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Subject: Re: Interpolate the NaN in 2D array.  
Posted by [wlandsman](#) on Fri, 24 Jul 2015 03:40:15 GMT  
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On Thursday, July 23, 2015 at 7:58:10 AM UTC-4, Haje Korth wrote:

>

> INTERPOLATE (instead of INTERPOL) does 2D interpolation. It has a MISSING keyword. Try setting MISSING=!value.f\_nan.

I don't believe that INTERPOLATE() can deal with NaN values. The MISSING keyword is used to set an \*output\* value to elements outside of the range of the input array.

And INTERPOLATE() does not have any way to recognize NAN values as special. For example,

```
IDL> a = dist(5)
IDL> a[2,3] = !values.f_nan
IDL> print,interpolate(a,2,3)
      NaN
IDL> print,interpolate(a,2.3,3.3)
      NaN
```

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