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

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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 in very irksome. It is
> one of the great adavantages 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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