
Subject: Re: Declaring constants
Posted by [thompson](#) on Thu, 07 Nov 2002 21:52:43 GMT
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nrk5@cornell.edu (Nidhi Kalra) writes:

> Is there any way to declare constants in IDL as you might in C header
> files or Java classes?

> -Nidhi

Perhaps DEFSYSV is what you want, e.g.

```
DEFSYSV,'!lightspeed',2.99773E+10
```

Bill Thompson

Subject: Re: Declaring constants
Posted by [R.G. Stockwell](#) on Thu, 07 Nov 2002 22:38:27 GMT
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Nidhi Kalra wrote:

> Is there any way to declare constants in IDL as you might in C header
> files or Java classes?
>
> -Nidhi

You have a couple of options.

1) Create a function, for instance

```
function twopi  
  return,2*!dpi  
end
```

1b) similarly you could put it in an object

2) make a system variable (and perhaps put it in our startup.pro)
DEFSYSV, '!twopi', 2*!dpi

These would come in very handy should the value of pi ever change :)

Cheers,
bob stockwell
