Subject: Re: HELP with IF statement

Posted by Paul Van Delst[1] on Thu, 25 Jun 2015 15:20:56 GMT

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On 06/25/15 08:22, David Fanning wrote:
> g.nacarts@gmail.com writes:
>
>> I have a problem with IF statement
>>
>> I wanted to check whether my array A has any zero element and if
>> so then simply return a zero array (with two zeroes). I typed the
>> following but am not sure if it's correct.
>>
>> A   FLOAT = Array[58]
>>
>> FOR i=0L, 57 DO BEGIN
>>   IF A[i] EQ 0 THEN RETURN, [0,0]
>> ENDFOR
>
> There are a whole host of articles on my web page explaining why it will
> be impossible to find a zero value in an array of floats. I'll just give
> you the bottom line: use Floats_Equal from the Coyote Library to do this
> kind of comparison:
>
>   IF Floats_Equal(a[i],0) THEN RETURN, [0,0]

Yes. My first reply when I am asked this sort of question is: "What do
you think is zero?"

Or, if I'm feeling particularly obtuse: "What IS zero?" (with a suitable
gesticulatory flourish, of course :o)

Funny, now that I think about it, people haven't come to ask me
questions for a while now. Huh.

cheers,

paulv