV-Wave. Does anyone have a workaround?

> kaveri 193% cat junk.pro

> a = 1.0

> b = 2.0

```
> c = 3.0

> kaveri 194% cat try.pro

> pro try, x

> @ junk
>   print, x + a
>   print, x + b
>   print, x + c

> end
>
> .....
> .....

> WAVE> .run try
> % Input line is too long for input buffer of 511 characters.
> % Compiled module: TRY.
> WAVE>

> Not good, eh? Thought it was my file try.pro that was the problem.
> Turns out that it is not. Commenting the line out makes the file
> 'compile'.

> I must say that the lack of this facility is very irksome. It is
> one of the great advantages of Python, which, though similar to
> IDL/Wave has distinct advantages with namespaces, etc. There are
> many times that I would like to call a Wave "main" programme
> from another (just as I would Unix scripts) and not being able
> means doing some of the work with Python, etc.

> --

> Surendar Jeyadev      jeyadev@wrc.xerox.bounceback.com
>
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