
Subject: Scientific Notation

Posted by [Jeff\[2\]](#) on Mon, 08 Sep 2008 23:02:11 GMT

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Hello,

I have a trouble with a very large number... Comments are welcome!!!

I have the following data subset:

```
lat, long, data
-24.2 -56.3 234.4
-24.1 -56.2 456.5
-24.2 -56.2 NaN
-24.5 -56.3 232.4
-24.7 -52.3 NaN
```

....

I need to fill the NaN cells with 1.70171e38. I'm doing this:

```
index = where(finite(temp, /nan), count)
if count ne 0 then temp[index] = 1.70141e38
```

It works fine. Then I'm exporting it to an ascii file (using `output_to_ascii_doit`) and I got:

```
-24.2 -56.3 234.4
-24.1 -56.2 456.5
-24.2 -56.2 *****
-24.5 -56.3 232.4
-24.7 -52.3 *****
```

....

How can I write this right number (1.70171e38) correctly?

Thanks!

Subject: Re: Scientific Notation

Posted by [kishore1818](#) on Mon, 15 Sep 2008 18:31:44 GMT

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On Sep 8, 8:02 pm, Jeff <julio.esque...@gmail.com> wrote:

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>

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>

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> -24.2 -56.3 234.4
> -24.1 -56.2 456.5
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> -24.1 -56.2 456.5
> -24.2 -56.2 *****
> -24.5 -56.3 232.4
> -24.7 -52.3 *****
> ....
>
> How can I write this right number (1.70171e38) correctly?
>
> Thanks!
```

Hi,

Ok, but output you declared float but you are replacing exponential format.

do this

temp[index] = 999.0 then it will workout.

Kishore
