
Subject: Assigning NaN to arrays
Posted by [elv](#) on Sat, 08 May 2004 09:39:24 GMT
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I was assigning NaN to the locations of bad pixels in an image. I then replace the bad pixels with the median of the surrounding good pixels. Instead of doing so, IDL assigned 2.14748e9. Everything I have seen in the IDL documentation seems to indicate that this would work.?

```
w = WHERE(mask EQ 1)
size_img = SIZE(image, /dimensions)
size_img = size_img[0]
image[w] = !values.f_nan
x = w MOD size_img
y = w / size_img
FOR i = 0, (n_elements(w)-1) DO image[w[i]] = MEDIAN(image[x-2:x+2,
y-2:y+2])
```

Thanks,

Eric

Eric Volquardsen
Research Associate
NASA Infrared Telescope Facility

Subject: Re: Assigning NaN to arrays
Posted by [George N. White III](#) on Fri, 14 May 2004 14:08:05 GMT
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On Sat, 8 May 2004, Eric Volquardsen wrote:

> I was assigning NaN to the locations of bad pixels in an image. I
> then replace the bad pixels with the median of the surrounding good
> pixels.

Using NaN this way can have severe performance consequences on some platforms. If you can't assign a numeric "code" for bad pixels you might consider using a mask array for portability.

--
George N. White III <aa056@chebucto.ns.ca>
