
Subject: Re: Arrays with NaN values

Posted by [Paul Van Delst\[1\]](#) on Tue, 05 Oct 2004 16:13:23 GMT

[View Forum Message](#) <> [Reply to Message](#)

Mark Hadfield wrote:

> David Fanning wrote:

>

>>

>> I think I would try something like this:

>>

>> index = Where(Finite(image) EQ 0, count)

>> IF count NE 0 THEN image[index] = 0

>

>

> Note that the first line could *not* be replaced by the (apparently
> reasonable)

>

> index = Where(NOT Finite(image), count)

>

> because the NOT operator and the WHERE function do not play well
> together. The reasons are explained here:

>

> http://www.dfanning.com/code_tips/bitwiselogical.html

>

> In IDL 6.0 the logical not operator, "~" operator was introduced to
> avoid this problem,

Man, the C-loving types really did a number on IDL. RSI musta hired a boatload of CS grads from the same school or something to implement the OO stuff. :o) [and, just in case anyone is irony impaired, yes, I am kidding]

> so the following would work

>

> index = Where(~Finite(image), count)

I realise "~" is a complement operator but when I look at the code above, I think "where the elements of IMAGE are *approximately* finite" huh?

Gosh, I have that old'n'crusty feeling coming on again. Back to DF's blog for some restorative therapy.....

paulv
