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Subject: Re: How to correct errors an IDL

Posted by [Helder Marchetto](#) on Sat, 08 Dec 2012 13:44:14 GMT

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On Saturday, December 8, 2012 1:12:58 PM UTC+1, Dry in water wrote:

> It seems I found out the reason why it cannot open. Null value (Nodata) of this image is -3.4028234663e+038. Pixel type is float-point, 32 bit. So the number is out of range of float-point. So how can I set null value into 0. Is there any way to do this in IDL.

I guess that you could use the where command. Something like:

```
LowestValue = 1.0e+030
```

```
BadPoints = where((temper gt (-1.0*LowestValue)) && (temper lt LowestValue), Count)
```

```
if count ge 0 then temper[BadPoints] = 0.0
```

This will set to zero all value of Temper within -1.0e+030 and +1.0e+030. You might change LowestValue accordingly to what you consider too small or to what does not give an error anymore.

Given your image size, the "where" method might be slow... I think there were quite a few posts in the past about this.

Cheers,  
Helder

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