
Subject: Re: Philosophical Question about NAN
Posted by [Foldy Lajos](#) on Wed, 19 Nov 2008 16:09:09 GMT
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On Wed, 19 Nov 2008, R.G. Stockwell wrote:

> Also, it is not clear on how to handle a NAN - it is ambiguous.

Even IDL is confused. For a single element input, /cumul in TOTAL should be a no-op. Let's try it:

```
IDL> print, !version
{ x86_64 linux unix linux 7.0 Oct 25 2007    64    64}
IDL> a=complex(1.0, !values.f_nan)
IDL> print, total(a, /nan)
(  0.00000,  0.00000)
IDL> print, total(a, /nan, /cumul)
(  1.00000,  0.00000)
```

regards,
lajos
