Subject: Re: Type of array to store large numbers Posted by Fabzi on Fri, 25 May 2012 12:58:15 GMT

View Forum Message <> Reply to Message

On 05/25/2012 02:50 PM, Sir Loin Steak wrote:

> Hi all

>

- > I have a lot of numbers that have high precision (such as 401.4798584)
- > and I am trying to find what sort of array to use to store these
- > values. Can anyone help? I've tried floats, doubles etc, and none keep
- > the precision to more than 5 d.p. Am I missing something obvious, or
- > is what I'm after impossible?!!

What do you mean with "keep" the precision?

IDL > f = 401.4798584IDL > d = 401.4798584dIDL> print, f 401.480 IDL> print, d 401.47986 IDL> print, f, FORMAT='(F12.8)' 401.47985840 IDL> print, d, FORMAT='(F12.8)' 401.47985840

http://www.idlcoyote.com/math_tips/sky_is_falling.html

Cheers