
Subject: Re: NaN problem in integer arrays

Posted by [Kenneth Bowman](#) on Thu, 17 Oct 2013 20:51:17 GMT

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On 2013-10-17 15:44:46 +0000, Galaxytraveler said:

> I use NaN's a lot in my arrays in place of missing or bad data points,
> but I have problems with it everytime my arrays are integer.

NaNs are identified by a special bit pattern in the IEEE floating point standard (http://en.wikipedia.org/wiki/IEEE_floating_point). There is no such thing as NaN for integer data types. If you need to implement a similar concept for integers, you have to choose a specific integer value to represent, for example, missing data, and then you have to assume all responsibility for checking for that value.

Ken Bowman
