

---

Subject: Re: MAKE\_ARRAY question  
Posted by [Craig Markwardt](#) on Fri, 13 Apr 2001 18:38:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Paul van Delst <[paul.vandelst@noaa.gov](mailto:paul.vandelst@noaa.gov)> writes:

```
> Ben Tupper wrote:
>>
>> Hi Paul,
>>
>> X = MAKE_ARRAY( n_pts, TYPE = 4 + KEYWORD_SET(DOUBLE), /NOZERO)
>>
>> The above should get you the correct type of array (Double type is 5
>> while Float type is 4.)
>
> True, but if double = 3 (in which case the keyword is also considered "set") the type
> would be wrong (a string array!).
```

Huh? So what if double EQ 3! Vis:

```
IDL> print, keyword_set(1)
1
IDL> print, keyword_set(2)
1
IDL> print, keyword_set(3)
1
```

For KEYWORD\_SET, I think "truth" is defined as non-zero.

Oops. What do you think this one should report? Heh.

```
print, keyword_set([0])
```

Craig

--

-----  
Craig B. Markwardt, Ph.D.      EMAIL: [craigmnet@cow.physics.wisc.edu](mailto:craigmnet@cow.physics.wisc.edu)  
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
-----