
Subject: Re: converting floats to doubles

Posted by [Michael Wallace](#) on Fri, 20 May 2005 21:35:20 GMT

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>> dblarr(n) is the same as double(fltarr(n)). The fltarr(n) will create
>> n many floating point numbers, all of which are 0. Converting all
>> these floats into doubles will yield a double array where all values
>> are 0 and this is the very same thing as dblarr(n).

>

>

> Actually I meant dindgen(n) vs. double(findgen(n)) in the first place. I
> always mix them up ... But I think I got the point.

Ah, okay. Same logic still applies.

Because doubles have the same structure as floats, but more capacity,
the set of all possible double precision values on a particular
architecture is a superset of the set of all possible single precision
(float) values on the same architecture. That, in short, was what all
my rambling before was trying to say. I have never been one to really
understand what the word "concise" means. :-)

-Mike
